WHIPPLE APARTMENTS

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP227K

Prepared for:

Whipple Apartments, LLC

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Brooklyn, New York 11217

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REMEDIAL INVESTIGATION REPORT

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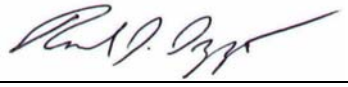
LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Richard J. Izzo, CPG, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for Whipple Apartments, (NYC VCP Site No. 14CVCP227K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Richard J. Izzo	2/11/14	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 7 Whipple Street in the East Williamsburg section in Brooklyn, New York and is identified as Block 2272 and Lots 45, 46, 147 on the New York City Tax Map. Figure 2 shows the Site location. The Site is 10,000-square feet and is bounded by a one-story commercial building and a vacant lot to the north, Whipple Street to the south, Bartlett Playground to the east, and a vacant lot to the west. Currently, the Site is used for parking and storage and does not contain any permanent structures.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site includes an eight-story residential building. The layout of the proposed site development is presented in Figure 3. According to the NYCOER SPEED application, the current zoning designation for the property is R7A for residential. The proposed use is consistent with existing zoning for the property.

The proposed development consists of an eight-story, 51 unit, residential building with a rear yard. The anticipated excavation depth of the building will be six feet below grade. Additionally, the rear yard excavation is anticipated to be between two and three feet for grading purposes. As part of the development, the above referenced lots are expected to be merged into lot number 45. As the depth to water was found at eight feet below grade the excavation is not anticipated below the water table. The Site is currently a parking lot with no permanent structures, and therefore, will not require demolition.

Summary of Past Uses of Site and Areas of Concern

According to the EDR Sanborn Fire Insurance Maps the past uses of the Site are:

- 1887- the Site was developed with four, mixed use commercial and residential buildings with two small sheds.

- 1904 to 1965- the Site was developed with three, five-story mixed use commercial and residential buildings.
- 1977 to 1980- the Site was developed with one, three-story residential building.
- 1981 to present- the Site has been vacant land.
- 2005- the Site was occupied by a car rental company, Star Car Rental and Allen Jarvis.

Currently the Site does not have any structures and is a vacant lot utilized for parking and storage.

Summary of the Work Performed under the Remedial Investigation

A Phase I ESA and Limited Phase II Investigation were completed for the Property in September 2013, by Environmental Business Consultants (discussed further in section 2.2). Based on the results of these investigations, a meeting with NYC OER, and the scope of the proposed redevelopment, CA RICH performed the following additional scope of work in accordance with the NYCOER approved Phase II Work Plan:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the Site, and collected four soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells on the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes on Site and collected four samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 14 to 15 feet above mean sea level.
2. Depth to groundwater ranges from eight to ten feet at the Site.
3. Groundwater flow is generally towards northwest beneath the Site.
4. Bedrock was not encountered at the Site.

5. The stratigraphy of the site, from the surface down, consists of five feet of medium grain sand and fill material underlain by native silty sand.

6. Soil samples collected during the September 2013 Limited Phase II Investigation showed one VOC, acetone identified exceeding Unrestricted Use SCO. SVOCs including benzo(b)fluoranthene, Indeno(1,2,3,cd)pyrene, benzo (a) anthracene, and chrysene were detected above Part 375 Restricted Residential SCOs in both the shallow and deep soil samples collected. Metals including barium, lead, and mercury were detected above Part 375 Restricted Residential SCOs in the shallow soil throughout the Site.

7. Additional soil sampling was conducted during remedial investigations. The soil sampling results were compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs) for Unrestricted and Restricted Residential Use SCOs. Trace concentrations of VOCs (all less than 5 ppb) including acetone, methylene chloride and toluene were detected in soil samples. All concentrations were well below Unrestricted Use SCOs. SVOCs including, benzo(a)anthracene (3,200 ug/kg), benzo(a)pyrene (2,900 ug/kg), benzo(b)fluoranthene (2,900 ug/kg), dibenzo(a,h)anthracene (550 ug/kg) and indeno(1,2,3-c,d)pyrene (2,300 ug/kg) were detected above NYSDEC Part 375 Restricted Residential Use SCOs . Four pesticide including 4,4'-DDD (17 ppb), 4,4'-DDE (20 ppb), 4,4'-DDT (33 ppb), and dieldrin (17 ppb) were detected exceeding Unrestricted Use SCOs. All concentrations were well below Restricted Residential SCOs. One PCB, aroclor 1248 (280 ppb) was detected in one soil samples exceeding Unrestricted Use SCO. Metals including lead (max. of 88 ppb), mercury (max. of 0.67 ppm), nickel (max. of 48 ppm) and zinc (max. of 145 ppm) exceeded Unrestricted Use SCOs, but were well below Restricted Residential Use SCOs. Overall, soil chemistry was unremarkable and do not indicate any disposal conditions.

8. Groundwater samples collected during the September 2013 Limited Phase II Investigation contained the VOC (MTBE) above its TOGs standard in the northern portion of the Site. No other VOCs were detected.

9. Additional groundwater samples were obtained during remedial investigations. The groundwater sample results were compared to NYSDEC Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards (GQS). Groundwater

samples collected during the RI detected one VOC, methylene chloride (5.1 ug/l) slightly exceeding its GQS. Trace concentrations of acetone and toluene were also detected in groundwater. SVOCs and PCBs were not detected above their detection limits. One pesticide, 4,4, DDT slightly exceeded its GQS in one groundwater sample. Metals including iron and manganese exceeded their GQS.

10. Soil vapor samples collected during the RI showed a wide range of petroleum related and chlorinated VOCs at trace concentrations and included acetone, benzene, chloromethane, dichlorofluoromethane, ethanol, freon 113, heptane, hexane, isopropyl alcohol, methylene chloride, methyl ethyl ketone, propylene, toluene and m,p-xylene. All compounds were detected at concentrations less than 10 $\mu g/m^3$. Chlorinated VOCs including carbon tetrachloride, TCA and TCE were not detected above their detection limits. Tetrachloroethylene (PCE) was identified in all soil vapor samples at a maximum concentration of 2 $\mu g/m^3$. The PCE, TCA, TCE and carbon tetrachloride concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Whipple Apartments, plans to enroll into the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 10,000 square foot site located at 7 Whipple Street in the East Williamsburg section of Brooklyn, New York See Figure 1, Site Map. Residential use is proposed for the property. The RI work was performed on January 16 and 17, 2014. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 7 Whipple Street in the East Williamsburg section in Brooklyn, New York and is identified as Block 2272 and Lots 45, 46, 147 on the New York City Tax Map. Figure 2 shows the Site location. The Site is 10,000-square feet and is bounded by a one-story commercial building and a vacant lot to the north, Whipple Street to the south, Bartlett Playground to the east, and a vacant lot to the west. Currently, the Site is used for parking and storage and has no permanent structures. .

1.2 Proposed Redevelopment Plan

The proposed future use of the Site is an eight-story residential building. Layout of the proposed site development is presented in Figure 3. According to the NYCOER SPEED application, the current zoning designation for the property is R7A for residential. The proposed use is consistent with existing zoning for the property.

The proposed development consists of an eight-story, slab on grade, 51 unit, residential building with a rear yard. The first story of the proposed building will contain a social service office, superintendent's office, and community room. The anticipated excavation depth of the building is six feet below grade. Additionally, the rear yard excavation is anticipated to be between two and three feet for grading purposes. As part of the development, the above referenced lots are expected to be merged into lot number 45. As the depth to water is at eight feet below grade the excavation is not anticipated below the water table. The Site is currently

used for parking and storage and has no permanent structures, and therefore, will not require demolition.

1.3 Description of Surrounding Property

According to the OER's SPEED application the Site is bound by a one-story commercial building (zoned R7A for transportation and utility) and vacant lot to the north (zoned R7A for parking facilities), Bartlett Playground (zoned as a park) to the east, Whipple Street to the south, and a vacant lot (zoned R7A for parking facilities) to the west. There are no schools or hospitals within a 500-foot radius. However, there is a daycare center identified as "Beginning with Children", (11 Bartlett Street) located approximately 500-feet west of the Site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

According to the EDR Sanborn Fire Insurance Maps the past uses of the Site are:

- 1887- the Site was developed with four, mixed use commercial and residential buildings with two small sheds.
- 1904 to 1965- the Site was developed with three, five-story mixed use commercial and residential buildings.
- 1977 to 1980- the Site was developed with one, three-story residential building.
- 1981 to present- the Site has been vacant land.
- 2005- the Site was occupied by a car rental company, Star Car rental and Allen Jarvis.

Currently the Site does not have any structures and is a vacant lot utilized for parking and storage.

According to the New York City Department of Finance (NYCDOF) ACRIS database for the subject Property the title was transferred from Richard Lewisohn to City of NY on April 21, 1971; from Finance Administrations of the City of New York to City of New York on October 21, 1977; from The City of New York to Salvatore Minucci on September 9, 1983; from Commissioner of Finance of The City of New York to City of New York on May 28, 1986; from

Salatore Minucci to Victor Gluck on July 28, 1987 and, from Voctor Gluck to 11 Whipple Realty Corp. on February 17, 1998. .

2.2 Previous Investigations

The following environmental reports were prepared for the Site:

A Phase I Environmental Site Assessment was performed on the Property in September 2013 by Environmental Business Consultants. Although no recognized environmental conditions (RECs) were identified, an additional environmental issue was identified:

- The Site is identified as having E designation (E-238) for HAZMAT/Noise/Air. The Property was assigned an E-designation during the Broadway Triangle action completed by the City in December 22, 2009. The E designation requires an environmental review and issuance of a Notice to Proceed before the Property can be redeveloped.

A Limited Phase II Subsurface Investigation was performed on the Property in September 2013 by Environmental Business Consultants. The soil and groundwater results are summarized below:

Soil

- The VOC, acetone was identified above Part 375 Unrestricted SCO in the soil at 10-12 feet in the northern portion of the Site. No other VOCs were detected.
- SVOCs, (benzo(b)fluoranthene, Indeno(1,2,3,cd)pyrene, benzo (a) anthracene, andchrysene) were detected above Part 375 Restricted Residential SCOs in both the shallow and deep soil throughout the Site.
- Barium, lead, and mercury were detected above Part 375 Restricted Residential SCOs in the shallow soil throughout the Site.

Groundwater

- The VOC, (MTBE) was identified above its TOGS standard in the groundwater in northern portion of the Site. No other VOCs were detected.

Based on the findings of this Limited Phase II Subsurface Investigation and the NYC OER approved Work Plan, the Remedial Investigation scope was proposed.

A map of the previous investigations soil and groundwater chemistry exceedances are provided as Figure 4. Historical Reports are presented in Appendix A.

2.3 Site Inspection

On January 17, 2014, Jessica Proscia of CA RICH inspected the Site. At the time of the inspection several containers of paints and motor oil were observed in the northern portion of the Property. Additionally, two empty 55-gallon drums were also observed on the Property. Some staining was also observed on the ground surface throughout the Property.

2.4 Areas of Concern

A Phase I Environmental Site Assessment was performed on the Property in September 2013 by Environmental Business Consultants. Although no recognized environmental conditions (RECs) were identified, an additional environmental issue was identified:

- The Site is identified as having E designation (E-238) for HAZMAT/Noise/Air. The Property was assigned an E-designation during the Broadway Triangle action completed by the City in December 22, 2009. The E designation requires an environmental review and issuance of a Notice to Proceed before the Property can be redeveloped.

In addition, the presence of historic fill material identified in the soil borings is also an area of concern.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Richard J. Izzo, CPG- Associate.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements. Appendix B includes the subject Property's Health and Safety Plan.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

CA Rich Consultants, Inc. performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site, and collected four soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed two groundwater monitoring wells throughout the Site and collected two groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not conducted on the Property.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On January 16, 2014, four strategically placed soil borings were installed utilizing a Geoprobe™ drilling system. The soil borings were identified as SB-1 through SB-4. Boring SB-1 was installed in the northeastern portion of the Site, SB-2 was installed in the northwestern portion of the Site, SB-3 was installed in the center of the Site, and SB-4 was installed in the southwestern portion of the Site. Soil borings SB-1 and SB-2 were advanced to four feet below grade in the area of the proposed rear yard. Soil borings SB-3 and SB-4 were advanced to eight feet below grade beneath the area of the proposed building footprint. All soil borings locations were based on the September 2013 Limited Phase II Subsurface Investigation results and CA RICH's approved January 2014 Phase II Work Plan. During drilling, soil samples were continuously collected and examined for evidence of contamination with a photoionization detector (PID) and for evidence of chemical staining. No PID readings were identified in any of the soil borings. Additionally, no odors or soil discoloration was identified. The soil was classified as dark brown medium grain sand with fill materials from zero to five feet and tan silt and sand from five to eight feet. Groundwater was not encountered in any of the soil borings.

Boring logs were prepared by a Jessica Proscia and are attached in Appendix C. A map showing the location of soil borings and monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

On January 16, 2014, two, two-inch permanent groundwater monitoring wells (MW-1 and MW-2) were installed utilizing a Geoprobe ™ drilling system to the shallow water table to determine the depth to groundwater as well as the quality of the uppermost groundwater presently occurring beneath the Site. The depth of the shallow groundwater ranged from 8 to 10 feet below grade. All monitoring well locations were based on the September 2013 Limited Phase II Subsurface Investigation results and CA RICH's approved January 2014 Phase II Work Plan. Monitoring well MW-1 was installed in the proposed rear yard in the northeastern portion of the Site. Monitoring well MW-2 was installed in the southwestern portion of the Site in the area of the proposed building footprint.

Monitoring wells MW-1 and MW-2 were installed 10 feet through the shallow groundwater table into the uppermost zone of saturation. Both monitoring wells were installed to a depth of 20 feet below grade. During drilling, soil samples were continuously collected and examined for evidence of contamination with a PID and for evidence of chemical staining. No PID readings were identified during monitoring well installation. Monitoring well construction consisted of 15 feet of two-inch diameter well screen and approximately five feet of two-inch diameter schedule 40 PVC riser. Each well was finished with a bentonite seal, a watertight j-plug and eight-inch flush mounted well protection box. The wells were developed immediately following the installation of each well.

Monitoring well locations are shown in Figure 5.

Survey

The soil borings, monitoring wells, and soil vapor point locations were installed in accordance with the Phase II Work Plan dated January 2014, to OER. All sample locations were accurately measured in the field and noted on a scaled figure.

Water Level Measurement

The depth to water was measured using a slope indicator. Water level data are included in Appendix D.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

On January 16, 2014, four strategically placed soil borings were installed utilizing a Geoprobe™ drilling system. The soil borings were identified as SB-1 through SB-4. Soil borings SB-1 and SB-2 were advanced to four feet below grade in the area of the proposed rear yard. Soil borings SB-3 and SB-4 were advanced to eight feet below grade beneath the area of the proposed building footprint. Samples were obtained from two to four feet in borings SB-1 and SB-2. Additionally, samples were obtained from six to eight feet in borings SB-3 and SB-4. Samples were collected by utilizing Geoprobe's, direct push macro core sample sleeves. Samples were stored on ice pending shipment to American Analytical Laboratories of Farmingdale, New York. All samples were uniquely identified and all information associated with the samples were recorded utilizing standard chain-of-custody sampling protocols. For QA/QC purposes one duplicate sample was also obtained.

Data on soil sample collection for chemical analysis, including dates of collection and sample depths are reported in Tables 1 through 5. Figure 5 shows the location of samples collected in this investigation. Laboratories and analytical methods are summarized below.

Groundwater Sampling

On January 16, 2014, two groundwater monitoring wells (MW-1 and MW-2) were installed utilizing a Geoprobe ™ drilling system to the shallow water table to determine the depth to groundwater as well as the quality of the uppermost groundwater presently occurring beneath the Site. The depth of the shallow groundwater ranged from 8 to 10 feet below grade. Monitoring wells were installed to a depth of 20 feet below grade.

On January 17, 2014, a groundwater sample was collected from each well utilizing low-flow sampling technology. The sampling pump and slope were decontaminated before and in between each monitoring well collection using a detergent rinse followed by a tap water rinse to prevent cross-contamination between the monitoring wells. All monitoring well samples were sampled in accordance with EPA's Low-Flow (minimal drawdown) Groundwater Sampling Procedures. Groundwater parameters (e.g, turbidity, pH, temperature, conductivity, etc.) were obtained during sampling. Samples were stored on ice pending shipment to American Analytical Laboratories of Farmingdale, New York. All samples were uniquely identified and all information associated with the samples were recorded utilizing standard chain-of-custody sampling protocols. For QA/QC purposes one duplicate sample was also obtained.

Groundwater sample collection data are reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Appendix D. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

On January 16, 2014, four soil vapor points were installed to six feet below grade using a Geoprobe ™ drilling system, designated SV-1 through SV-4. The soil vapor points were constructed of a stainless steel screen connected to stainless steel ¼-inch tubing. The annular space around the screened zone was filled with clean No. 2 Morie sand. Prior to sampling, three volumes were purged from each soil vapor point. An SKC Pocket Pump™, which includes both a flow meter and a flow totalizer, was used to assure that the purge rate did not exceed 0.2 liters per minute; and that the required volume was purged from the sample point. The points were completed with temporary caps and were removed after the testing was completed.

On January 17, 2014, the soil vapor points were sampled in accordance with New York State Department of Health's (NYSDOH) prevailing Guidance for Evaluating Soil Vapor Intrusion in the State of New York dated October 2006. In addition, the soil vapor samples were chemically analyzed using the procedures and protocols described in the Sample Preparation, and Analysis Requirements of EPA Compendium Method T0-15. A three-way "T" connector valve assembly was connected to a vacuum pump and a pre-cleaned six-liter SUMMA® air sampling canister. Prior to collecting the soil vapor samples, the sample tubing was purged using a vacuum pump set at a rate of approximately 0.2 liters per minute. A helium tracer gas was used to enrich the

atmosphere around the sampling location. The tracer gas verifies that interior ambient air is not inadvertently drawn down into the soil vapor sample. Both the purge volume from the sampling tube and the helium-enriched air within the container was screened for the tracer gas using a Gowmac® Model 21-250 gas leak detector.

Following the purging and tracer gas verification steps, the soil vapor samples were collected using the SUMMA® canister set to fill at a rate of not more than 0.2 liters per minute with an approximate fill time of 2-hours. Samples were shipped to Accutest Laboratories of Dayton, New Jersey. All samples were uniquely identified and all information associated with the samples were recorded utilizing standard chain-of-custody sampling protocols.

Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data are reported in Table 11. Soil vapor sampling logs are included in Appendix C. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Lori Beyer (soil and groundwater) AND Accutest Laboratories (soil vapor)
Chemical Analytical Laboratory	Chemical analytical laboratorys used in the RI are NYS ELAP certified and were American Analytical Laboratories and Accutest Laboratories
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000);

	• PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 1 through 11. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Based on the information obtained during the Phase II Investigation the Site is underlain by medium grain sand to five feet below grade and silty sand from five to ten feet below grade. The depth of the shallow groundwater ranged from eight to ten feet below grade.

Stratigraphy

The stratigraphy of the Site consists of medium grain sand with fill materials to five feet below grade and silty sand from five to ten feet below grade.

Hydrogeology

According to the Phase II Investigation, the depth to groundwater ranged from eight to ten feet below surface grade. The groundwater flow at the Site is assumed to be to the northwest towards the East River.

A table of water level data for all monitor wells is included in Appendix D.

5.2 Soil Chemistry

The soil sampling results were compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Soil Cleanup Objectives (SCOs) for Unrestricted and Restricted Residential Use. The soil borings were identified as SB-1 through SB-4. Samples were obtained from two to four feet in borings SB-1 and SB-2. Additionally, samples were obtained from six to eight feet in borings SB-3 and SB-4.

The results of the chemical analysis of the four soil borings indicate the following:

- VOCs - VOCs were not detected above Part 375 unrestricted use SCOs in SB-1 through SB-4. Trace levels of (less than 5 ppb) of acetone, methylene chloride and toluene were detected in soil samples.

- SVOCs – SVOCs were not detected above Part 375 SCOs in soil borings SB-1 or SB-4. The concentrations of SVOCs benzo (a) anthracene (3,200 ug/kg), benzo (a) pyrene (2,900 ug/kg), benzo (b) fluoranthene (2,900 ug/kg), dibenzo (a,h) anthracene (550

ug/kg), and indeno (1,2,3-c,d) pyrene (2,300 ug/kg) were detected exceeding restricted residential SCOs in SB-2. Benzo (k) fluoranthene (2,600 ug/kg) and chrysene (3,200 ug/kg) were detected exceeding unrestricted SCOs in SB-2. Additionally, indeno (1,2,3-c,d) pyrene (530 ug/kg) was detected above restricted residential SCOs in SB-3.

- Pesticides – pesticides were not detected above Part 375 SCOs in SB-1, SB-3 or SB-4. 4,4'-DDD (17 ug/kg), 4,4'-DDE (20 ug/kg), 4,4'-DDT (3 ug/kg), and dieldrin (17 ug/kg) were detected in SB-2 above unrestricted use SCOs.

- PCBs – PCBs were not detected in SB-1, SB-3, or SB-4. aroclor 1248 (280 ug/kg) was detected in SB-2 above unrestricted use SCOs.

- Metals – Metals were not detected above Part 375 SCOs in SB-4. Lead (65.4 mg/kg) was detected in SB-1, lead (77 mg/kg) and zinc (145 mg/kg) was detected in SB-2, and lead (88.6 mg/kg), mercury (0.452 mg/kg), nickel (48.7 mg/kg) and zinc (114 mg/kg) were detected in SB-3 above Part 375 unrestricted use SCOs.

Data collected during the RI are sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1 through 5. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Soil Cleanup Objectives. Figure 7 provides a summary of the soil exceedences from the historical investigation and the Remedial Investigation.

5.3 Groundwater Chemistry

The groundwater sample results were compared to NYSDEC Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards.

The results of the chemical analysis of the two monitoring wells indicate the following:

- VOCs - VOCs were not detected above TOGS standard in monitoring well MW-1. Methylene chloride (5.1 ug/l) a common laboratory contaminant was detected in MW-2 above TOGS standard.

- SVOCs - SVOCs were not detected in MW-1 or MW-2.

- Pesticides – Pesticides were not detected in MW-1 or MW-2 above TOGS standards.

- PCBs – PCBs were not detected in MW-1 or MW-2.

- Metals – Manganese (3.10 mg/L) and iron (0.819 (mg/L) were detected above TOGS standards in MW-1. Manganese (3.10 mg/L) was detected above TOGS standards in MW-2.

Data collected during the RI are sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 6 through 10. Exceedence of applicable groundwater standards are shown. Figure 8 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 TOGS groundwater standards.

5.4 Soil Vapor Chemistry

According to the NYSDOH Guidance, New York State does not have any standards, criteria or guidance. Therefore, NYSDOH Matrices were developed for carbon tetrachloride, 1,1-dichloroethylene, cis-1,2-dichloroethylene, 1,1,1-trichloroethane, trichloroethylene, and vinyl chloride.

The results of the chemical analysis of the four soil vapor point samples indicate the following:

- VOCs- VOCs were not detected above NYSDOH Matrices.

Data collected during the RI are sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11. Figure 9 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property. Soil management practices will be implemented in the Remedial Action Work Plan (RAWP)

Construction Details for Soil Borings and Monitoring Wells

	Identification Number	Date of construction	Total Depth	Diameter	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)
Soil Borings	SB-1 SB-2 SB-3 SB-4	1/16/2014 1/16/2014 1/16/2014 1/16/2014	Four feet Four feet Eight feet Eight feet	Not applicable	Not applicable	Not applicable
Monitor Wells	MW-1 MW-2	1/16/2014 1/16/2014	20 feet 20 feet	two-inch two-inch	Five to 20 ft Five to 20 ft	PVC PVC

Groundwater Level Data

Monitoring Well ID No.	Date	Water Elevation
MW-1	1/17/2014	8.24 feet
MW-2	1/17/2014	7.58 feet

Site-Specific Standards, Criteria and Guidance

- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (draft October 2004 or subsequent final draft)

TABLES

Table 1

Analytical Results of Volatile Organic Compounds In Soil Samples
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	SB-1 (2-4 feet)	SB-2 (2-4 feet)	SB-3 (6-8 feet)	SB-4 (6-8 feet)	SB-X	NYSDEC Part 375** Unrestricted SCOs	NYSDEC Part 375** Restricted Residential SCOs
Matrix	Soil	Soil	Soil	Soil	Soil		
Date Sampled	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014		
VOCs via EPA Method 8260							
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,1,1,2-Tetrachloroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,1,1-Trichloroethane	<DL	<DL	<DL	<DL	<DL	680	100,000
1,1,2,2-Tetrachloroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,1,2-Trichloro-1,2,2-trifluoroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,1,2-Trichloroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,1-Dichloroethane	<DL	<DL	<DL	<DL	<DL	270	26,000
1,1-Dichloroethene	<DL	<DL	<DL	<DL	<DL	330	100,000
1,1-Dichloropropene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2,3-Trichlorobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2,3-Trichloropropane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2,4,5-Tetramethylbenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2,4-Trichlorobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2,4-Trimethylbenzene	<DL	<DL	<DL	<DL	<DL	3,600	52,000
1,2-Dibromo-3-chloropropane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2-Dibromoethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	1,100	100,000
1,2-Dichloroethane	<DL	<DL	<DL	<DL	<DL	20	3,100
1,2-Dichloropropane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,3,5-Trimethylbenzene	<DL	<DL	<DL	<DL	<DL	8,400	52,000
1,3-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	2,400	49,000
1,3-dichloropropane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,4-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	1,800	13,000
1,4-Dioxane	<DL	<DL	<DL	<DL	<DL	100	13,000
2,2-Dichloropropane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Butanone	<DL	<DL	<DL	<DL	<DL	120	NVG
2-Chloroethyl vinyl ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Chlorotoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Hexanone	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Propanol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Chlorotoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Isopropyltoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Methyl-2-pentanone	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Acetone	3.2 BJ*	2.6 BJ*	3.7 BJ*	4.0 BJ*	3.6 BJ*m	50	100,000
Benzene	<DL	<DL	<DL	<DL	<DL	60	4,800
Bromobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bromochloromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bromodichloromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bromoform	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bromomethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Carbon disulfide	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Carbon tetrachloride	<DL	<DL	<DL	<DL	<DL	760	2,400
Chlorobenzene	<DL	<DL	<DL	<DL	<DL	1,100	100,000
Chlorodifluoromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Chloroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Chloroform	<DL	<DL	<DL	<DL	<DL	370	49,000
Chloromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
cis-1,2-Dichloroethene	<DL	<DL	<DL	<DL	<DL	250	100,000
cis-1,3-Dichloropropene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Cyclohexane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Dibromochloromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Dibromomethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Dichlorodifluoromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Diisopropyl ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Ethanol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Ethylbenzene	<DL	<DL	<DL	<DL	<DL	1,000	41,000
Freon-114	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Hexachlorobutadiene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Isopropylbenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
m,p-Xylene	<DL	<DL	<DL	<DL	<DL	260	NVG
Methyl Acetate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Methyl tert-butyl ether	<DL	<DL	<DL	<DL	<DL	930	100,000
Methylene chloride	5.4 BJ*	7.9 B*	5.5 BJ*	5.7 BJ*	5.6 BJ*	50	100,000
Naphthalene	<DL	<DL	<DL	<DL	<DL	12,000	100,000
n-Butylbenzene	<DL	<DL	<DL	<DL	<DL	12,000	100,000
n-Propylbenzene	<DL	<DL	<DL	<DL	<DL	3,900	100,000
o-Xylene	<DL	<DL	<DL	<DL	<DL	260	NVG
p-Diethylbenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
p-Ethyltoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
sec-Butylbenzene	<DL	<DL	<DL	<DL	<DL	11,000	100,000
Styrene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
t-Butyl alcohol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
tert-Butylbenzene	<DL	<DL	<DL	<DL	<DL	5,900	100,000
Tetrachloroethene	<DL	<DL	<DL	<DL	<DL	1,300	19,000
Toluene	<DL	2.3 J	<DL	<DL	<DL	700	100,000
trans-1,2-Dichloroethene	<DL	11	<DL	<DL	<DL	190	100,000
trans-1,3-Dichloropropene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Trichloroethene	<DL	<DL	<DL	<DL	<DL	470	21,000
Trichlorofluoromethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Vinyl acetate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Vinyl chloride	<DL	<DL	<DL	<DL	<DL	20	900

Notes:
All concentrations are reported in micrograms per kilogram (ug/kg) or parts per billion.
J - Indicates an etimated value
NVG - No Value Given
***6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*
Table 375-6.8(a):Restricted and Unrestricted Use Soil Cleanup Objectives

B - Analyte was detected in the associated Method Blank
<DL - below the detection limits
* - Calibration exceeds method requirement
m - Analyte was manually integratedfor GC/MS
SB-X is the duplicate of SB-4

Table 2

Analytical Results of Semi-Volatile Organic Compounds In Soil Samples
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	SB-1 (2-4 feet)	SB-2 (2-4 feet)	SB-3 (6-8 feet)	SB-4 (6-8 feet)	SB-X	NYSDEC Part 375* Unrestricted SCOs	NYSDEC Part 375* Restricted Residential SCOs
Matrix	Soil	Soil	Soil	Soil	Soil		
Date Sampled	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014		
SVOCs via EPA Method 8270							
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,2,4-Trichlorobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
1,2-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	1,100	100,000
1,3-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	2,400	49,000
1,4-Dichlorobenzene	<DL	<DL	<DL	<DL	<DL	1,800	13,000
2,3,4,6-Tetrachlorophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4,5-Trichlorophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4,6-Trichlorophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4-Dichlorophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4-Dimethylphenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4-Dinitrophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,4-Dinitrotoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2,6-Dinitrotoluene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Chloronaphthalene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Chlorophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Methylnaphthalene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Methylphenol	<DL	<DL	<DL	<DL	<DL	330	100,000
2-Nitroaniline	<DL	<DL	<DL	<DL	<DL	NVG	NVG
2-Nitrophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
3,3´-Dichlorobenzidine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
3+4-Methylphenol	<DL	<DL	<DL	<DL	<DL	330	100,000
3-Nitroaniline	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4,6-Dinitro-2-methylphenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Bromophenyl phenyl ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Chloro-3-methylphenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Chloroaniline	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Chlorophenyl phenyl ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Nitroaniline	<DL	<DL	<DL	<DL	<DL	NVG	NVG
4-Nitrophenol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Acenaphthene	47 J	190 J	90 J	<DL	<DL	20,000	100,000
Acenaphthylene	<DL	130 J	58 J	<DL	<DL	100,000	100,000
Acetophenone	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Aniline	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Anthracene	94 mJ	620 m	200 mJ	<DL	<DL	100,000	100,000
Atrazine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Azobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Benzaldehyde	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Benzidine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Benzo(a)anthracene	210 mJ	**3,200 m**	730 m	<DL	<DL	1,000	1,000
Benzo(a)pyrene	160 J	**2,900**	750	<DL	<DL	1,000	1,000
Benzo(b)fluoranthene	150 J	**2,900**	640	<DL	<DL	1,000	1,000
Benzo(g,h,i)perylene	89 J	2,100	520	<DL	<DL	100,000	100,000
Benzo(k)fluoranthene	140 mJ	**2,600 m**	630 m	<DL	<DL	800	3,900
Benzoic acid	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Benzyl alcohol	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Biphenyl	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bis(2-chloroethoxy)methane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bis(2-chloroethyl)ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bis(2-chloroisopropyl)ether	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Bis(2-ethylhexyl)phthalate	<DL	3,200	38 J	49 J	<DL	NVG	NVG
Butyl benzyl phthalate	<DL	270 J	<DL	<DL	<DL	NVG	NVG
Caprolactam	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Carbazole	36 J	240 J	88 J	<DL	<DL	NVG	NVG
Chrysene	230 J	**3,200**	840	<DL	<DL	1,000	3,900
Dibenzo(a,h)anthracene	<DL	**550 m**	110 mJ	<DL	<DL	330	330
Dibenzofuran	<DL	84 J	45 J	<DL	<DL	7,000	59,000
Diethyl phthalate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Dimethyl phthalate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Di-n-butyl phthalate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Di-n-octyl phthalate	<DL	89 m	130 mJ	150 mJ	<DL	NVG	NVG
Fluoranthene	450	4,700	1,400	<DL	<DL	100,000	100,000
Fluorene	36 J	160 J	78 J	<DL	<DL	30,000	100,000
Hexachlorobenzene	<DL	<DL	<DL	<DL	<DL	330	1,200
Hexachlorobutadiene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Hexachlorocyclopentadiene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Hexachloroethane	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Indeno(1,2,3-c,d)pyrene	89 J	**2,300**	**530**	<DL	<DL	500	500
Isophorone	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Naphthalene	53 J	45 J	28 J	<DL	<DL	12,000	100,000
Nitrobenzene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
N-Nitrosodimethylamine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
N-Nitrosodi-n-propylamine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
N-Nitrosodiphenylamine	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Parathion	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Pentachlorophenol	<DL	<DL	<DL	<DL	<DL	800	6,700
Phenanthrene	450	2,300	990	<DL	<DL	100,000	100,000
Phenol	<DL	<DL	<DL	<DL	<DL	330	100,000
Pyrene	470	5,300	1,700	<DL	<DL	100,000	100,000
Pyridine	<DL	<DL	<DL	<DL	<DL	NVG	NVG

Notes:

All concentrations are reported in micrograms per kilogram (μg/kg) or parts per billion.

J - Indicates an estimated value

NVG - No Value Given

<DL - below the detection limits

m- Analyte was manually integrated for GC/MS

**6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*
Table 375-6.8(a):Restricted and Unrestricted Use Soil Cleanup Objectives

Bold indicates that value is above 6NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives

Bold and boxed indicates that value is above 6 NYCRR Part 375 Restricted Use Soil Cleanup Objectives.

SB-X is the duplicate of SB-4

TABLE 3
Analytical Results for Pesticides in Soil Samples
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	SB-1 (2-4 feet)	SB-2 (2-4 feet)	SB-3 (6-8 feet)	SB-4 (6-8 feet)	SB-X	*Part 375	*Part 375
Matrix	Soil	Soil	Soil	Soil	Soil	Unrestricted	Restricted Residential
Date Sampled	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014	Use	Use
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Pesticides via EPA Method 8081							
4,4´-DDD	<DL	**17**	<DL	<DL	<DL	3.3	13,000
4,4´-DDE	<DL	**20**	<DL	<DL	<DL	3.3	8,900
4,4´-DDT	<DL	**33**	<DL	<DL	<DL	3.3	7,900
Aldrin	<DL	<DL	<DL	<DL	<DL	5	97
alpha-BHC	<DL	<DL	<DL	<DL	<DL	20	480
beta-BHC	<DL	8.2	<DL	<DL	<DL	36	360
Chlordane	<DL	<DL	<DL	<DL	<DL	94	4,200
Chlorobenzilate	<DL	<DL	<DL	<DL	<DL	NVG	NVG
DBCP	<DL	<DL	<DL	<DL	<DL	NVG	NVG
delta-BHC	<DL	<DL	<DL	<DL	<DL	40	100,000
Dieldrin	<DL	**17 P**	<DL	<DL	<DL	5	200
Endosulfan I	<DL	<DL	<DL	<DL	<DL	2,400	24,000
Endosulfan II	<DL	<DL	<DL	<DL	<DL	2,400	24,000
Endosulfan sulfate	<DL	<DL	<DL	<DL	<DL	2,400	24,000
Endrin	<DL	<DL	<DL	<DL	<DL	14	11,000
Endrin aldehyde	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Endrin ketone	<DL	<DL	<DL	<DL	<DL	NVG	NVG
gamma-BHC	<DL	<DL	<DL	<DL	<DL	100	1,300
Heptachlor	<DL	<DL	<DL	<DL	<DL	42	2,100
Heptachlor epoxide	<DL	10	<DL	<DL	<DL	NVG	NVG
Hexachlorobenzene	<DL	<DL	<DL	<DL	<DL	330	1,200
Hexachlorocyclopentadiene	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Methoxychlor	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Toxaphene	<DL	<DL	<DL	<DL	<DL	NVG	NVG

Notes:

All concentrations are reported in micrograms per kilogram (µg/kg) or parts per billion.

**6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*

Table 375-6.8(a):Restricted and Unrestricted Use Soil Cleanup Objectives

NVG=No Value Given

<DL - below the detection limits

P - Secondary column exceeds 40%difference for GC test

SB-X is the duplicate of SB-4

Bold indicates that value is above 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives.

Table 4

Analytical Results of PCBs In Soil Samples
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	SB-1 (2-4 feet)	SB-2 (2-4 feet)	SB-3 (6-8 feet)	SB-4 (6-8 feet)	SB-X	NYSDEC Part 375* Unrestricted SCOs	NYSDEC Part 375* Restricted Residential SCOs
Matrix	Soil	Soil	Soil	Soil	Soil		
Date Sampled	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014		
PCBs via EPA Method 8082							
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Aroclor 1016	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1221	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1232	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1242	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1248	<DL	**280**	<DL	<DL	<DL	100	1,000
Aroclor 1254	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1260	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1268	<DL	<DL	<DL	<DL	<DL	100	1,000
Aroclor 1262	<DL	<DL	<DL	<DL	<DL	100	1,000

Notes:

All concentrations are reported in micrograms per kilogram (μg/kg) or parts per billion.

<DL - below the detection limits

Bold indicates that value is above 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives.

**6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6; Table 375-6.8(a):Restricted and Unrestricted Use Soil Cleanup Objectives*

SB-X is the duplicate of SB-4

Table 5

Analytical Results of Metals In Soil Samples
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	SB-1 (2-4 feet)	SB-2 (2-4 feet)	SB-3 (6-8 feet)	SB-4 (6-8 feet)	SB-X	NYSDEC Part 375* Unrestricted SCOs	NYSDEC Part 375* Restricted Residential SCOs
Matrix	Soil	Soil	Soil	Soil	Soil		
Date Sampled	1/16/2014	1/16/2014	1/16/2014	1/16/2014	1/16/2014		
Metals via EPA Method 3050B							
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum	7,920	8,600	5,730	8,850	9,120	NVG	NVG
Antimony	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Arsenic	3.20	3.37	2.36	1.88	2.01	13	16
Barium	44.9	158	56.7	24.3	29.9	350	400
Beryllium	<DL	<DL	<DL	<DL	<DL	7.2	72
Cadmium	<DL	0.276 J	<DL	<DL	<DL	2.5	4.3
Calcium	1,260	8,570	3,650	873	957	NVG	NVG
Chromium	17.2	15.9	16.6	14.1	14.0	30	180
Cobalt	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Copper	20.4	28.8	22.8	6.96	8.19	50	270
Iron	13,800	13,400	7,890	11,200	11,900	NVG	NVG
Lead	**65.4**	**77.0**	**88.6**	6.45	6.86	63	400
Magnesium	1,380	2,380	1,420	1,410	1,520	NVG	NVG
Manganese	271	230	139	62.6	80.1	1,600	2000
Mercury	0.171 B	**0.677 B**	**0.452 B**	0.0179 B	0.0240 B	0.18	0.81
Nickel	10.5	10.3	**48.7**	10.1	10.6	30	310
Potassium	766	760	624	500	487	NVG	NVG
Selenium	<DL	<DL	<DL	<DL	<DL	3.9	180
Silver	0.231 J	0.202 J	0.131 J	<DL	0.325 J	2	180
Sodium	62.1	178	84.7	35.8	39.4	NVG	NVG
Thallium	<DL	<DL	<DL	<DL	<DL	NVG	NVG
Vanadium	22.4	19.6	13.5	19.2	23.6	NVG	NVG
Zinc	54.1	**145**	**114**	26.2	35.3	109	10,000

Notes:

All concentrations are reported in milligrams per kilogram (mg/kg) or parts per million.

<DL - below the detection limits

J - Indicates an etimated value

B - Analyte was detected in the associated Method Blank

NVG - No Value Given

Mercury analyzed via EPA Method 7471B

Bold indicates that value is above 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

**6 NYCRR Part 375; Subparts 375-1 to 375-4 & 375-6;*

Table 375-6.8(a):Restricted and Unrestricted Use Soil Cleanup Objectives

SB-X is the duplicate of SB-4

Table 6

Analytical Results for Volatile Organic Compounds In Groundwater
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	**MW-1**	**MW-2**	**MW-X**	**NYSDEC TOGs****
Matrix	groundwater	groundwater	groundwater	
Date Sampled	1/17/2014	1/17/2014	1/17/2014	
Volatile Organic Compounds				
Units	ug/L	ug/L	ug/L	ug/L
1,1,1,2-Tetrachloroethane	<DL	<DL	<DL	5
1,1,1-Trichloroethane	<DL	<DL	<DL	5
1,1,2,2-Tetrachloroethane	<DL	<DL	<DL	5
1,1,2-Trichloro-1,2,2-trifluoroethane	<DL	<DL	<DL	5
1,1,2-Trichloroethane	<DL	<DL	<DL	1
1,1-Dichloroethane	<DL	<DL	<DL	5
1,1-Dichloroethene	<DL	<DL	<DL	5
1,1-Dichloropropene	<DL	<DL	<DL	1
1,2,3-Trichlorobenzene	<DL	<DL	<DL	5
1,2,3-Trichloropropane	<DL	<DL	<DL	5
1,2,4,5-Tetramethylbenzene	<DL	<DL	<DL	5
1,2,4-Trichlorobenzene	<DL	<DL	<DL	5
1,2,4-Trimethylbenzene	<DL	<DL	<DL	NVG
1,2-Dibromo-3-chloropropane	<DL	<DL	<DL	5
1,2-Dibromoethane	<DL	<DL	<DL	NVG
1,2-Dichlorobenzene	<DL	<DL	<DL	3
1,2-Dichloroethane	<DL	<DL	<DL	0.6
1,2-Dichloropropane	<DL	<DL	<DL	5
1,3,5-Trimethylbenzene	<DL	<DL	<DL	5
1,3-Dichlorobenzene	<DL	<DL	<DL	3
1,3-dichloropropane	<DL	<DL	<DL	5
1,4-Dichlorobenzene	<DL	<DL	<DL	3
1,4-Dioxane	<DL	<DL	<DL	NVG
2,2-Dichloropropane	<DL	<DL	<DL	5
2-Butanone	<DL	<DL	<DL	NVG
2-Chloroethyl vinyl ether	<DL	<DL	<DL	NVG
2-Chlorotoluene	<DL	<DL	<DL	NVG
2-Hexanone	<DL	<DL	<DL	NVG
2-Propanol	<DL	<DL	<DL	NVG
4-Chlorotoluene	<DL	<DL	<DL	NVG
4-Isopropyltoluene	<DL	<DL	<DL	5
4-Methyl-2-pentanone	<DL	<DL	<DL	NVG
Acetone	3.0 BJ*	4.0 BJ*	4.3 BJ*	50
Benzene	<DL	<DL	<DL	1
Bromobenzene	<DL	<DL	<DL	5
Bromochloromethane	<DL	<DL	<DL	NVG
Bromodichloromethane	<DL	<DL	<DL	5
Bromoform	<DL	<DL	<DL	50
Bromomethane	<DL	<DL	<DL	5
Carbon disulfide	<DL	<DL	<DL	NVG
Carbon tetrachloride	<DL	<DL	<DL	5
Chlorobenzene	<DL	<DL	<DL	5
Chlorodifluoromethane	<DL	<DL	<DL	NVG
Chloroethane	<DL	<DL	<DL	5
Chloroform	<DL	<DL	<DL	7
Chloromethane	<DL	<DL	<DL	NVG
cis-1,2-Dichloroethene	<DL	<DL	<DL	5
cis-1,3-Dichloropropene	<DL	<DL	<DL	0.4
Cyclohexane	<DL	<DL	<DL	NVG
Dibromochloromethane	<DL	<DL	<DL	50
Dibromomethane	<DL	<DL	<DL	5
Dichlorodifluoromethane	<DL	<DL	<DL	NVG
Diisopropyl ether	<DL	<DL	<DL	NVG
Ethanol	<DL	<DL	<DL	NVG
Ethylbenzene	<DL	<DL	<DL	5
Freon-114	<DL	<DL	<DL	NVG
Hexachlorobutadiene	<DL	<DL	<DL	0.5
Isopropylbenzene	<DL	<DL	<DL	5
m,p-Xylene	<DL	<DL	<DL	5
Methyl Acetate	<DL	<DL	<DL	NVG
Methyl tert-butyl ether	<DL	<DL	<DL	10
Methylene chloride	4.8 B*	**5.1 B***	5.0 B*	5
Naphthalene	<DL	<DL	<DL	10
n-Butylbenzene	<DL	<DL	<DL	5
n-Propylbenzene	<DL	<DL	<DL	5
o-Xylene	<DL	<DL	<DL	5
p-Diethylbenzene	<DL	<DL	<DL	NVG
p-Ethyltoluene	<DL	<DL	<DL	NVG
sec-Butylbenzene	<DL	<DL	<DL	5
Styrene	<DL	<DL	<DL	5
t-Butyl alcohol	<DL	<DL	<DL	NVG
tert-Butylbenzene	<DL	<DL	<DL	5
Tetrachloroethene	<DL	<DL	<DL	5
Toluene	0.67 J	1.0 mJ	0.87 J	5
trans-1,2-Dichloroethene	<DL	<DL	<DL	5
trans-1,3-Dichloropropene	<DL	<DL	<DL	NVG
Trichloroethene	<DL	<DL	<DL	5
Trichlorofluoromethane	<DL	<DL	<DL	5
Vinyl acetate	<DL	<DL	<DL	NVG
Vinyl chloride	<DL	<DL	<DL	5

Notes:
ug/L - micrograms per liter or parts per billion
<DL - below the detection limits
NVG - No Value Given
m - Analyte was manually integrated for GC/MS
B - Analyted detected in associated Method Blank
J - Estimated Value
** - Calibration exceeds method requirement*
MW-X is the duplicate of MW-2

Boxed and bold indicates exceedance groundwater standards or guidance values

***NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998

Table 7

Analytical Results for Semi-Volatile Organic Compounds In Groundwater
Whipple Apartments

7 Whipple Street

Brooklyn, New York

Sample ID	MW-1	MW-2	MW-X	NYSDEC TOGS*
Matrix	groundwater	groundwater	groundwater	
Date Sampled	1/17/2014	1/17/2014	1/17/2014	
Semi-Volatile Organic Compounds				
Units	ug/L	ug/L	ug/L	ug/L
1,2,4-Trichlorobenzene	<DL	<DL	<DL	5
1,2-Dichlorobenzene	<DL	<DL	<DL	3
1,3-Dichlorobenzene	<DL	<DL	<DL	3
1,4-Dichlorobenzene	<DL	<DL	<DL	3
2,3,4,6-Tetrachlorophenol	<DL	<DL	<DL	NVG
2,4,5-Trichlorophenol	<DL	<DL	<DL	NVG
2,4,6-Trichlorophenol	<DL	<DL	<DL	NVG
2,4-Dichlorophenol	<DL	<DL	<DL	5
2,4-Dimethylphenol	<DL	<DL	<DL	50
2,4-Dinitrophenol	<DL	<DL	<DL	10
2,4-Dinitrotoluene	<DL	<DL	<DL	5
2,6-Dinitrotoluene	<DL	<DL	<DL	5
2-Chloronaphthalene	<DL	<DL	<DL	10
2-Chlorophenol	<DL	<DL	<DL	NVG
2-Methylnaphthalene	<DL	<DL	<DL	NVG
2-Methylphenol	<DL	<DL	<DL	NVG
2-Nitroaniline	<DL	<DL	<DL	5
2-Nitrophenol	<DL	<DL	<DL	NVG
3,3´-Dichlorobenzidine	<DL	<DL	<DL	5
3+4-Methylphenol	<DL	<DL	<DL	1
3-Nitroaniline	<DL	<DL	<DL	5
4,6-Dinitro-2-methylphenol	<DL	<DL	<DL	NVG
4-Bromophenyl phenyl ether	<DL	<DL	<DL	NVG
4-Chloro-3-methylphenol	<DL	<DL	<DL	NVG
4-Chloroaniline	<DL	<DL	<DL	NVG
4-Chlorophenyl phenyl ether	<DL	<DL	<DL	NVG
4-Nitroaniline	<DL	<DL	<DL	5
4-Nitrophenol	<DL	<DL	<DL	NVG
Acenaphthene	<DL	<DL	<DL	20
Acenaphthylene	<DL	<DL	<DL	NVG
Acetophenone	<DL	<DL	<DL	NVG
Aniline	<DL	<DL	<DL	NVG
Anthracene	<DL	<DL	<DL	50
Atrazine	<DL	<DL	<DL	NVG
Azobenzene	<DL	<DL	<DL	NVG
Benzaldehyde	<DL	<DL	<DL	NVG
Benzidine	<DL	<DL	<DL	NVG
Benzo(a)anthracene	<DL	<DL	<DL	0.002
Benzo(a)pyrene	<DL	<DL	<DL	NVG
Benzo(b)fluoranthene	<DL	<DL	<DL	0.002
Benzo(g,h,i)perylene	<DL	<DL	<DL	NVG
Benzo(k)fluoranthene	<DL	<DL	<DL	0.002
Benzoic acid	<DL	<DL	<DL	NVG
Benzyl alcohol	<DL	<DL	<DL	NVG
Biphenyl	<DL	<DL	<DL	NVG
Bis(2-chloroethoxy)methane	<DL	<DL	<DL	NVG
Bis(2-chloroethyl)ether	<DL	<DL	<DL	NVG
Bis(2-chloroisopropyl)ether	<DL	<DL	<DL	NVG
Bis(2-ethylhexyl)phthalate	<DL	<DL	<DL	5
Butyl benzyl phthalate	<DL	<DL	<DL	NVG
Caprolactam	<DL	<DL	<DL	NVG
Carbazole	<DL	<DL	<DL	NVG
Chrysene	<DL	<DL	<DL	0.002
Dibenzo(a,h)anthracene	<DL	<DL	<DL	NVG
Dibenzofuran	<DL	<DL	<DL	NVG
Diethyl phthalate	<DL	<DL	<DL	NVG
Dimethyl phthalate	<DL	<DL	<DL	NVG
Di-n-butyl phthalate	<DL	<DL	<DL	50
Di-n-octyl phthalate	<DL	<DL	<DL	50
Fluoranthene	<DL	<DL	<DL	50
Fluorene	<DL	<DL	<DL	50
Hexachlorobenzene	<DL	<DL	<DL	0.04
Hexachlorobutadiene	<DL	<DL	<DL	0.5
Hexachlorocyclopentadiene	<DL	<DL	<DL	5
Hexachloroethane	<DL	<DL	<DL	5
Indeno(1,2,3-c,d)pyrene	<DL	<DL	<DL	0.002
Isophorone	<DL	<DL	<DL	50
Naphthalene	<DL	<DL	<DL	10
Nitrobenzene	<DL	<DL	<DL	0.4
N-Nitrosodimethylamine	<DL	<DL	<DL	NVG
N-Nitrosodi-n-propylamine	<DL	<DL	<DL	NVG
N-Nitrosodiphenylamine	<DL	<DL	<DL	50
Parathion	<DL	<DL	<DL	NVG
Pentachlorophenol	<DL	<DL	<DL	NVG
Phenanthrene	<DL	<DL	<DL	50
Phenol	<DL	<DL	<DL	NVG
Pyrene	<DL	<DL	<DL	50
Pyridine	<DL	<DL	<DL	50

Notes:
ug/L - micrograms per liter or parts per billion
<DL - below the detection limits
MW-X is the duplicate of MW-2
NVG - No Value Given
**NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998

Table 8

Analytical Results for Pesticides In Groundwater

Whipple Apartments

7 Whipple Street

Brooklyn, New York

Sample ID	MW-1	MW-2	MW-X	NYSDEC TOGS*
Matrix	groundwater	groundwater	groundwater	
Date Sampled	1/17/2014	1/17/2014	1/17/2014	
Pesticides				
Units	ug/L	ug/L	ug/L	ug/L
4,4´-DDD	<DL	<DL	<DL	NVG
4,4´-DDE	<DL	<DL	<DL	NVG
4,4´-DDT	<DL	0.012 PJ	<DL	NVG
Aldrin	<DL	<DL	<DL	NVG
alpha-BHC	<DL	<DL	<DL	0.01
beta-BHC	<DL	<DL	<DL	0.04
Chlordane	<DL	<DL	<DL	0.05
Chlorobenzilate	<DL	<DL	<DL	NVG
DBCP	<DL	<DL	<DL	NVG
delta-BHC	<DL	<DL	<DL	0.04
Dieldrin	<DL	<DL	<DL	0.004
Endosulfan I	<DL	<DL	<DL	NVG
Endosulfan II	<DL	<DL	<DL	NVG
Endosulfan sulfate	<DL	<DL	<DL	NVG
Endrin	<DL	<DL	<DL	NVG
Endrin aldehyde	<DL	<DL	<DL	5
Endrin ketone	<DL	<DL	<DL	NVG
gamma-BHC	<DL	<DL	<DL	0.05
Heptachlor	<DL	<DL	<DL	NVG
Heptachlor epoxide	<DL	<DL	<DL	NVG
Hexachlorobenzene	<DL	<DL	<DL	0.04
Hexachlorocyclopentadiene	<DL	<DL	<DL	5
Methoxychlor	<DL	<DL	<DL	NVG
Toxaphene	<DL	<DL	<DL	NVG

Notes:
ug/L - micrograms per liter or parts per billion
<DL - below the detection limits
P- >40% diff for detected concentration between the two GC columns
NVG - No Value Given
MW-X is the duplicate of MW-2
J - Estimated Value
**NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998

Table 9

Analytical Results for PCBs In Groundwater
Whipple Apartments

7 Whipple Street

Brooklyn, New York

Sample ID	MW-1	MW-2	MW-X	NYSDEC TOGS**
Matrix	groundwater	groundwater	groundwater	
Date Sampled	1/17/2014	1/17/2014	1/17/2014	
PCBs				
Units	ug/L	ug/L	ug/L	ug/L
Aroclor-1016	<DL	<DL	<DL	0.09 *
Aroclor-1221	<DL	<DL	<DL	0.09 *
Aroclor-1232	<DL	<DL	<DL	0.09 *
Aroclor-1242	<DL	<DL	<DL	0.09 *
Aroclor-1248	<DL	<DL	<DL	0.09 *
Aroclor-1254	<DL	<DL	<DL	0.09 *
Aroclor-1260	<DL	<DL	<DL	0.09 *
Aroclor-1262	<DL	<DL	<DL	0.09 *
Aroclor-1268	<DL	<DL	<DL	0.09 *

Notes:

ug/L - micrograms per liter or parts per billion

<DL - below the detection limits

MW-X is the duplicate of MW-2

** Applies to the sum of these compounds*

***NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998

Table 10

Analytical Results for Dissolved Metals In Groundwater
Whipple Apartments
7 Whipple Street
Brooklyn, New York

Sample ID	MW-1	MW-2	MW-X	
Matrix	groundwater	groundwater	groundwater	NYSDEC TOGS*
Date Sampled	1/17/2014	1/17/2014	1/17/2014	
Dissolved Metals				
Units	mg/L	mg/L	mg/L	mg/L
Aluminum	0.00997 J	0.00868 J	0.00817 J	NVG
Antimony	<DL	<DL	<DL	0.003
Arsenic	<DL	<DL	<DL	0.025
Barium	0.0901	0.102	0.104	1
Beryllium	<DL	<DL	<DL	0.003
Cadmium	<DL	<DL	<DL	0.005
Calcium	138	111	111	NVG
Chromium	<DL	<DL	<DL	0.05
Cobalt	<DL	<DL	<DL	NVG
Copper	<DL	<DL	<DL	0.2
Iron	**0.819**	0.258	0.174	0.3
Lead	<DL	<DL	<DL	0.025
Magnesium	30.5	14.8	14.9	35
Manganese	**3.10**	**0.851**	**0.862**	0.3
Mercury	<DL	<DL	<DL	0.0007
Nickel	0.00935 J	<DL	<DL	0.1
Potassium	30.2	15.9	16.1	NVG
Selenium	<DL	<DL	<DL	0.01
Silver	<DL	<DL	<DL	0.05
Sodium	10.3	13.5	13.6	20
Thallium	<DL	<DL	<DL	0.0005
Vanadium	<DL	<DL	<DL	NA
Zinc	0.0214	0.0137 J	0.00980 J	2

Notes:
mg/L - milligrams per liter or parts per million
<DL - below the detection limits
NVG - No Value Given
J - Estimated Value
MW-X is the duplicate of MW-2

Boxed and bold indicates exceedance of groundwater standards or guidance values

**NYSDEC Technical and Operational Guidance Series (1.1.1)*
Ambient Water Quality Standards and Guidance Values
and Groundwater Effluent Limitations; June 1998

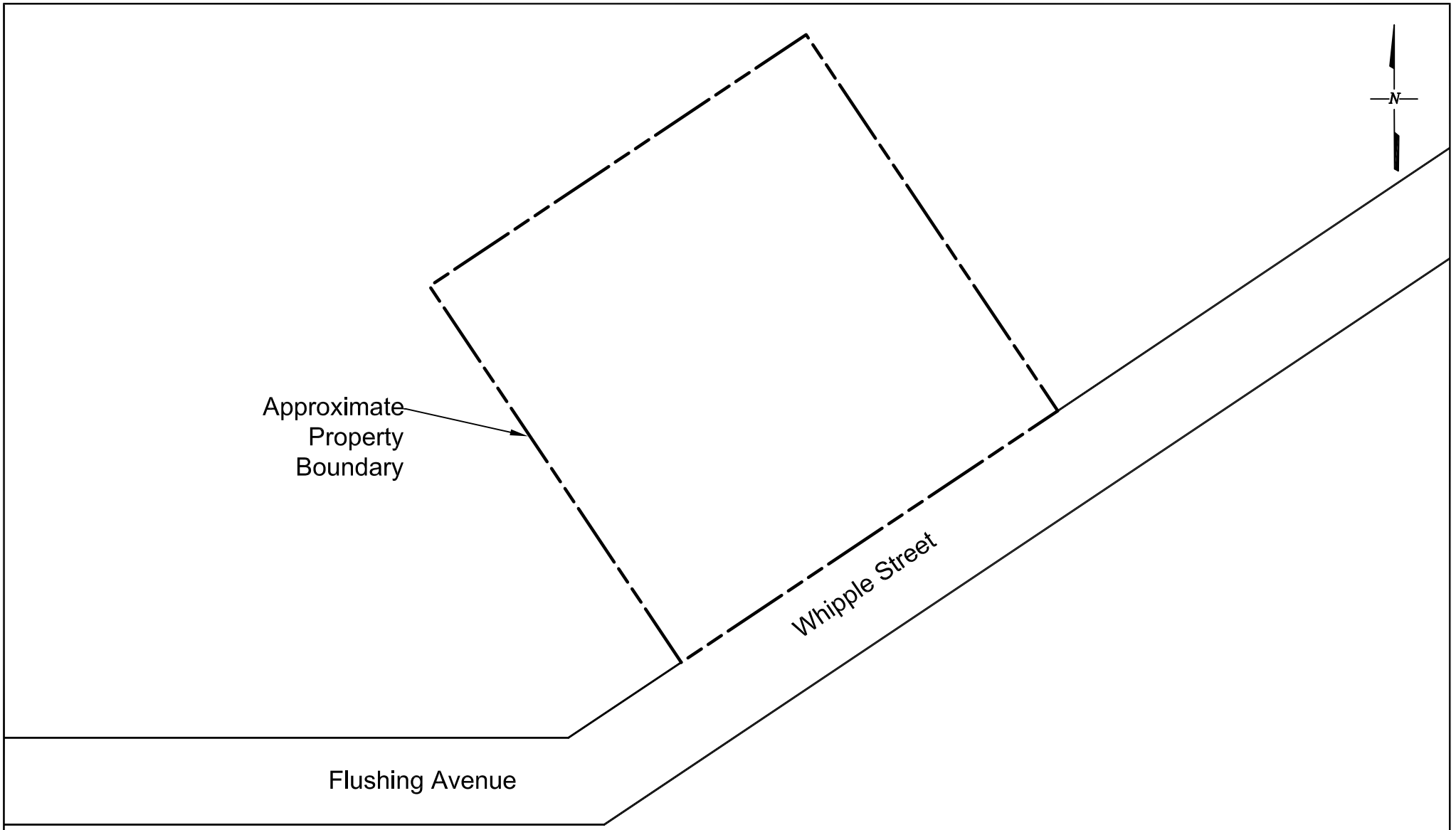
Table 11
Volatile Organic Compounds in Soil Vapor Samples
Whipple Apartments
7 Whipple Street
Brooklyn, NY

Sample ID	SV-1	SV-2	SV-3	SV-4	*NYSDOH 2006
Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Matrix1/Matrix 2
Date Sampled	1/17/2014	1/17/2014	1/17/2014	1/17/2014	Sub-Slab Vapor
Volatile Organic Compounds					
Units	ug/m^3	ug/m^3	ug/m^3	ug/m^3	ug/m^3
Acetone	7.4	6.7	7.8	24.7	NVG
1,3-Butadiene	<DL	<DL	<DL	<DL	NVG
Benzene	1.3 J	<DL	<DL	2.0 J	NVG
Bromodichloromethane	<DL	<DL	<DL	<DL	NVG
Bromoform	<DL	<DL	<DL	<DL	NVG
Bromomethane	<DL	<DL	<DL	<DL	NVG
Bromoethene	<DL	<DL	<DL	<DL	NVG
Benzyl Chloride	<DL	<DL	<DL	<DL	NVG
Carbon disulfide	<DL	<DL	<DL	<DL	NVG
Chlorobenzene	<DL	<DL	<DL	<DL	NVG
Chloroethane	<DL	<DL	<DL	<DL	NVG
Chloroform	<DL	<DL	<DL	<DL	NVG
Chloromethane	<DL	1.2 J	1.2 J	1.0 J	NVG
3-Chloropropene	<DL	<DL	<DL	<DL	NVG
2-Chlorotoluene	<DL	<DL	<DL	<DL	NVG
Carbon tetrachloride	<DL	<DL	<DL	<DL	5
Cyclohexane	<DL	<DL	<DL	<DL	NVG
1,1-Dichloroethane	<DL	<DL	<DL	<DL	NVG
1,1-Dichloroethylene	<DL	<DL	<DL	<DL	100
1,2-Dibromoethane	<DL	<DL	<DL	<DL	NVG
1,2-Dichloroethane	<DL	<DL	<DL	<DL	NVG
1,2-Dichloropropane	<DL	<DL	<DL	<DL	NVG
1,4-Dioxane	<DL	<DL	<DL	<DL	NVG
Dichlorodifluoromethane	2.6 J	2.7 J	2.6 J	4.2	NVG
Dibromochloromethane	<DL	<DL	<DL	<DL	NVG
trans-1,2-Dichloroethylene	<DL	<DL	<DL	<DL	NVG
cis-1,2-Dichloroethylene	<DL	<DL	<DL	<DL	100
cis-1,3-Dichloropropene	<DL	<DL	<DL	<DL	NVG
m-Dichlorobenzene	<DL	<DL	<DL	<DL	NVG
o-Dichlorobenzene	<DL	<DL	<DL	<DL	NVG
p-Dichlorobenzene	<DL	<DL	<DL	<DL	NVG
trans-1,3-Dichloropropene	<DL	<DL	<DL	<DL	NVG
Ethanol	11	6.4	11	8.7	NVG
Ethylbenzene	<DL	<DL	<DL	<DL	NVG
Ethyl Acetate	<DL	<DL	<DL	<DL	NVG
4-Ethyltoluene	<DL	<DL	<DL	<DL	NVG
Freon 113	4.4 J	11	6.2	4.6 J	NVG
Freon 114	<DL	<DL	<DL	<DL	NVG
Heptane	<DL	<DL	<DL	5.7	NVG
Hexachlorobutadiene	<DL	<DL	<DL	<DL	NVG
Hexane	1.6 J	3.9	2.1 J	7.8	NVG
2-Hexanone	<DL	<DL	<DL	<DL	NVG
Isopropyl Alcohol	<DL	<DL	1.4 J	1.7 J	NVG
Methylene chloride	5.2	14	6.3	8	NVG
Methyl ethyl ketone	<DL	<DL	<DL	1.7 J	NVG
Methyl Isobutyl Ketone	<DL	<DL	<DL	<DL	NVG
Methyl Tert Butyl Ether	<DL	<DL	<DL	<DL	NVG
Methylmethacrylate	<DL	<DL	<DL	<DL	NVG
Propylene	<DL	<DL	<DL	8.4	NVG
Styrene	<DL	<DL	<DL	<DL	NVG
1,1,1-Trichloroethane	<DL	<DL	<DL	<DL	100
1,1,2,2-Tetrachloroethane	<DL	<DL	<DL	<DL	NVG
1,1,2-Trichloroethane	<DL	<DL	<DL	<DL	NVG
1,2,4-Trichlorobenzene	<DL	<DL	<DL	<DL	NVG
1,2,4-Trimethylbenzene	<DL	<DL	<DL	<DL	NVG
1,3,5-Trimethylbenzene	<DL	<DL	<DL	<DL	NVG
2,2,4-Trimethylpentane	<DL	<DL	<DL	<DL	NVG
Tertiary Butyl Alcohol	<DL	<DL	<DL	<DL	NVG
Tetrachloroethylene	<DL	1.2	1.4	2	NVG
Tetrahydrofuran	<DL	<DL	<DL	<DL	NVG
Toluene	2.3 J	1.7 J	1.5 J	9	NVG
Trichloroethylene	<DL	<DL	<DL	<DL	5
Trichlorofluoromethane	<DL	<DL	<DL	<DL	NVG
Vinyl chloride	<DL	<DL	<DL	<DL	5
Vinyl Acetate	<DL	<DL	<DL	<DL	NVG
m,p-Xylene	<DL	<DL	<DL	3.0 J	NVG
o-Xylene	<DL	<DL	<DL	<DL	NVG
Xylenes (total)	<DL	<DL	<DL	3.0 J	NVG

Notes:
J- Analyte detected below quantitation limits.
<DL - below the detection limits
NVG- No Value Given
a - Results from Run #2
ug/m^3 - micrograms per cubic meters

*NYSDOH guidence for evaluating Soil Vapor in the State of New York Oct. 2006 Matrix 1 & 2 levels for "No Further Action"

FIGURES



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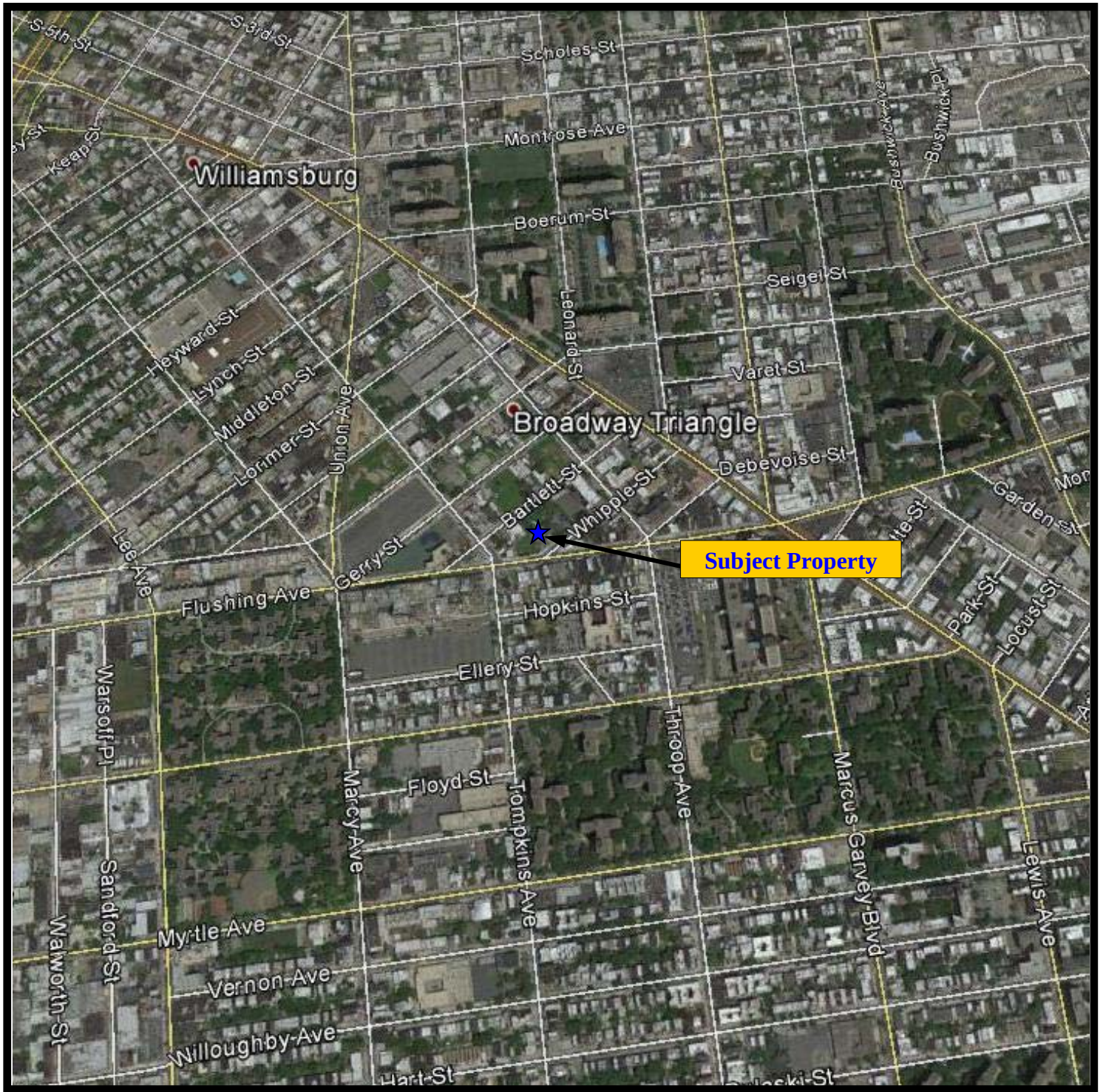
17 Dupont Street, Plainview, New York 11803

TITLE: Site Map		DATE: 12/19/2013
		SCALE: As Shown
FIGURE: 1	7 Whipple Street Brooklyn, NY	DRAWN BY: T.R.B.
DRAWING NO: Site map		APPR. BY: V.W.

H:\Drawings\Dunn\Whipple Street\Site map



0 350 700

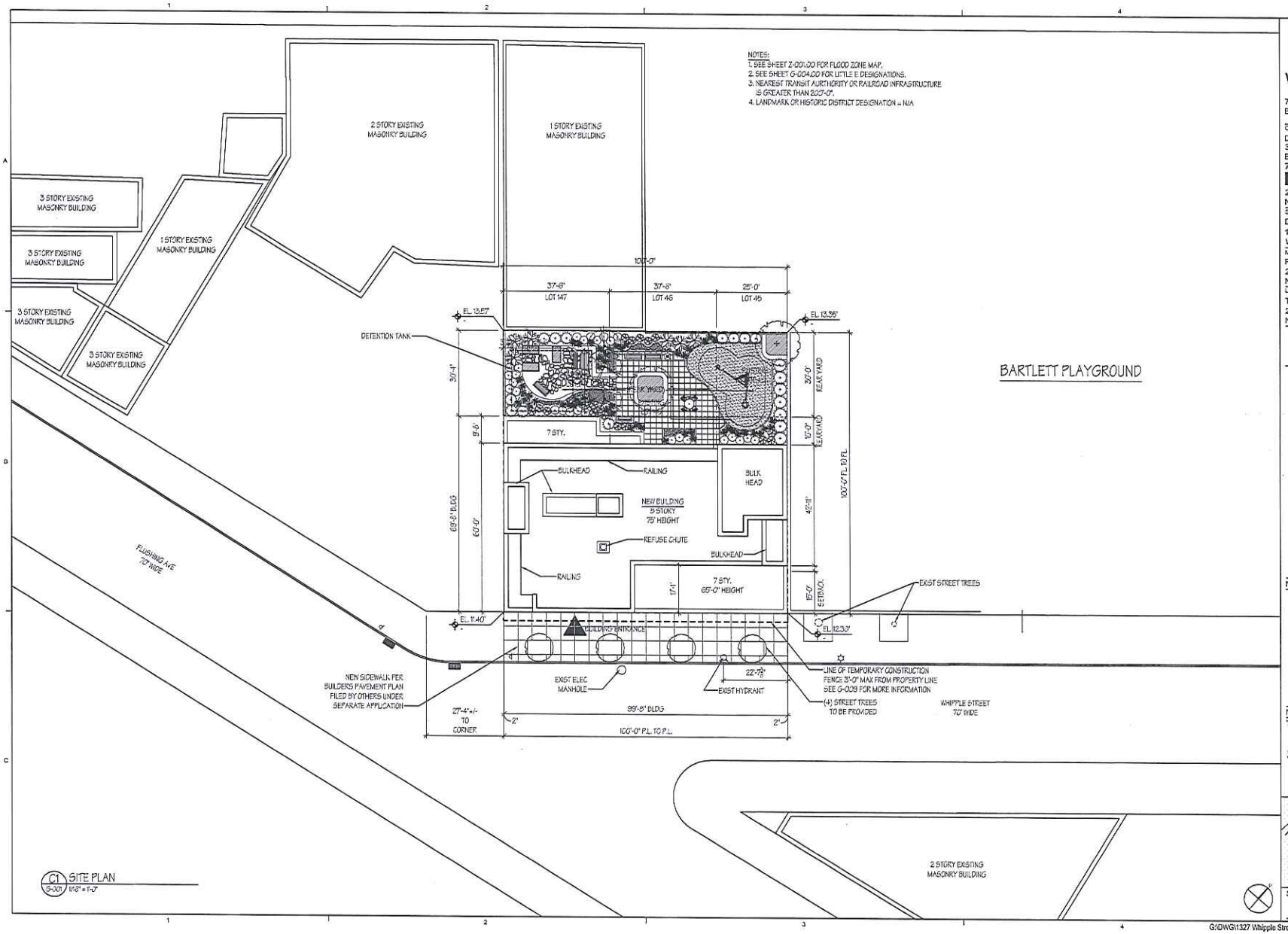
Graphic Scale in Feet
(Approximate)

N

Adapted from Google Earth

CA RICH CONSULTANTS, INC.
17 Dupont Street,
Plainview, NY 11803

TITLE: **SITE LOCATION MAP**	DATE: **2/3/14**
	SCALE: **1"=700'**
FIGURE: **2**	DRAWN BY: **JP**
DRAWING:	**Whipple Apartments** **7 Whipple Street** **Brooklyn, New York**
	APPR. BY: **VW**



Whipple Apartments

7 Whipple Street
Brooklyn, NY, 11206

Owner
DUNN DEVELOPMENT CORP.
316 Douglass Street, 2nd FL
Brooklyn, New York 11217

Architect
CURTIS + GINSBERG ARCHITECTS LLP
299 Broadway, Suite 1107
New York, New York 10007

Structural Engineer
DE NARDIS ENGINEERING LLC
15 Reservoir Road
White Plains, New York 10603

MEP
RODKIN CARDINALE CONSULTING ENG.
224 West 29th Street
New York, New York 10001

Landscape Architect / Builders Pavement Plan
THE RBA GROUP INC
27 Union Square West, 4th Floor
New York, New York 10003

Figure 3

Redevelopment Plan

No.	Date	Revision

12/16/13 DOB SUBMISSION

10/11/13 HPD SUBMISSION - BLDS REVIEW

No.	Date	Submission

Title:

SITE PLAN

©2013 CURTIS + GINSBERG ARCHITECTS LLP

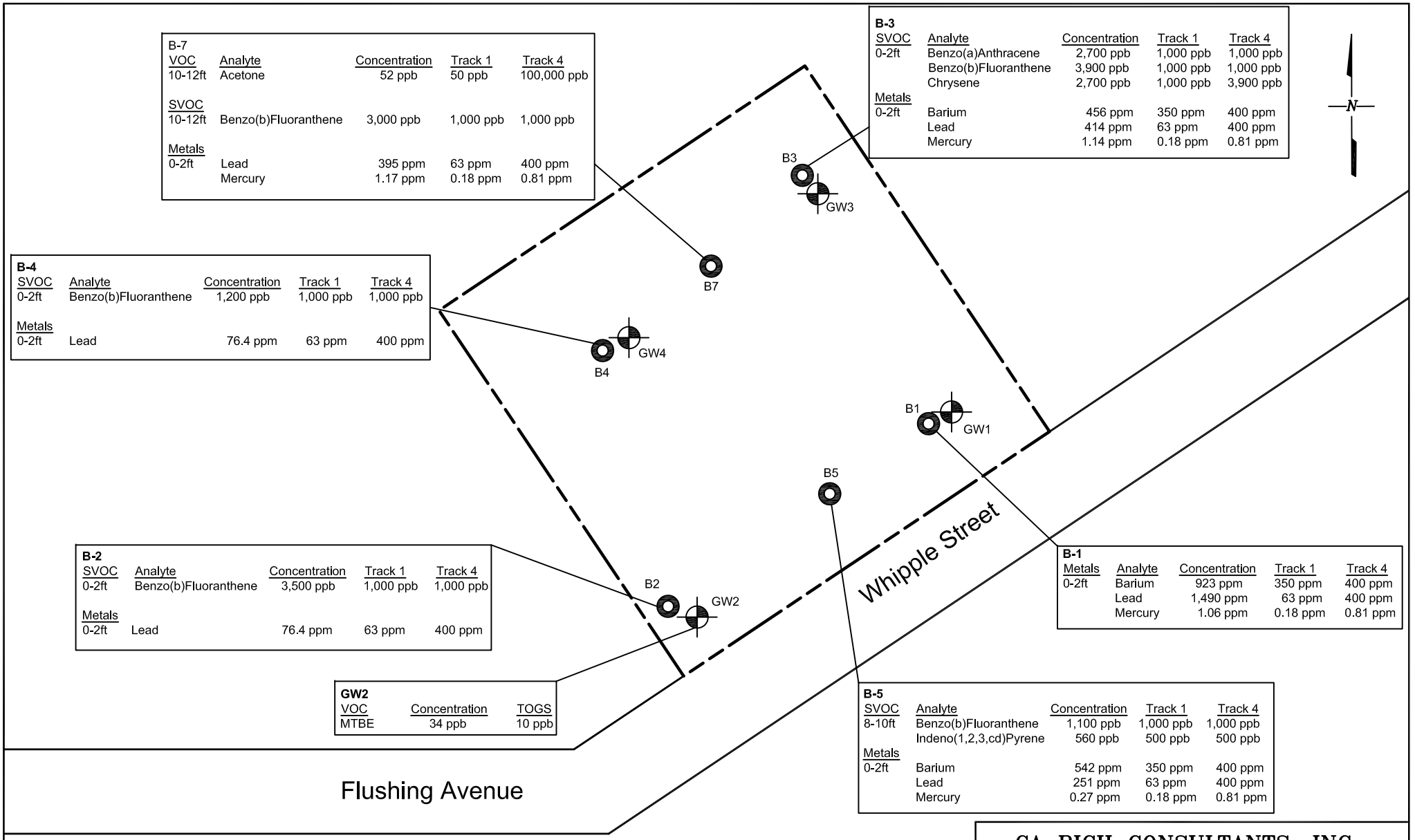
Job No.: 1327
Date: DECEMBER 16, 2013
Scale: AS NOTED
Drawn By: MBM
Checked By: MEG

Sheet No.:
2 of 80

G-001.00

G:\DWG\1327 Whipple Street\10.0 Drawings\10.1 CAD\10.12 Sheets\SITE PLAN.dwg

12/16/2013 9:53 AM G:\DWG\1327 WHIPPLE STREET\10.0 DRAWINGS\10.1 CAD\10.12 SHEETS\SITE PLAN.DWG last saved by: Kwon



Notes:
1) Soil results are compared to the NYSDEC Part 375 Unrestricted Residential (Track 1) and Restricted Residential (Track 4) Soil Cleanup Objectives
2) Groundwater results are compared to the NYSDEC Technical and Operational Guidance Series (TOGS) for Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998

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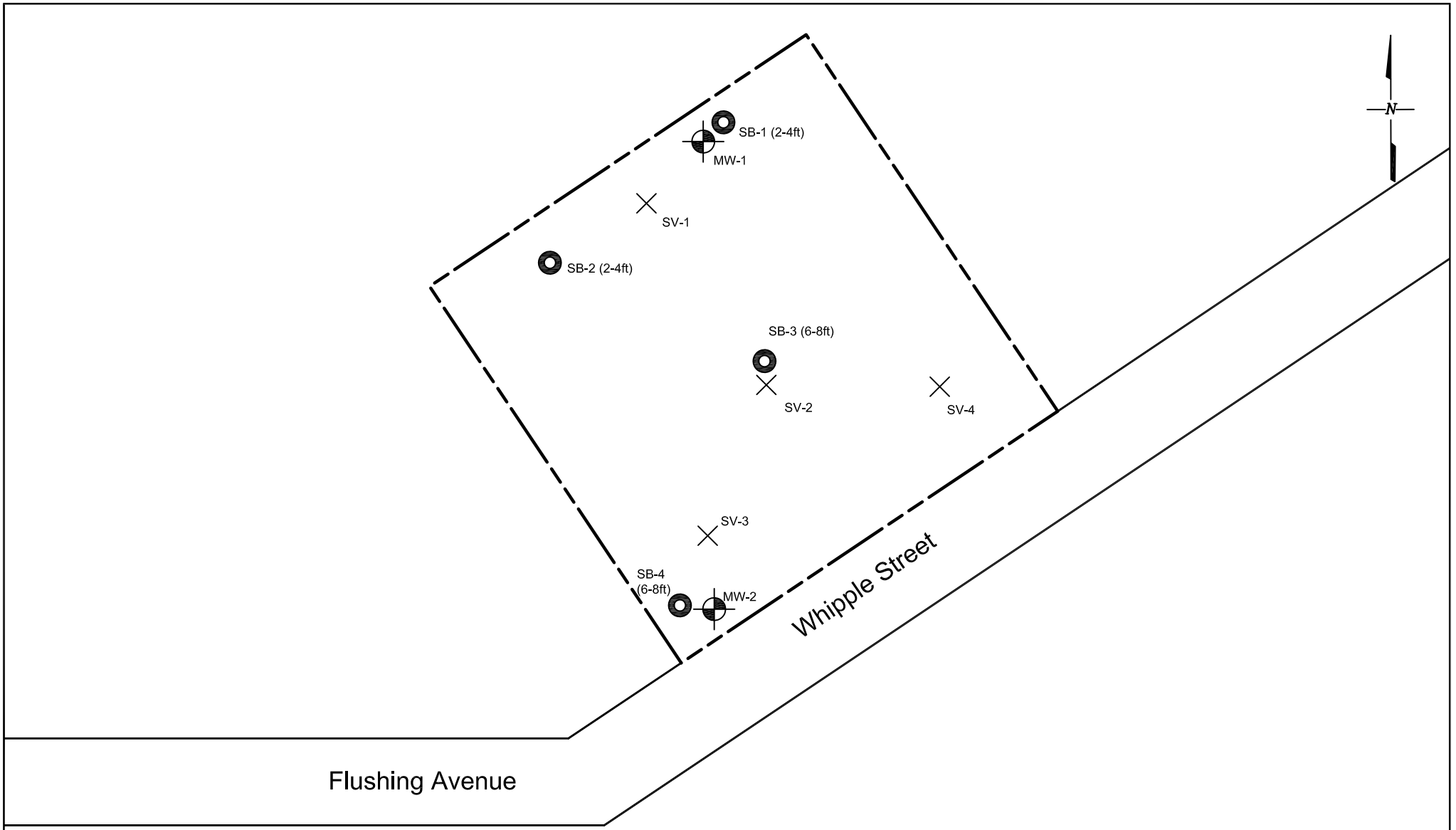
TITLE: Previous Subsurface Investigation Exceedances Map		DATE: 2/4/2014
		SCALE: As Shown
FIGURE: 4	7 Whipple Street Brooklyn, NY	DRAWN BY: T.R.B.
DRAWING NO: 2013-3		APPR. BY: V.W.

H:\Drawings\Dunn\Whipple Street\2013-3



Legend

- Groundwater Sample Location
- Soil Boring Location
- Soil Vapor Sample Location

Approx. Scale (ft)

0 10 25 50

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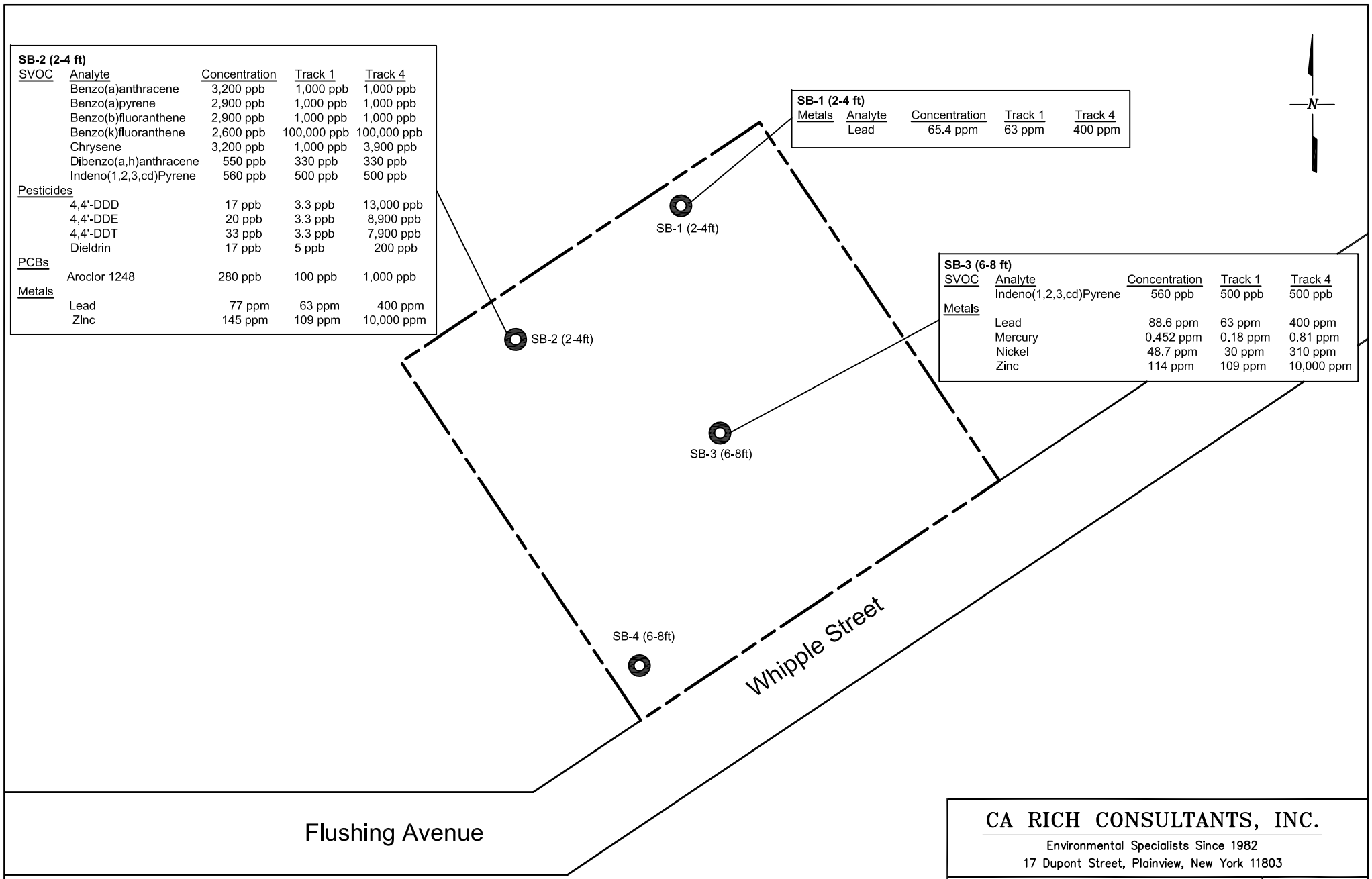
TITLE: Location of Soil Borings, Wells, and Soil Vapor Samples		DATE: 1/28/2014
		SCALE: As Shown
FIGURE: 5	7 Whipple Street Brooklyn, NY	DRAWN BY: T.R.B.
DRAWING NO: 2013-2		APPR. BY: V.W.

H:\Drawings\Whipple Street\2013-2



Legend

Soil Boring Location

Notes:
1) Soil results are compared to the NYSDEC Part 375 Unrestricted Residential (Track 1) and Restricted Residential (Track 4) Soil Cleanup Objectives
2) No exceedances were found in SB-4 (6-8 ft)

Approx. Scale (ft)

0 10 25 50

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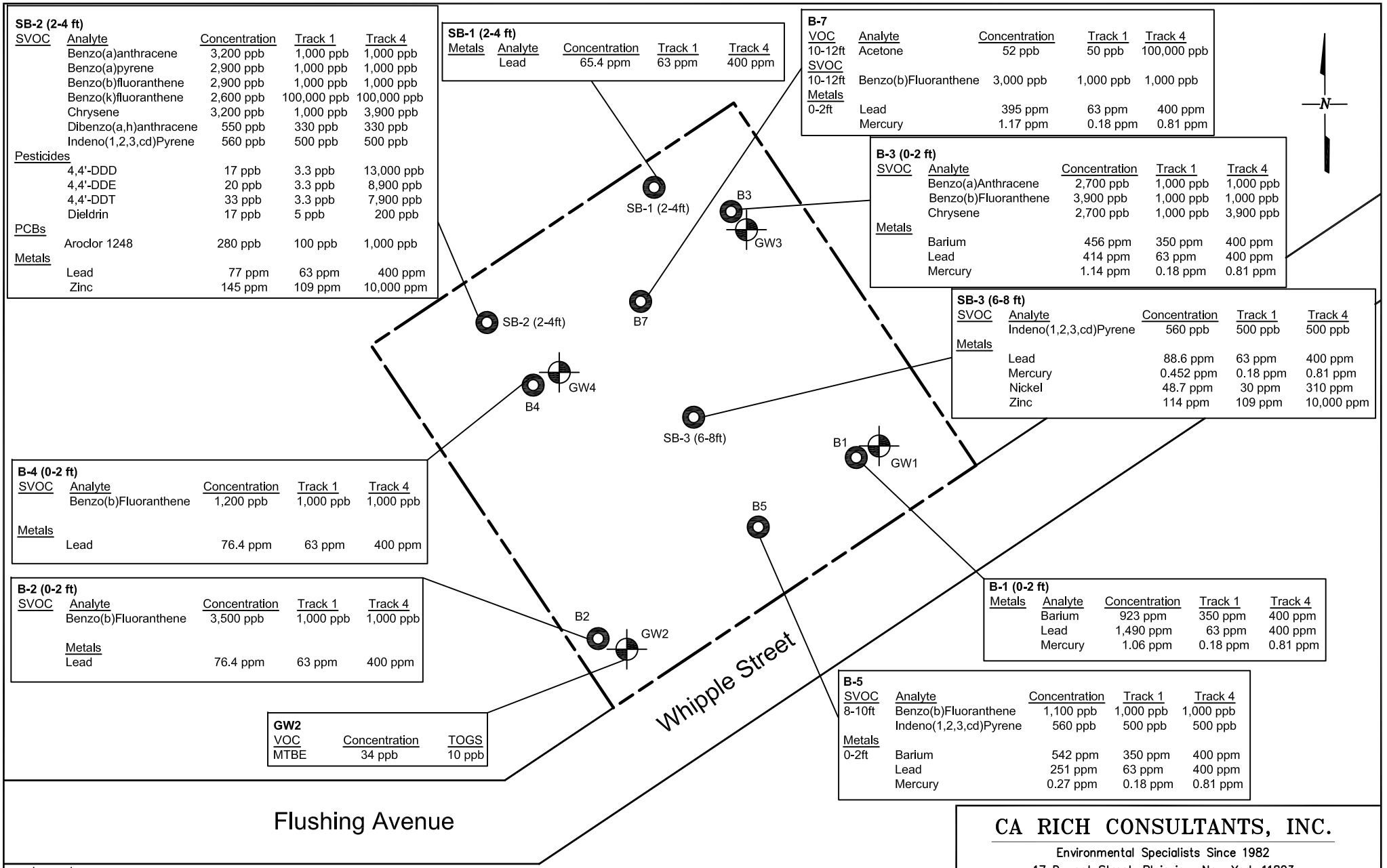
TITLE: Map of Soil Chemistry Exceedances	DATE: 2/3/2014
	SCALE: As Shown
FIGURE: 6	DRAWN BY: T.R.B.
DRAWING NO: 2014-1	APPR. BY: V.W.

7 Whipple Street
Brooklyn, NY

H:\Drawings\Dunn\Whipple Street\2014-1



SB-2 (2-4 ft)

SVOC	Analyte	Concentration	Track 1	Track 4
	Benzo(a)anthracene	3,200 ppb	1,000 ppb	1,000 ppb
	Benzo(a)pyrene	2,900 ppb	1,000 ppb	1,000 ppb
	Benzo(b)fluoranthene	2,900 ppb	1,000 ppb	1,000 ppb
	Benzo(k)fluoranthene	2,600 ppb	100,000 ppb	100,000 ppb
	Chrysene	3,200 ppb	1,000 ppb	3,900 ppb
	Dibenzo(a,h)anthracene	550 ppb	330 ppb	330 ppb
	Indeno(1,2,3,cd)Pyrene	560 ppb	500 ppb	500 ppb
Pesticides				
	4,4'-DDD	17 ppb	3.3 ppb	13,000 ppb
	4,4'-DDE	20 ppb	3.3 ppb	8,900 ppb
	4,4'-DDT	33 ppb	3.3 ppb	7,900 ppb
	Dieldrin	17 ppb	5 ppb	200 ppb
PCBs				
	Aroclor 1248	280 ppb	100 ppb	1,000 ppb
Metals				
	Lead	77 ppm	63 ppm	400 ppm
	Zinc	145 ppm	109 ppm	10,000 ppm

SB-1 (2-4 ft)

Metals	Analyte	Concentration	Track 1	Track 4
	Lead	65.4 ppm	63 ppm	400 ppm

B-7

VOC	Analyte	Concentration	Track 1	Track 4
10-12ft	Acetone	52 ppb	50 ppb	100,000 ppb
SVOC				
10-12ft	Benzo(b)Fluoranthene	3,000 ppb	1,000 ppb	1,000 ppb
Metals				
0-2ft	Lead	395 ppm	63 ppm	400 ppm
	Mercury	1.17 ppm	0.18 ppm	0.81 ppm

B-3 (0-2 ft)

SVOC	Analyte	Concentration	Track 1	Track 4
	Benzo(a)Anthracene	2,700 ppb	1,000 ppb	1,000 ppb
	Benzo(b)Fluoranthene	3,900 ppb	1,000 ppb	1,000 ppb
	Chrysene	2,700 ppb	1,000 ppb	3,900 ppb
Metals				
	Barium	456 ppm	350 ppm	400 ppm
	Lead	414 ppm	63 ppm	400 ppm
	Mercury	1.14 ppm	0.18 ppm	0.81 ppm

SB-3 (6-8 ft)

SVOC	Analyte	Concentration	Track 1	Track 4
	Indeno(1,2,3,cd)Pyrene	560 ppb	500 ppb	500 ppb
Metals				
	Lead	88.6 ppm	63 ppm	400 ppm
	Mercury	0.452 ppm	0.18 ppm	0.81 ppm
	Nickel	48.7 ppm	30 ppm	310 ppm
	Zinc	114 ppm	109 ppm	10,000 ppm

B-4 (0-2 ft)

SVOC	Analyte	Concentration	Track 1	Track 4
	Benzo(b)Fluoranthene	1,200 ppb	1,000 ppb	1,000 ppb
Metals				
	Lead	76.4 ppm	63 ppm	400 ppm

B-2 (0-2 ft)

SVOC	Analyte	Concentration	Track 1	Track 4
	Benzo(b)Fluoranthene	3,500 ppb	1,000 ppb	1,000 ppb
	Metals			
	Lead	76.4 ppm	63 ppm	400 ppm

GW2

VOC	Concentration	TOGS
MTBE	34 ppb	10 ppb

B-1 (0-2 ft)

Metals	Analyte	Concentration	Track 1	Track 4
	Barium	923 ppm	350 ppm	400 ppm
	Lead	1,490 ppm	63 ppm	400 ppm
	Mercury	1.06 ppm	0.18 ppm	0.81 ppm

B-5

SVOC	Analyte	Concentration	Track 1	Track 4
8-10ft	Benzo(b)Fluoranthene	1,100 ppb	1,000 ppb	1,000 ppb
	Indeno(1,2,3,cd)Pyrene	560 ppb	500 ppb	500 ppb
Metals				
0-2ft	Barium	542 ppm	350 ppm	400 ppm
	Lead	251 ppm	63 ppm	400 ppm
	Mercury	0.27 ppm	0.18 ppm	0.81 ppm

Legend

Monitoring Well Location

Soil Boring Location

Approx. Scale (ft)

0 10 25 50

Notes:
1) Soil results are compared to the NYSDEC Part 375 Unrestricted Residential (Track 1) and Restricted Residential (Track 4) Soil Cleanup Objectives
2) Groundwater results are compared to the NYSDEC Technical and Operational Guidance Series (TOGS) for Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998

H: \Drawings\Dunn\Whipple Street\2014-5

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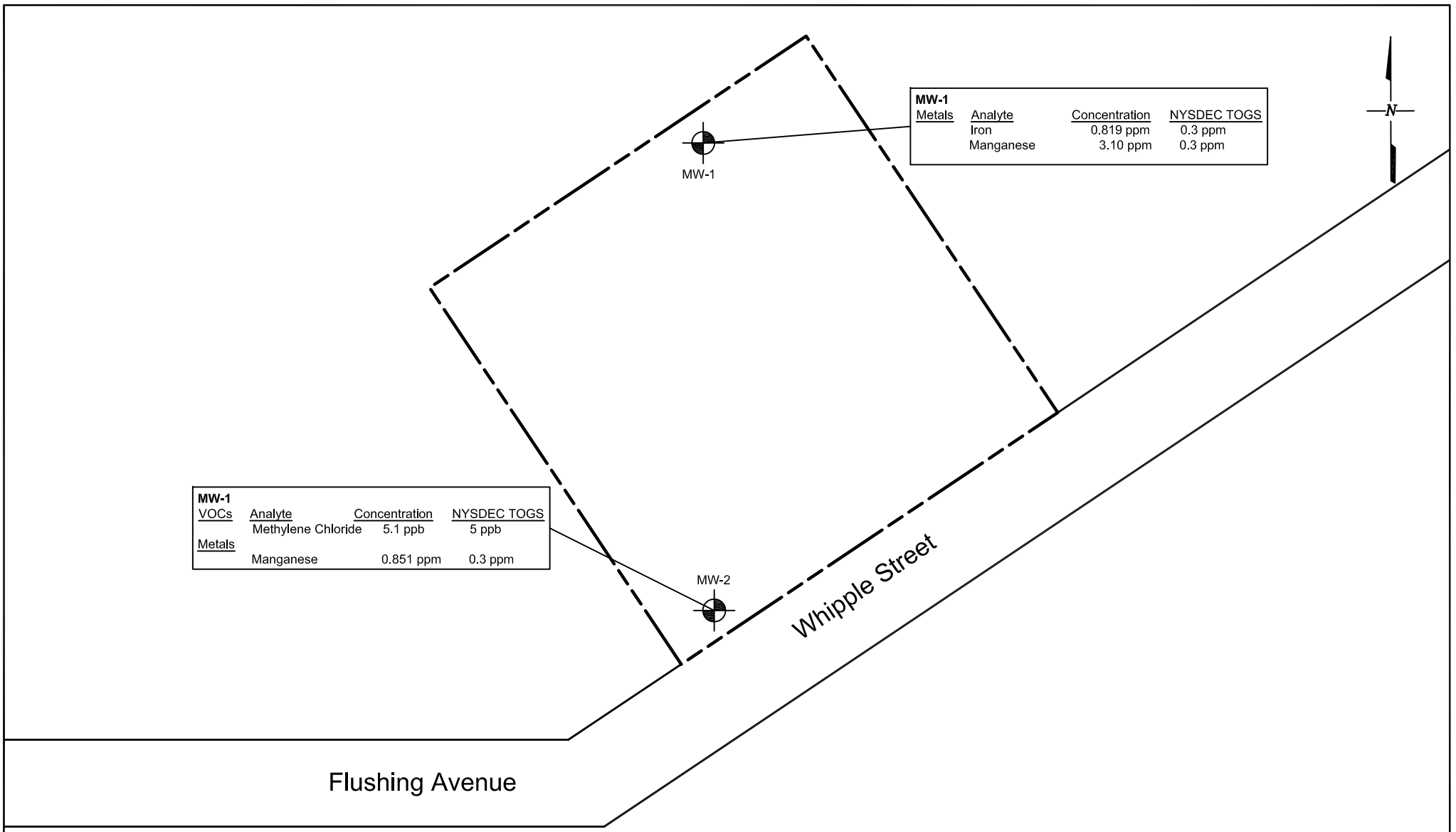
TITLE: Previous Subsurface Investigation and Remedial Investigation Exceedances Map	DATE: 2/4/2014
	SCALE: As Shown
FIGURE: 7	DRAWN BY: T.R.B.
DRAWING NO: 2014-5	APPR. BY: V.W.

7 Whipple Street
Brooklyn, NY



Legend

Groundwater Sample Location

Approx. Scale (ft)

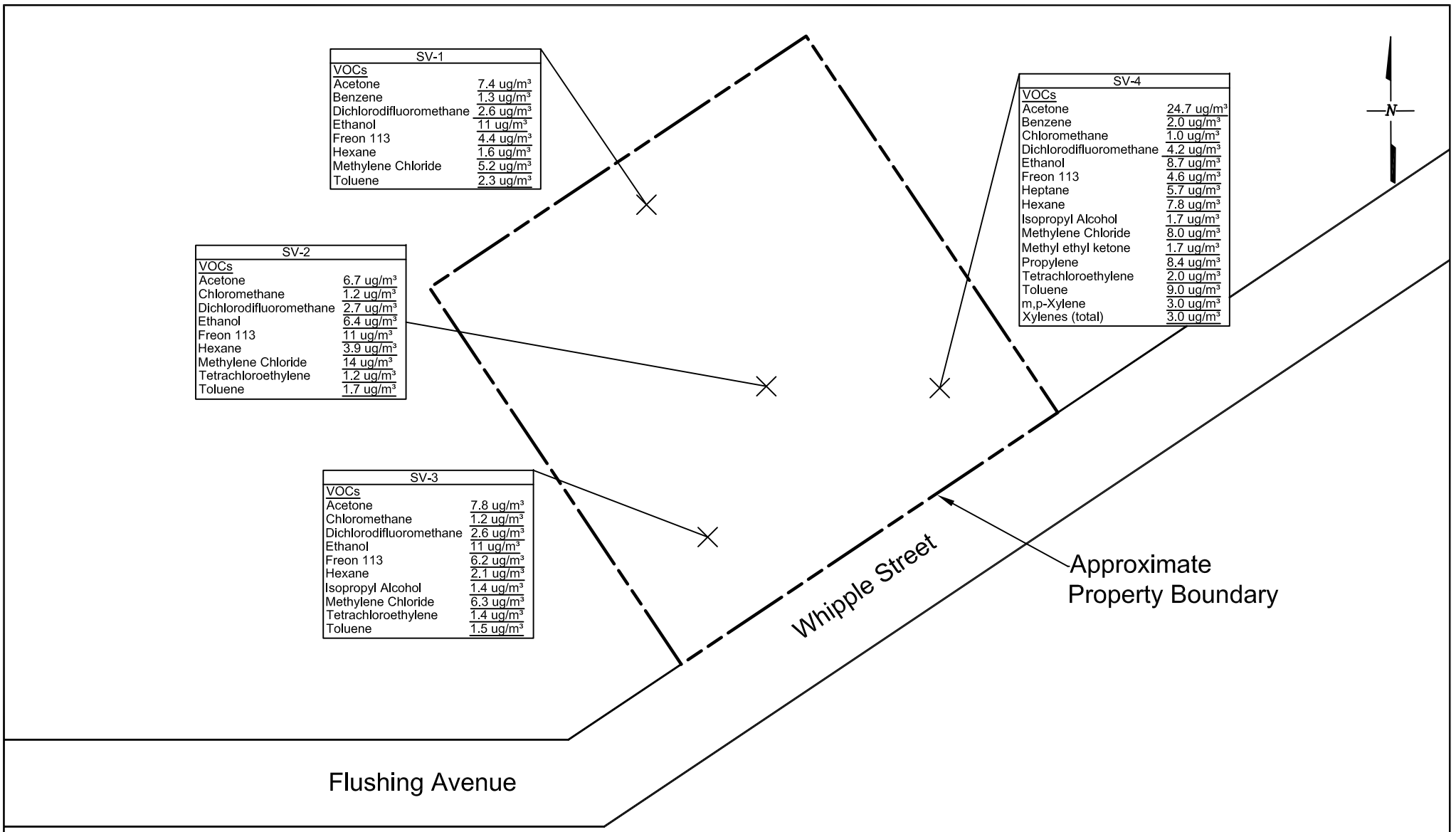
0 10 25 50

Notes:
1) Groundwater results are compared to the NYSDEC Technical and Operational Guidance Series (TOGS) for Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations; June 1998

H:\Drawings\Dunn\Whipple Street\2014-2

CA RICH CONSULTANTS, INC.
Environmental Specialists Since 1982
17 Dupont Street, Plainview, New York 11803

TITLE: Map of Groundwater Chemistry Exceedances		DATE: 2/3/2014
		SCALE: As Shown
FIGURE: 8	7 Whipple Street Brooklyn, NY	DRAWN BY: T.R.B.
DRAWING NO: 2014-2		APPR. BY: V.W.



CA RICH CONSULTANTS, INC.
Environmental Specialists Since 1982
17 Dupont Street, Plainview, New York 11803

TITLE: Map of Soil Vapor Chemistry Results		DATE: 1/29/2014
		SCALE: As Shown
FIGURE: 9	7 Whipple Street Brooklyn, NY	DRAWN BY: T.R.B.
DRAWING NO: 2014-3		APPR. BY: V.W.

H:\Drawings\Dunn\Whipple Street\2014-3

Appendix A

Historical Reports

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

September 20, 2013

EBC Project No: TRG1305

5-11 Whipple Street, Brooklyn, NY 11206

Block 2272, Lot Nos. 45, 46 & 147

Prepared for:

The Rabsky Group
39 Heyward Street
Brooklyn, NY 11205

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 Middle Country Road. Ridge, New York 11961
Phone: 631.504.6000 Fax: 631.924.2870

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EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of The Rabsky Group: 5-11 Whipple Street, Brooklyn, New York, 11206. The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

The Site consists of a three contiguous tax parcels located on the north side of Whipple Street, in the Williamsburg section of the Borough of Brooklyn, City of New York, Kings County, New York. The Site is identified by the street address of 5-11 Whipple Street, and as Block 22726 – Lot Nos. 45, 46, and 147 on the New York City (NYC) tax maps. The lots are rectangular-shaped (100 feet by 100 feet; total) and approximately 10,000 square feet (s.f.) total, with approximately 100 feet of frontage along Whipple Street.

EBC was able to establish a history for the property dating back to 1887. In 1887, the Site was developed with four (4) mixed use commercial and residential buildings and two (2) small sheds. From 1904 to 1965, the Site is developed with three (3) five-story mixed use commercial and residential buildings. From 1977 to 1980, the Site was developed with one three-story residential building. From 1981 to present the Site has been vacant land. In 2005, the site was occupied by a car rental company, Star Car rental and Allen Jarvis

RECOGNIZED ENVIROMENTAL CONDITIONS

Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed no recognized environmental conditions in connection with the Site.*

The following environmental issue was identified for the Site:

The property was assigned an E-designation (E-238) for Noise, Hazmat and Air during the Broadway Triangle action completed by the City in December 22, 2009. The E-designation requires an environmental review and issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the property can be redeveloped. The E-designation does not affect the current use of the property.

.

1.0 INTRODUCTION

1.1 Purpose

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of the The Rabsky Group: 5-11 Whipple Street, Brooklyn, NY, 11206 (**Figure 1**). The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

1.2 Scope of Services

The assessment consisted of a visual inspection of the site and surrounding areas, interviews, a review of historical information and maps, and a review of pertinent local, state, federal and facility records. Environmental Data Resources (EDR) of Southport, Connecticut, provided the following information: a computerized database search of environmental compliance records of sites within an ASTM standard radius of the property, a Sanborn fire insurance map search, and a historical telephone directory search.

EBC reviewed the environmental database report compiled by EDR as a part of the assessment. The purpose of the review was to identify reported listings for the Site or other properties in the site vicinity. Databases reviewed included federal and state lists of known or suspected contaminated sites, lists of known handlers or generators of hazardous waste, lists of known waste disposal facilities, and lists of aboveground and underground storage tanks (ASTs and USTs). EBC's review of the database has been incorporated into this report along with a copy of the EDR report.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

1.3 Significant Assumptions

EBC has made the following assumptions in the preparation of this report:

1. Groundwater – The depth to groundwater at the Site is approximately 10 feet below grade surface (bgs). Groundwater is expected to flow to the northwest, consistent with the regional trend.
2. Regulatory Records Information – EBC assumes that all information provided by EDR regarding the regulatory status of facilities within the ASTM Standard approximate minimum search distance is complete, accurate and current.
3. Other - EBC assumes that all information provided through interviews is complete and unbiased.

1.4 Limitations and Exceptions

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

1. The data presented in this report are from visual inspections, examination of records in the public domain, and interviews with individuals having information about the site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by EBC.
4. EBC's Phase I ESA report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, or

regulations, or policies of federal, state, or local government agencies. EBC does not assume liability for financial or other losses or subsequent damage caused by or related to any use of this document.

5. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
6. This report is based, in part, on information supplied to EBC by third-party sources. While efforts have been made to substantiate this third-party information, EBC cannot attest to the completeness or accuracy of information provided by others.

1.5 Special Terms and Conditions

Authorization to perform this assessment was given by a proposal for services between The Rabsky Group and EBC.

1.6 User Reliance

This report was prepared for the exclusive use of The Rabsky Group; no other party may use the report without the written authority of EBC.

2.0 PROPERTY DESCRIPTION AND PHYSICAL SETTING

2.1 Location and Legal Description

The Site consists of a three contiguous tax parcels located on the north side of Whipple Street, in the Williamsburg section of the Borough of Brooklyn, City of New York, Kings County, New York. The Site is identified by the street address of 5-11 Whipple Street, and as Block 22726 – Lot Nos. 45, 46, and 147 on the New York City (NYC) tax maps. The lots are rectangular-shaped (100 feet by 100 feet; total) and approximately 10,000 square feet (s.f.) total, with approximately 100 feet of frontage along Whipple Street.

According to the most recent deeds, obtained from the New York City Registrar, the current owners of the Site are 11 Whipple Realty Corp. A copy of the deed is attached in **Appendix B**.

2.2 Site Characteristics

The property is currently a vacant lot. Vehicles were observed to be parked on the lot. Site topography is generally level. The south, west and east sides of the Site are secured with a chain link fence.

Photographs taken during of the Site during the site inspection are attached in **Appendix A**.

2.2.1 Utilities

As the Site is currently undeveloped, no utilities are directly provided to the property. Electric, telephone, natural gas, water and sanitary utilities were observed along the adjacent roadways (Whipple Street).

2.3 Physical Setting

The topography of the site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Brooklyn, New York (NY) Quadrangle (Figure 3), which indicates that the Site has a topographic elevation of approximately 14 feet above mean sea level (amsl). The Site is relatively flat with the general topographic gradient sloping downward to the northwest.

2.3.1 Surface Water

The east river is located approximately 1.3 miles to the northwest of the Site.

2.3.2 Soils

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. Soil maps, based on the State Soil Geographic (STATSGO) Database, are compiled by generalizing more detailed Soil Survey Geographic (SSURGO) database maps.

According to the STATSGO data, the soil component in the vicinity of the Site is identified as Urban Land and is described as having a variable surface texture. The STATSGO database states that additional subordinant soil types may be present in the general vicinity of the Site. These soil types are described as mainly loamy sand and silt loam. Deeper soil types consist of very gravelly, loamy sand, unweathered bedrock and stratified sandy loam.

Additional information regarding the soil classification is also included in on Page A-4 of the Environmental Data Resources, Inc. (EDR) database report (Appendix E).

2.3.3 Groundwater

Estimated groundwater levels and flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or de-watering operations. Generally, groundwater flow typically mimics surface topography and will also tend to flow towards nearby bodies of water. Information contained in the EDR database report, the USGS Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy and Lloyd Aquifers Beneath Long Island, March-April 2006 (**Figure 5**), the USGS web site and topographic map were used to estimate groundwater depth and flow direction.

Based upon a surface elevation of 14 feet amsl, the depth to groundwater in the vicinity of the Site is approximately 10 feet below grade surface (bgs). Groundwater is expected to flow to the northwest consistent with the regional trend.

2.3.4 Radon Risk

Radon is a colorless, radioactive, inert gas formed by the decay of radium and may be present in soils and rocks containing granite, shale, phosphate and pitchblende. The USEPA's Map of Radon Zones for New York State, September 1993, indicates that the Brooklyn area is not a radon risk area. The EDR

report provides information from the New York State Department of Health (NYSDOH) radon survey which indicates that 51 radon tests have been conducted in Kings County. Test results indicate average radon concentrations of 0.750 pCi/L (first floor level) and 1.370 pCi/L (basements). Based on these data, radon does not likely represent an environmental concern.

3.0 PROPERTY USAGE

3.1 Current Property Usage

The property is currently a vacant lot and Site topography is generally level. Vehicles were observed to be parked on the lot. The south, west and east sides of the Site are secured with a chain link fence.

A review of New York City Department of Buildings (NYCDOB) records and the NYC Department of City Planning Zoning map indicates that the Site is zoned R7A residential (**Figure 5**), and has been since at least December 2009.

3.2 Current Usage of Adjoining/Surrounding Properties

A summary of the uses of the surrounding/adjacent properties is described below. Photos of the exterior of adjacent properties are attached in **Appendix A**.

Surrounding Property Usage

Direction	Property Description
North	a vacant lot and a commercial building (30 Bartlett Street)
South	Whipple Street, beyond which is residential buildings
East	A park
West	Vacant land

3.3 Historical Usage of Site and Surrounding Properties

Historical sources researched to determine past usage of the Site and surrounding properties are as follows:

Sanborn Fire Insurance Maps - Sanborn fire insurance maps for the Site and surrounding area were reviewed for the years 1887, 1904, 1918, 1935, 1947, 1950, 1965, 1977, 1979, 1980, 1981, 1982, 1984 1986, 1987, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The review is summarized in Section 3.3.1. Copies of Sanborn maps are included as **Appendix C**.

City Directory Abstract - A directory of historical telephone listings at the Site and surrounding properties were reviewed from approximately five year intervals for the years 1928 through 2007. The review is summarized in Sections 3.3.2 below. A copy of the City Directory is included in **Appendix D**.

3.3.1 Sanborn Fire Insurance Maps - Site and Adjacent Properties

The historical usage of the Site and adjacent properties, identified through Sanborn map review, is summarized below:

1887

Subject Site:

The Site is developed with four (4) residential and commercial building and two small sheds.

Adjacent properties:

The property adjacent to the north appears to be developed with residential buildings. The property adjacent to the east and west appears to be developed with mixed use commercial and residential buildings. Whipple Street borders the Site to the South, beyond which is developed with commercial and residential buildings.

1904

Subject Site:

The Site is developed with three (3) mixed use commercial and residential structures.

Adjacent properties:

The surrounding properties remain consistent with the 1887 Sanborn map.

1918

Subject Site:

The site remains consistent with the 1904 Sanborn map.

Adjacent properties:

The properties adjacent to the south, east and west remain consistent with the 1904 Sanborn map. The properties adjacent to the north are developed with commercial and residential buildings. The commercial building is occupied by a bottling works company.

1935

Subject Site:

The Site remains consistent with the 1918 Sanborn map.

Adjacent properties:

The properties adjacent to the north, west and south remain consistent with the 1918 Sanborn map. The property adjacent to the east appears to be developed with a commercial building which is occupied a woodworking company.

1947-1950

Subject Site:

The Site remains consistent with the 1935 Sanborn map

Adjacent properties:

The properties adjacent to the north, south and west remain consistent with the 1935 Sanborn map. The property adjacent to the east is developed with a commercial building occupied by a laundry facility.

1965

Subject Site:

The site remains consistent with the 1950 Sanborn map.

Adjacent properties:

The properties adjacent to the west, north and south remain consistent with the 1950 Sanborn map. The property adjacent to the east is vacant land.

1977-1980

Subject Site:

The Site appears to be developed with one residential building.

Adjacent properties:

The surrounding properties remain consistent with the 1965 Sanborn map.

1981-2007

Subject Site:

The Site appears to be vacant land.

Adjacent properties:

The property adjacent to the north is developed with a garage. The properties adjacent to the east and west are vacant land. The property adjacent to the south is not visible on this Sanborn map.

The Sanborn maps did not note the presence a gasoline storage tanks or other environmental concerns associated with the Site.

3.3.2 City Directory Listings

EDR conducted a search and provided copies of available historical city directory listings for the subject and adjacent properties. The historical city directory listings (**Appendix D**) were reviewed, to identify information regarding past uses of the subject and surrounding properties to determine if historical usage represented a REC to the subject property.

Historical city directory information is summarized as follows:

Date	Property Information
1934	**Subject Property:** Names associated with residential occupancy (5) **Adjacent Properties:** Address not listed in research source
1970	**Subject Property:** Names associated with residential occupancy (5 and 9) **Adjacent Properties:** Address not listed in research source
1973	**Subject Property:** Names associated with residential occupancy (5 and 9) **Adjacent Properties** Address not listed in research source
1976	**Subject Property:** Names associated with residential occupancy (5) **Adjacent Properties:** Address not listed in research source
2005	**Subject Property:** Star Car Rental and Allen Jarvis AV (11) **Adjacent Properties:** Address not listed in research source
2002	**Subject Property:** Address not listed in research source **Adjacent Properties:** Flushing Supply Corp (670 Flushing)
2007	**Subject Property:** Address not listed in research source **Adjacent Properties:** Flushing Supply Corp (670 Flushing)

Information regarding additional surrounding properties identified on the City Directory search is included with the search in **Appendix D**. The city directory indicated that the Site was occupied by residential tenants from 1934 to at least 1976. In 2005, the Site was occupied by a commercial car rental AV.

3.3 Site History Summary

EBC was able to establish a history for the property dating back to 1887. In 1887, the Site was developed with four (4) mixed use commercial and residential buildings and two (2) small sheds. From 1904 to 1965, the Site is developed with three (3) five-story mixed use commercial and residential buildings. From 1977 to 1980, the Site was developed with one three-story residential building. From 1981 to present the Site has been vacant land. In 2005, the site was occupied by a car rental company, Star Car rental and Allen Jarvis

4.0 USER PROVIDED INFORMATION

4.1 Title Records

As of the date of this report the user has not requested that EBC perform a title search.

4.2 Environmental Liens

An environmental lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property, including, but not limited to, liens imposed pursuant to CERCLA 42 USC § 9607 (1) & 9607(r) and similar state and local laws.

The user has not made EBC aware of any environmental liens against the Site and has not requested that EBC perform an environmental lien search for the Site.

4.3 Specialized Knowledge

The user has not made EBC aware of any specialized knowledge regarding the chemicals or processes formerly in use at the Site or surrounding property.

4.4 Commonly Known or Reasonably Ascertainable Information

The user has not made EBC aware of any commonly known or reasonably ascertainable information regarding the past uses of the Site, specific chemicals in use at the Site or any spills, chemical releases or environmental cleanups at the Site.

4.5 Valuation Reduction for Environmental Issues

The user has not made EBC aware of any valuation reduction regarding the sale price of the property.

4.6 Owner, Property Manager and Occupant Information

According to New York City Department of Finance records, the current owner of the site is identified as 11 Whipple Street Realty.

4.7 Reason for Performing Phase I ESA

The Phase I ESA was performed to identify recognized environmental conditions at the Site as part of the due diligence to support the acquisition of the property by The Rabsky Group.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Environmental Data Resources (EDR) of Southport, Connecticut was retained to provide a computerized database search of the project area within an ASTM-standard radius of the Site. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists. Detailed information concerning each database list is provided in the EDR report (**Appendix E**). A summary of standard environmental record sources researched is as follows:

5.1.1 Federal Databases

The table below summarizes the Federal databases that were searched.

Federal Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
USEPA	National Priority List	NPL	1.0 mile
USEPA	National Priority List Deletions	Delisted NPL	1.0 mile
USEPA	Comprehensive Environmental Response Compensation and Liability Act Registry	CERCLIS	0.5 mile
USEPA	CERCLIS No Further Remedial Action Planned	CERCLIS-NFRAP	0.5 mile
USEPA	Resource Conservation and Recovery Act Corrective Action Activity	CORRACTS	1.0 mile
USEPA	Resource Conservation and Recovery Act Treatment/Storage/Disposal Facilities	RCRA TSD	0.5 mile
USEPA	Resource Conservation and Recovery Act Small/Large Quantity Hazardous Waste Generators	RCRA SQG/LQG	Site and Adjoining
USEPA	Federal Institutional/Engineering Control registries	US INST/ENG Controls	Site
USEPA	Emergency Response Notification System	ERNS	Site
USEPA	Superfund (CERCLA) Consent Decrees	CONSENT	1.0 mile
USEPA	Records of Decision	ROD	1.0 mile
USEPA	Mines Master Index	MINES	0.25 mile

Federal NPL List - The National Priority List (NPL) is the United States Environmental Protection Agency (USEPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the federal Superfund Program.

Findings: The Site is not listed as an NPL facility. No NPL sites were identified within a 1-mile radius of the Site.

Federal Delisted NPL List – NPL Delisted Sites are former NPL sites that have been remediated and removed from the USEPA's priority list. Sites are deleted where the USEPA has determined that no further response is appropriate.

Findings: The Site is not identified as a Delisted NPL facility. There were no Delisted NPL sites identified within a one-mile radius of the Site.

Federal CERCLIS List - The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

Findings: The Site is not listed as a CERCLIS facility. No CERCLIS site within a half-mile radius of the Site.

Federal CERCLIS-NFRAP List – No Further Remedial Action Planned (NFRAP) sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of USEPA's knowledge, assessment at a site has been completed and that USEPA has determined no further steps will be taken to list this site on the National Priorities List (NPL).

Findings: The Site is not listed as a CERCLIS-NFRAP facility. Two (2) CERCLIS-NFRAP sites were identified within a 1/4 mile radius of the Site. These sites are located in excess of ¼-mile from the Site and are hydraulically cross-gradient from the Site. Based on the relative distance from the Site and inferred direction of groundwater, these sites are not expected to represent a significant environmental concern.

Federal RCRA CORRACTS List - The RCRA Corrective Actions (CORRACTS) database is the USEPA's list of hazardous waste treatment, storage or disposal facilities subject to corrective action under RCRA.

Findings: The Site is not listed as a RCRA CORRACTS facility; (2) RCRA CORRACTS sites were identified within a one mile radius of the Site. These sites are not located adjacent to the Site and are hydraulically cross-gradient from the Site. Based on the relative distance and inferred direction of groundwater flow, these sites are not expected to represent a significant environmental concern.

Federal RCRA Treatment, Storage and Disposal Facilities - The USEPA Resource Conservation and Recovery Act (RCRA) program identifies reporting facilities that treat, store or dispose of hazardous waste.

Findings: The Site is not listed as a RCRA TSDF and no TSDFs were identified within a ½ mile radius of the Site.

Federal RCRA Generators - The RCRA Generators database is a compilation of reporting facilities that generate hazardous waste. A LQG is a site which generates more than 1,000 kilograms (kg) of hazardous waste during any one calendar month and can store waste on-site for up to 90 days. A SQG is a site which generates more than 100 and less than 1,000 kg of hazardous waste during any one calendar month and accumulates less than 6,000 kg of hazardous waste at any time; or a site which generates less than 100 kg of hazardous waste during any one calendar month and accumulates less than 1,000 kg of hazardous waste at any time. A CESQG is a site which generates less than 100 kg of hazardous waste or less than one kg of acutely hazardous waste during any one calendar month. A NonGen site is a former registered/regulated generator which does not presently generate hazardous waste.

Findings: The Site is not listed as a RCRA-LQG, RCRA-SQG, RCRA-NonGen facility or RCRA-CESQG. Four (4) RCRA-LQG, six (6) RCRA-SQG, seven (7) RCRA-CESQG and thirteen (13) RCRA NonGen facilities were identified within a 1/4 mile radius of the Site. None of these sites are located adjacent to the Site. According to the EDR database, no violations are listed or corrective action has been taken for the listed violations. Based on this information, these sites are not expected to represent a significant environmental concern.

Federal Institutional/Engineering Controls – Federal Institutional/Engineering Controls databases list sites with institutional/engineering controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Findings: No Federal Institutional/Engineering Controls were listed for the Site and no sites were identified within a ½ mile radius of the Site.

Federal Emergency Response Notification System - The Emergency Response Notification System (ERNS) is national database used collect information on reported releases of oil or hazardous substances.

Findings: Neither the Site nor the adjacent properties were identified in the ERNS databases.

Federal Superfund Consent Decrees - The Superfund Consent Decrees (CONSENT) list identifies major legal settlements that establish responsibility and standards for cleanup at NPL sites.

Findings: Neither the Site nor any property within one mile of the Site is identified in the CONSENT database.

Federal Records of Decision - Record of Decision (ROD) documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

Findings: Neither the Site nor any property within one mile of the Site is identified as a ROD site.

Federal Master Mines Index - The Master Mines Index (MINES) file contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Findings: The Site is not listed as a MINES sites. One (1) property within ¼ mile of the Site is listed in the MINES database. This site is located within $^{1}/_{8}$ mile of the Site and is further discussed below:

Pfizer Inc at 13 Bartlett Street is located 456 feet to the west (hydrologically cross-gradient) of the subject property. This site is identified with a Mine identity number of 3000319. According to the database, the operation class for this property is "non-mining". This site was also identified as a CORRACTS site and has been discussed in prior sections. Based on the nature of the listing and assumed direction of groundwater flow, this listing does not represent a significant environmental concern.

5.1.2 New York State Databases

The table below summarizes the State databases that were searched.

New York State Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
NYSDEC	Inactive Hazardous Waste Disposal Sites in New York State	SHWS	1.0 mile
NYSDEC	Solid Waste Facility Register	SWF	0.5 mile
NYSDEC	Registered Recycling Facilities	SWRCY	0.5 mile
NYSDEC	Registered Waste Tire Storage Facilities	SWTIRE	0.5 mile
NYSDEC	Leaking Underground Storage Tank Sites	LTANKS	0.5 mile
NYSDEC	Petroleum Bulk Storage (PBS)	UST/AST	Site and Adjoining
NYSDEC	Chemical Bulk Storage (CBS)	CBS AST/UST	Site and Adjoining
NYSDEC	Institutional/Engineering Control registries	INST/ENG Controls	Site
NYSDEC	Voluntary Cleanup Agreements	VCP	0.5 mile
NYSDEC	Brownfield sites	Brownfields	0.5 mile
NYSDEC	Major Oil Storage Facilities	MOSF	0.5 mile
NYSDEC	New York State Spills	NYSPILLS	0.125 mile
NYSDEC	Dry Cleaner Site	Drycleaners	0.25 mile

NYS Inactive Hazardous Waste Disposal Sites - The New York State Department of Environmental Conservation (NYSDEC) maintains a state priority list of Inactive Hazardous Waste Disposal Sites (SHWS) considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment. Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance/waste sites.

Findings: The Site is not listed as a SHWS site. No SHWS facilities were identified within a one mile radius of the Site.

Hazardous Substance Waste Disposal Sites - The Hazardous Substance Waste Disposal Sites (HSWDS) list includes any known or suspected hazardous substance waste disposal sites. Also included are sites de-listed from the Registry of Inactive Hazardous Waste Disposal Sites list and non-Registry sites that USEPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Findings: The Site is not listed as on the HSWDS database. Two (2) HSWDS sites were identified within a one-half mile radius of the Site. These sites are located in excess of ¼ mile from the Site. Based on the relative distance, these sites are not expected to represent a significant environmental concern.

NYS Landfill - The NYSDEC Solid Waste Facility Register records contain an inventory of solid waste disposal facilities or landfills in New York State.

Findings: The Site is not listed as a landfill facility and two (2) landfill sites were identified with half-mile radius of the Site. These sites are located in excess of ¼-mile from the Site. Based on the relative distance and inferred direction of groundwater flow, these sites are not expected to represent a significant environmental concern.

NYS Registered Recycling Facilities - The Registered Recycling Facilities List (SWRCY) is a NYSDEC list of recycling facilities.

Findings: The Site is not listed as a SWRCY site. No SWRCY sites were identified within a ½ mile radius of the Site.

NYS Registered Waste Tire Storage Facilities - The Registered Recycling Facilities List (SWTIRE) is a NYSDEC list of Registered Waste Tire Storage & Facility List.

Findings: The Site is not listed as a SWTIRE site. There were no SWTIRE sites identified within a ½ mile radius of the Site.

NYS Leaking Underground Storage Tank Sites - The Leaking Underground Storage Tank Sites (LTANKS) database contains a NYSDEC inventory of reported leaking storage tank incidents. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Findings: The Site is not identified as a LTANKS site. However, thirty-five (35) LTANK sites were identified within ½ mile of the Site. None of these sites is located adjacent to the Site. All of the sites within 1/8-mile of the Site have received closure. The remaining sites located greater than $^{1}/_{8}$ mile of the Site, have received closure from the NYSDEC and/or a willing and responsible party has been identified and corrective action has been taken. Based on this information, these LTANKS sites are not expected to present a significant environmental concern to the Site.

NYS Petroleum Bulk Storage - The NYSDEC Petroleum Bulk Storage - Underground Tanks (UST) database lists facilities with a petroleum storage capacity of more than 1,100 gallons and less than 400,000 gallons. The NYSDEC Petroleum Bulk Storage - Aboveground Tanks (AST) database lists facilities with registered above ground storage tanks.

Findings: The Site is not listed as a UST or a Hist UST site. The Site is not listed as a AST or Hist AST site. Thirteen (13) UST sites, five (5) HIST UST sites, and fifteen (15) AST sites are registered within a ¼ mile radius of the Site. None of the UST, Hist UST or AST sites are located adjacent to the Site. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Most tanks in the area hold home heating oil for on-site boilers and furnaces. Sites with leaking tanks or spills are addressed in the appropriate section.

NYS Chemical Bulk Storage - The Chemical Bulk Storage (CBS) database is a NYSDEC list of facilities that store regulated hazardous substances in aboveground tanks (AST) with capacities of 185 gallons or greater or underground tanks (UST) of any size.

Findings: The Site is not identified as a CBS facility. No CBS-UST sites were identified and one (1) CBS-AST site and one (1) CBS site (both listings for the same property) was identified

within a 1/8 mile radius of the Site. This site is located down-gradient to the Site and no violations or releases of hazardous materials were identified in connection with this property. Based on this information, this property is not expected to represent a significant environmental concern.

NYS Institutional/Engineering Controls – NYSDEC list of Environmental Remediation sites with Institutional or Engineering Controls in place.

Findings: Neither the Site nor any site within a ½ mile of the Site was identified in the NYSDEC Institutional/Engineering Controls databases.

NYS Voluntary Cleanup Agreements - The NYSDEC Voluntary Cleanup Program (VCP) database identifies hazardous waste sites undergoing private sector cleanup as part of redevelopment.

Findings: The Site was not identified as a VCP site. Three (3) VCP sites were identified within a one-half mile radius of the subject property. None of these sites are located adjacent to the Site and are all located hydraulically down or cross gradient from the Site. Based on the relative distance from the Site and inferred direction of groundwater flow, these sites are not expected to represent a significant environmental concern.

NYS Brownfields - A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Findings: The Site was not identified as a Brownfield site. One (1) Brownfield site is located within 1/4 mile of the Site. This site is located in excess ¼-mile from the Site and are hydraulically down-gradient. Based on this information, this site is not expected to represent a significant environmental concern.

NYS Major Oil Storage Facilities - The NYSDEC Major Oil Storage Facilities (MOSF) database lists facilities or vessels with a petroleum storage capacity of more than 400,000 gallons.

Findings: The Site was not identified as an MOSF. No MOSF UST sites or MOSF AST sites were identified within ½ mile of the Site.

NYS Spills - The New York State Spills Information Database (NY SPILLS) contains data collected on chemical and petroleum spill incidents reported to NYSDEC since April 1, 1986.

Findings: The Site is not listed within either the NY SPILLS or NY Hist SPILLS databases. However, twenty-three (23) spill sites were identified within $^1/_8$ mile of the Site. All of the sites have received closure with the exception of one site.

Amoco is located at 665 Flushing Avenue, approximately 328 feet west southwest (hydraulically cross gradient from the Site. According to the regulatory database, a release occurred on July 30, 2001 from pipe runs discovered in 1984. In 1990, twelve (12) 550-gallon gasoline USTs were removed and replaced with a new 4,000-gallon double walled UST. Several rounds of soil and groundwater sampling have occurred for this site and samples indicate contaminated soil is present. Based on the inferred direction of groundwater flow, this site is not expected to represent a significant environmental concern.

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSDF.

Findings: The Site is not listed as a MANIFEST site. Twenty nine (29) manifest sites were identified within a ¼ mile radius of the Site. These sites are not located adjacent to the Site. Documentation of proper storage, transfer, and disposal of hazardous materials is not considered to represent a significant environmental concern.

Drycleaner Sites - The NYSDEC maintains a listing of all registered drycleaners. Drycleaner sites do not necessarily pose a hazard unless a spill occurs. Sites at which spills have been identified are addressed in the appropriate section.

Findings: The Site is not identified as drycleaner. One (1) Drycleaner site was identified within ¼ mile of the site. This site is located within $^1/_8$ mile of the Site and is not an adjacent property. This listing is further discussed in detail below:

Harrison Dry Cleaners at 209 Harrison Avenue # A is located 374 feet to the west

(hydraulically cross-gradient) of the Site. According to the database, registration as a dry cleaner has been effective since August 5, 2005 and an onsite inspection was conducted at this property on September 17, 2007. No violations or releases of hazardous materials were identified in connection with this property. Based on this information and the assumed direction of groundwater flow, this listing is not expected to represent a significant environmental concern.

NYS Manufactured Gas Plants - Manufactured gas plants (MGP) were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar, sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Findings: The Site is not identified as an MGP site. Five (5) MGP sites were identified within a one-mile of the Site. These sites are located in excess of ½-mile from the Site. Based on the distance from the Site, these sites are not expected to represent a significant environmental concern.

E Designation - The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designation also includes a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Findings: The Site was identified as an E Designation site. Fifty (50) were identified within ¼ mile radius of the Site. One (1) adjacent site was identified. The Site and adjacent property listings are further discussed below:

- The Site (Lots 45, 46, 147 Block 2272 at 5-11 Whipple Street) was identified as an E Designation site and is assigned the E number of E-238, with the descriptions of "Hazardous Materials Phase I and Phase II testing protocol", "air quality – natural gas heat and hot water" and "window wall attenuation and alternate ventilation". This designation came into effect on December 22, 2009. 11 Whipple Realty Corp was identified as the owner of the Site. No further information was available from the EDR database for review. This listing is further discussed in the previous sections.

- The south adjacent property at 2 Whipple Street (hydraulically cross-gradient) was identified as an E Designation site and is assigned the E number of E-238, with the descriptions of "Hazardous Materials Phase I and Phase II testing protocol", "air quality – natural gas heat and hot water" and "window wall attenuation and alternate ventilation". This designation came into effect on December 22, 2009. The owners name was identified as Aristides Theoharaki. No other releases or violations in connection with this site were identified during the course of this investigation. Based on this information and the fact that this site is down-gradient to the Site, this listing is not considered a REC.

The remaining listed sites are not located adjacent to the Site and/or have no violations /releases associated with them. Based on this information, these listings are not considered as RECs.

EDR Historical Auto Stations - EDR has searched selected national collections of business directories and has collected listings of potential gas station/ filling station/ service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/ filling station/ service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station etc.

Findings: The Site was not identified as an EDR Historical Auto Station site. Twenty two (22) sites were identified within ¼ mile of the Site. None of these sites is located adjacent to the Site. Information provided within the EDR report indicates that the remaining sites are not associated with any violations. Therefore, it is unlikely that these facilities present a

significant environmental risk to the Site, and they are not considered RECs.

EDR Historical Cleaners - EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry etc.

Findings: The Site was not identified as an EDR Historical Cleaners site. Four (4) sites were identified within ¼ mile of the Site. These sites are not located adjacent to the Site and information provided within the EDR report indicates that no violations or releases of hazardous materials were identified in connection with these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs.

5.2 Additional Environmental Record Sources

5.2.1 Local Agency Review

Freedom of Information Act (FOIA) requests were sent to the New York City Department of Environmental Protection (NYCDEP), New York City Fire Department, New York City Department of Health (NYCDOH) and the New York City Fire Department (FDNY) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

5.2.2 New York City Department of Finance

The following is a summary of pertinent information obtained from the New York City Department of Finance website:

Tax Lot:	Block 2272– Lot Nos. 45, 46 & 147
Address:	5-11 Whipple Street

Owner:	11 Whipple Realty Corp
Lot Size:	100 by 100 feet – rectangular
Building Class:	G7- Garage / Gas Station
Zoning:	Residential (R7A)

5.2.3 New York City Department of Buildings

The Department of Buildings (DOB) computerized Property Profile Overviews (PPOs) were reviewed. Pertinent information regarding Site is summarized below:

5 Whipple Street

No records were on file for this address.

7 Whipple Street

According to the PPO, two (2) actions are listed for the Site in reference to a new building (1989) and sprinklers (1990). No active violations or complaints were listed for the Site. One (1) jobs dated in 2002 listed as disapproved was on file for the Site. The Department of Finance Building Classification for the Site is G7-Garage/Gas Station. In addition the Site was identified as an E designation (Hazmat/Noise/Air) site within the NYCDOB records.

9 Whipple Street

No records were on file for this address.

11 Whipple Street

No records were on file for this address.

5.2.4 Previous Environmental Reports

A phase II investigation was preformed by EBC at the Site on May 29, 2013.

Soil Sampling
Eight soil boring locations (B1 through B5 and B7) were selected to gain representative soil quality information from across the site.

All borings were advanced with Geoprobe™ direct push equipment and sampled with a 5 foot macro core sampler using disposable acetate liners. Soil was characterized by a Qualified Environmental Professional (QEP) and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

At each of the soil boring locations, soil samples were collected continuously from grade to a depth of 15 feet below grade. Retrieved sample cores were field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Soil was characterized as fill materials in the top 0-5 feet followed by silty sands and sandy clays to the termination depth.

A minimum of two soil samples were retained from the six boring locations, one surface sample representing the 0-2 foot interval and one sample at the interval(s) in which physical evidence of contamination or an elevated PID reading was observed. In the absence of such evidence samples were retained from interval representing the groundwater interface.

Groundwater Sampling

Four groundwater samples were collected to gain representative groundwater quality information from across the site. Polyethylene tubing fitted with a stainless steel check valve was used to purge and collect groundwater samples from borings B1 through B4. Sample tubing was replaced between each sample location. Groundwater was encountered at approximately 10 feet below grade.

Sample Handling and Analysis

Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Select soil samples were analyzed for volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic Compounds (SVOCs) by USEPA method 8270 (CP-51 List), RCRA Metals and TCLP Lead. Groundwater samples were analyzed for VOCs by USEPA Method 8260.

Results

Soil sample results were compared to the Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC CP51 Soil Cleanup Guidance (10/21/10). Groundwater results were compared to the New York State 6NYCRR Part 703.5 Class GA groundwater standards. One VOC was detected within one of the 14 soil samples retained. Acetone was detected slightly above Unrestricted Use SCOs in sample B7 (10-12ft). No other VOCs were detected. Four (4) SVOCs were detected above NYSDEC Restricted Residential Use SCOs in 4 of the 6 shallow soil samples and 1 deep sample. SVOC exceedences included benz(a)anthracene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. The metals barium, lead and mercury were detected in shallow soil above Restricted Residential SCOs in all 6 shallow samples. Overall, these findings are consistent with observations for shallow historic fill sites in areas throughout NYC.

One VOC was detected within one of the four groundwater samples obtained. Methyl t-butyl ether (MTBE) was detected above NYSDEC groundwater standards in MW2, at a concentration of 34 µg/L. No other VOCs were detected. As MTBE was not detected in any soil samples collected from the Site, and the sample was obtained adjacent to the southern property boundary, this is indicative of an off-site source of contamination.

5.2.5 Historic Zoning Map

A review of the NYC Department of City Planning Zoning Maps for the years 1961 through 2012 indicates that the Site has been zoned residential R7A from 2009 to 2012 with the special E-238 designation showing up in the 2009 zoning maps. From approximately 1961 to 2009 the Site was zoned as manufacturing M1-2. A copy of the December 1961 zoning map is included as **Figure 5B**.

5.2.6 Activity and Use Limitations

A search was conducted for Activity and Use Limitations (AULs) associated with the subject properties, more specifically Institutional Controls (ICs) and/or Engineering Controls (ECs), which have been placed upon the property as a result of environmental issue identified at the property. In the City of New York, information on such AULs is maintained by the City of New York Department of City Planning (NYCDCP) and is commonly depicted on zoning maps with an "E" designation, as well as maintained within Chain of Title Records. For a site to be designated with an "E" restriction, several criteria must be met. First, a property must be included within a designated re-zoning area, then the property must be identified as a "Potential" or "Projected" re-development property, and finally, the

site must be listed on one or more environmental regulatory databases as listed in the ASTM standard, be adjacent to such a site, and/or have historical usage associated with hazardous materials with the potential to impact human health and/or the environment should a release have occurred. Sites with an "E" designation require additional investigation and/or remediation be performed in order to determine if the historical use of a property, typically manufacturing or chemical usage, have impacted the site. No change of use or development requiring a building permit will be issued for an "E" designated site without approval from the NYCOER.

The search for environmental liens and AULs also included a review of information available from the New York City Department of Finance, New York City DOB, the EDR database report, City of New York Environmental Quality Review Requirement Declarations, City of New York Zoning maps, and the NYCDCP and NYCOER websites. The Site was identified as an "E" designated site and is discussed in previous sections.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Ms. Sara Babyatsky of EBC performed the site inspection on May 29, 2013, beginning at approximately 8:30 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties.

Photographs taken during the inspection are attached (**Appendix A)**.

6.2 Observations

The property is currently a vacant lot. Site topography is generally level. The south, west and east sides of the Site are secured with a chain link fence.

6.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

EBC did not note any AST or USTs during the site inspection.

6.4 Hazardous and Non-Hazardous Chemical Storage and Disposal

EBC did not note hazardous or non hazardous chemical storage and or disposal during site inspection.

6.5 Underground Injection Control (UIC) Structures

Underground injection wells are regulated by the Underground Injection Control (UIC) Program under the authority of Part C of the Safe Drinking Water Act (SDWA) (42 U.S.C. 300h et seq.). The SDWA is designed to protect the quality of drinking water in the United States, and Part C specifically mandates the regulation of underground injection fluids through wells. The USEPA has promulgated a series of UIC regulations under this authority. Recent applicable revisions to UIC regulations were published in the State Implementation Guide - Revisions to the Underground Injection Control Regulations for Class V Injection Wells, September 2000. This document specifically addresses Class V injection wells, which include on-site wastewater disposal features such as drywells, cesspools and in-situ drains. The USEPA issued a Notice of Final Determination for Class V wells; Final Rule on June 7, 2002. With the exception of motor vehicle waste disposal wells and large-capacity cesspools, Class V wells are “authorized by rule” (40 CFR 144.24) and may inject non-hazardous waste as long as the following criteria are met:

- The injection does not endanger underground sources of drinking water (40 CFR 144.12); and
- The well owners or operators submit basic inventory information (40 CFR 144.26).

The USEPA may, at its discretion, require the owner or operator of any well authorized by rule to submit information for review to determine if a well may be endangering an underground source of drinking water. In regard to motor vehicle waste disposal wells and large capacity cesspools (those that serve more than 20 persons per day), owners and/or operators of such wells in regulated areas must close the wells or obtain a permit. These requirements are being phased-in through 2008. Owners and operators of large-capacity cesspools must close the structures by April 5, 2005.

As there are no on-site buildings, no sanitary wastewater is currently discharged from the property. The area surrounding the property is serviced by the NYC municipal sewer system.

6.6 Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls (PCBs) were used until 1978 and are a group of compounds formed by the chlorination of biphenyl. PCBs have extremely high physical and chemical stabilities which led to their being used in many applications, including heat transfer fluids, hydraulic fluids, and dielectrics. PCBs are often found in transformers, capacitors and hydraulic systems.

Electrical equipment containing PCBs are still in use and can pose a serious health hazard if fluids come in direct contact with humans, soil or groundwater. Fires involving electrical equipment containing PCBs can cause the material to be dispersed over a large area and potentially expose many people to a health risk. Because of the health hazard associated with PCBs, they are regulated under the Toxic Substances Control Act (TSCA).

No electrical transformers or other equipment suspected to contain PCBs were identified on or adjacent to the property at the time of the site inspection.

6.7 Asbestos

Asbestos is the name given to a group of fibrous silicate minerals, typically those of the serpentine group. The tensile strength, flexibility, and non-flammability of asbestos have led to many uses including structural materials, brake linings, insulation, and pipe manufacture. Asbestos is of concern as an air pollutant because when inhaled it may cause asbestosis, mesothelioma, and bronchogenic

carcinoma. In 1989, the USEPA announced regulations that would phase out most uses of asbestos by 1996.

As part of the site inspection, a visual survey was conducted of accessible areas for the presence of suspect asbestos-containing materials (ACM). As the Site is currently vacant land, EBC did not note any suspect asbestos containing materials.

6.8 Lead-Based Paint (LBP)

In 1978, the U.S. Product Safety Commission issued a ban on paints or surface coatings that contain greater than 0.06 percent lead. As there are currently no buildings located on the Site, there was no evidence of usage of Lead Based Paints.

6.9 Mold

Concern about indoor exposure to mold has been increasing as the public becomes aware that exposure to mold can cause a variety of health effects and symptoms, including allergic reactions. Molds can be found almost anywhere; they can grow on virtually any organic substance, as long as moisture and oxygen are present. There are molds that can grow on wood, paper, carpet, foods, sheetrock, plaster and insulation. When excessive moisture accumulates in buildings or on building materials, mold growth will often occur, particularly if the moisture problem remains undiscovered or unaddressed.

As part of this assessment, a visual inspection was conducted for the presence of water damage and odors, indicative of the potential for mold growth. No visual or olfactory evidence of mold was identified at the subject property during the site inspection.

6.10 Wetlands

A review of the NYSDEC Freshwater Wetland Map, Brooklyn Quadrangle, indicates that no NYS freshwater wetlands are located within a one mile radius of the Site. ECB also reviewed NYSDEC Tidal Wetlands Maps available online at http://twi.ligis.org. The tidal wetlands map indicates that there are no NYS tidal wetlands located within a one-mile radius of the Site.

Potential federal wetlands were identified from the U.S. Fish and Wildlife Service (FWS) Wetlands Mapper software, which indicate that no potential federal wetlands are located within a one mile radius of the Site. Additional information obtained from the FWS website is included in **Appendix B**.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the Site is located within the 100-year or 500-year flood zones. The FIRM showing the property (No. 3604970204F) indicates that the entire property is located outside the 100-year and 500-year flood zones. This indicates that there is a minimal risk of flooding at the Site. A copy of the FEMA FIRM is included in **Appendix B**.

7.0 INTERVIEWS

7.1 Owner

EBC did not interview the owner of the Site.

7.2 Occupants

The Site is vacant land and therefore EBC did not interview any occupants.

7.3 Local Government Officials

Freedom of Information Act (FOIA) requests were sent to the NYCDEP, NYCDOH and FDNY York City Department of Health (NYCDOH) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

8.0 FINDINGS AND OPINIONS

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, **No recognized environmental conditions were identified** in connection with the Site.

However, the following environmental issue was identified:

8.1 Additional Environmental Issues

The Site is identified as having a E designation (E-238) for Hazmat/Noise/Air. The property was assigned an E-designation during the Broadway Triangle action completed by the City in December 22 2009. The E-designation requires an environmental review and issuance of a Notice to Proceed before the property can be redeveloped. The E-designation does not affect current use of the property.

9.0 CONCLUSIONS AND RECOMMENDATIONS

EBC performed a Phase I Environmental Site Assessment in conformance with the scope and limitations as described under ASTM Practice E1527-05 for the commercial property identified by the street addresses of 5-11 Whipple Street, Block 2272 Lot Nos. 45, 46 and 147 in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. Based upon reconnaissance of the subject and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed no recognized environmental conditions in connection with the Site.*

As noted previously the property was assigned an E-designation for Hazmat during the Broadway Triangle action completed by the City in December 22, 2009. The E-designation requires an environmental review and issuance of a Notice to Proceed by the NYC Office of Environmental Remediation (OER) before the property can be redeveloped.

10.0 DEVIATIONS

This Phase I ESA was conducted in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process) an 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule). Excluding additional services outlined in Section 11.0, there were no deviations or deletions from this practice.

11.0 ADDITIONAL SERVICES

EBC has included, in addition to those items outlined by ASTM E 1527-05, a general evaluation of the following is a list of non-scope considerations, which may be addressed, in a limited capacity within this Phase I Environmental Site Assessment:

- Radon;
- Lead-based Paint;
- Asbestos-containing Materials; and
- Wetlands.

12.0 REFERENCES

Standard practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-05

All Appropriate Inquiry, Final Rule, 40 CFR Part 312

Environmental Data Resources, Inc. regulatory database report, September, 2013.

EDR Sanborn, Inc., Sanborn Map Report, September, 2011.

Environmental Data Resources, Inc. City Directory Search, September, 2013.

New York City Tax Assessor, records review - September2013.

New York City Department of Health, Freedom of Information request forwarded September 2013.

New York City Fire Department, Freedom of Information request forwarded September 2013.

New York City Department of Environmental Protection, Freedom of Information request forwarded September 2013.

New York City Building Department, records on-line review September 2013.

U.S.G.S. Topographic Map, Brooklyn, NY Quadrangle.

U.S. Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory Maps.

New York State Department of Environmental Conservation. Tidal Wetlands Maps, Kings County, New York.

Federal Emergency Management Agency (FEMA) Flood Zone Map Panel No. 3604970204F.

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Site. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Prepared By:

Chawinie Miller
Project Manager / Industrial Hygienist

Reviewed By:

Charles B. Sosik, P.G., P.H.G.
Principal

QUALIFICATIONS OF
ENVIRONMENTAL PROFESSIONAL

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Charles B. Sosik, PG, PHG, Principal

Professional Experience

24 years

Education

MS, Hydrogeology, Adelphi University, NY
BS, Geology, Northern Arizona University, AZ

Areas of Expertise

- Brownfields Redevelopment
- Hazardous Waste Site Investigations
- Pre-purchase Site Evaluations and Support
- Regulatory Negotiations
- Remedial Planning and "Cost to Cure" Analysis
- Strategic Planning
- Real Estate Transactions
- NYC "E" Designations

Professional Certification

- Professional Geologist, NH
- Professional Geologist, Hydrogeologist, WA
- OSHA 40-hr HAZMAT
- OSHA 8-hr. Supervisor

Professional Affiliation / Committees

- NYS Council of Professional Geologists (NYSCPG)
- Association of Groundwater Scientists & Engineers (AGSE)
- NYS RBCA Advisory Committee
- Massachusetts LSP Association
- New Hampshire Association of Professional Geologists
- Interstate Technology Regulatory Council/MTBE Team
- Environmental Business Association, Brownfields Task Force
- Part 375 Working Group

PROFILE

Mr. Sosik has 24 years of experience in environmental consulting. He specializes in advising clients on managing environmental compliance with federal, state, and municipal agencies and has successfully directed numerous investigation and remediation projects involving petroleum, pesticides, chlorinated solvents, heavy metals and radiologically activated media. His work included extensive three-dimensional investigations on MTBE, which have been used effectively to help shape public policy. He also has experience in applying models to groundwater related problems and has completed several large-scale projects to determine fate and transport of contaminants, establish spill scenarios, and closure criteria. His experience and expertise in the area of contaminant hydrogeology has resulted in requests from environmental attorneys, property owners and New York State to serve as an expert witness and technical advisor on a variety of legal disputes.

For the past 10 years Mr. Sosik has been primarily engaged in providing environmental consulting to developers responding to the extensive re-zoning of former industrial and commercial properties, which is currently taking place throughout New York City. These services include everything from pre-purchase evaluations and contract negotiations to gaining acceptance in and moving projects through the NYS Brownfields Program. Mr. Sosik has taken a pro-active role in the continued development of the NYS Brownfields Program and related policy, by attending numerous working seminars, active participation in work groups and task forces and by providing commentary to draft versions of new guidance documents. Throughout his professional career, Mr. Sosik has remained committed to developing innovative cost- efficient solutions to environmental issues, specifically tailored to the needs of his clients.

SELECTED PROJECTS

Scavenger Waste Treatment Facility (SWTF), Suffolk County, NY

Water Treatment Plant EIS - Focused EIS - In response to requests from the Suffolk County Council on Environmental Quality and the Brookhaven Conservation Advisory Council, Mr. Sosik prepared a focused EIS to evaluate the potential impacts to an important surface water resource from the proposed facility including cumulative and synergistic effects with established contaminant plumes in the area.

Advanced Residential Communities, Rockville Centre, NY

Brownfield Project – As the senior project manager on this large scale, high profile redevelopment project, Mr. Sosik was asked to develop a plan to accelerate the regulatory process in the face of general community opposition. Through numerous discussions with the BCP management team, He was able to condense the schedule and review period, through the submission of supporting documents (Investigation Report, Remedial Work Plan) with the BCP application package. Community opposition, which focused on the environmental condition of the site as a means to block the project, was used to advantage in expediting approval of the aggressive interim remedial plan. This will allow the developer to begin remedial work approximately 5 months ahead of schedule.

Former Temco Uniform site, West Haverstraw, NY

Brownfield Project – Mr. Sosik took over management of this project from another consultant following transition of this VCP site to the BCP. Mr. Sosik used the opportunity to renegotiate and revise the scope of work to allow a more cost effective and focused investigation plan without re-writing or resubmitting the RIWP. During the NYSDEC's review of the transition package, he met with and coordinated changes with the NYSDEC Project Manager to gain approval. The result saved the client a significant amount of money, but perhaps more importantly in this case, did so without loss of time.

Grovick Properties, Jackson Heights, NY

Brownfield Project – This Brownfield property is somewhat unique in that it had been investigated and partially remediated by the NYSDEC through the petroleum spill fund. The client was interested in purchasing the property and redeveloping it as office and retail space. Mr. Sosik reviewed the NYSDEC investigation and developed a

supplemental plan to meet the requirements of an RI under the BCP program. By performing this limited amount of field work "up-front" he was able to complete an RI Report and Remedial Plan and submit both with the BCP application package. The NYSDEC and NYSDOH approved the RI Report and the Remedial Plan with minor changes. This cut 120 days from the review process and allowed the client to arrange financing and move his project forward knowing what the clean-up costs would be at the outset.

Metro Management, Bronx, NY

Brownfield Project – The site of a former gas station, the developer had planned to construct a 12-story affordable housing apartment complex with first floor retail space. Since the site was located in an Environmental zone, potential tax credits of 22% for site development, remediation and tangible property could be realized under the BCP. In a pre-application meeting with the NYSDEC, Mr. Sosik realized that the department did not believe the site was eligible for the BCP, since it had been previously investigated and closed under the spills program.

Mr. Sosik assisted the developer in securing financing, and due to the demands of an aggressive construction schedule developed an Interim Remedial Measure (IRM), based on chemical oxidation treatment. Working closely with the clients environmental counsel, Mr. Sosik was able to get the IRM approved without a public comment period. Implementation of the IRM is currently underway.

The project was awarded the 2009 NYC Brownfield Award for Innovation.

Brandt Airflex, NY

Technical Consulting Services - Mr. Sosik provided senior level technical advice and strategic planning in developing an off-site RI/FS for the site, in negotiating a tax reduction for the property due to the environmental condition and in preparing a cost to cure estimate for settlement between business partners. After achieving a favorable tax consideration and settlement agreement for his client

Allied Aviation Services, Dallas, Fort Worth, Airport, Dallas, TX

Jet Fuel Investigation - Mr. Sosik developed and managed an investigative plan to quickly identify the extent and source of jet fuel which was discharging from the Airport's storm drain system to a creek a mile away. Through the use of a refined conceptual model, accelerated investigative techniques and a flexible work plan, he was able to identify the source of the fuel and the migration route within a single week. He then identifled remedial options and successfully negotiated a risk based plan with the Texas regulatory agency that had issued a notice of enforcement action against the facility.

KeySpan – Former LILCO Facilities, Various NY Locations

Pesticide Impact Evaluation - Mr. Sosik developed, negotiated and implemented a site screening procedure to evaluate impact to public health and the environment as the result of past herbicide use at 211 utility sites. Using an unsaturated zone leaching model (PRZM) on a small subset of the sites, he was able to establish mass loading schedules for the remaining sites. This was combined with public well data in a GIS environment to perform queries with respect to mass loading, time transport and proximity to vunerable public supply wells. Using this approach Mr. Sosik was able to show that there were no concerns for future impact. This effort satisfied the public health and resource concerns of the state environmental agency and county health department in a reasonable amount of time and at a fraction of the cost of a full scale investigation.

Former Computer Circuits (Superfund) Site, Hauppauge, NY

CERCLA RI/FS - As Senior Project Manager for the site, he played a major role in regaining control of the investigation activites for the PRP. This action prevented the USEPA from initiating an extensive investigation at the site using a RAC II contractor allowing the client to perform a more efficient investigation. He was involved in all negotiations with EPA and was the project lead in developing a revised site characterization plan (work plan, field sampling plan, quality assurance plan, etc.). By carefully managing all phases of the investigation and continued interaction with each of the three regulatory agencies involved, Mr. Sosik was able to keep the project focused and incrementally reinforce the clients position. The estimated cost of the revised investigation is expected to save the client 1.5 to 2 million dollars.

Sun Oil, Seaford, NY

Remediation Consuliting Services & Project Management - Under an atmosphere of regulatory distrust, political pressure and mounting public hostility toward the client, Mr. Sosik conducted an off-site 3-D investigation to define the extent of contamination and the potential impact on public health. By designing and implementing an aggressive source area remediation program and personal interaction with the public and regulatory agencies, he was able to successfully negotiate a limited off-site remediation favorable to the client. Source area remediation was completed within 6 months and the project successfully closed without damage to the client's public image or working relationship with the regulatory agencies.

Con Edison, Various Locations, NY

Hydrogeologic Consulting Services - Under a general consulting contract, Mr. Sosik conducted detailed subsurface hydrogeologic investigations at five locations to assist in the development of groundwater contingency planning. He also developed and implemented work plans to investigate and remediate existing petroleum, cable fluid, and PCB releases at many of the generating facilities and substations. An important aspect of his role was in assisting the client in strategic planning and negotiations with the regulatory agency.

Keyspan - Tuthill Substation, Aqueboque, NY

Accelerated Site Characterization - Using accelerated site characterization techniques, Mr. Sosik presented the project as a case study in establishing the transport of an herbacide and its metobolites aplied at utility sites in the 1980's The results were then used to establish a screening method for evaluating 211 similar sites controlled by the client in a reasonable and eficient manner.

NYSDEC Spill, East Moriches, NY

Spill Release Analysis - With recognized expertise in the area of gasoline plume development on Long Island, Mr. Sosik was asked by

Charles B. Sosik, PG, PHG, Principal

the State to establish the release date (and principal responsible party) of an extensive petroleum spill, which impacted a residential neighborhood. He used multiple lines of evidence, and a new EPA model (HSSM), which he has helped to refine, to reconstruct the release scenario and spill date, in support of the State Attorney General's cost recovery effort from the PRP.

Minmilt Realty, Farmingdale, NY

Fate & Transport Modeling - He completed an RI/FS at this location for a PCE plume that had been in transit for over 30 years. Mr. Sosik applied a conservative model to evaluate time/concentration impacts under a variety of transport scenarios to a municipal wellfield located 13,000 feet away. Through the use of the model and careful interpretation of an extensive data set compiled from several sources, Mr. Sosik was able to propose a plan which was both acceptable to the regulator and favorable to the client.

Sebonack Golf Course Project, Town of Southampton, NY

IPM Pesticide Study - Provided professional hydrogeologic services in support of the EIS prepared for the development of the site. The proposed development included an 18-hole golf course, clubhouse, dormitory facility, cottages, associated structures, and a 6,000 square foot research station for Southampton College. Mr. Sosik performed an extensive evaluation (using a pesticide-leaching model) on the effects of pesticide and nitrogen loading to groundwater as part of the projects commitment to an Integrated Pest Management (IPM) approach.

NYSDEC, Spills Division, Regions 1 – 4

Petroleum Spills Investigation & Remediation - As a prime contractor/consultant for the NYSDEC in Regions 1-4, Mr. Sosik has managed the investigation and remediation of numerous petroleum spills throughout the State. Many of these projects required the development of innovative investigation and remediation techniques to achieve project goals. He was also involved in many pilot projects and research studies to evaluate innovative investigation techniques such as accelerated site characterization, and alternative approaches to remediation such as monitored natural attenuation and risk based corrective action.

Sun Oil, E. Meadow, NY

Exposure Assessment - Performed to seek closure of the spill file, despite the presence of contaminants above standards, Mr. Sosik determined after the extended assessment that the level of remaining contamination would not pose a future threat to human health or the environment. He used multiple lines of evidence, and a fate and transport model to show that degradation processes would achieve standards within a reasonable time.

Sand & Gravel Mine, NY

Property Development - As part of the development of a sand and gravel mine, Mr. Sosik provided environmental consulting services to assist in obtaining a mining permit, which would result in the construction of a 150-acre lake. Specifically, Mr. Sosik investigated if the proposed lake would reduce groundwater quantity to domestic and public well fields, and/or accelerate the migration of potential surface contaminants to the lower part of the aquifer. After assuming the lead role in negotiations with the regulatory agency, Mr. Sosik was able to obtain a permit for the client by adequately addressing water quality and quantity issues, and by preparing a monitoring plan and spill response plan, acceptable to all parties.

NYSDEC, Mamaroneck, NY

Site Characterization / Source Identification - In a complex hydrogeologic setting consisting of contaminant transport through fractured metomorphic bedrock and variable overburden materials, Mr. Sosik was able to develop and implement a sub-surface investigation to differentiate and separate the impact associated with each of two sources. The results of this investigation were successful in encouraging the spiller to accept responsibility for the release.

Riverhead Municipal Water District, NY

Site Characterization / Remedial Planning - Using accelerated characterization techniques, he implemented a 3-D site investigation to identify two service stations 4,000 ft. away as the source of contamination impacting a municipal wellfield. In accordance with the strict time table imposed by the need to return the wellfield to production by early spring, he designed and implemented a multi-point (9 RW, 6 IW) recovery and injection well system using a 3-d numerical flow model, and completed the project on time. Using a contaminant transport model, Mr. Sosik developed clean-up goals which were achieved in 9 months of operation, well below the projected 3 to 5 year project duration.

Montauk Fire Department, NY

Site Assessment - Mr. Sosik performed a limited investigation and used a 2-D flow model to demonstrate that the property could not have been the source of contamination which had impacted an adjacent wellfield as per the results of a previous investigation. This small focused effort successfully reversed a $500,000, and rising, claim against the department by the water district and the NYSDEC.

PREVIOUS EXPERIENCE

P.W. Grosser Consulting, Bohemia, NY
Senior Project Manager, 1999-2006

Environmental Assessment & Remediation, Patchogue, NY
Senior Project Manager, 1994-1999

Miller Environmental Group, Calverton, NY
Project Manager, 1989-1994

DuPont Biosystems, Aston, PA
Hydrogeologist, 1988-1989

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Charles B. Sosik, PG, PHG, Principal

EXPERT WITNESS TESTIMONY AND DEPOSITIONS

Fact Witness -Testimony on relative age of petroleum spill based on nature and extent of residual and dissolved components at the Delta Service Station in Uniondale, NY Fall/1999

Expert Witness / Expert Report for defendant in cost recovery case by NYS Attorney General regarding a Class II Inactive Hazardous Waste (State Superfund) project by the NYSDEC (October 2004 – present, Report: March 2005, Deposition: April 2005)

Expert Witness / Fact Witness for plaintiff seeking compensation for partial expenses incurred during the investigation and remediation of a USEPA CERCLA site due to the release and migration of contaminants from an "upgradient" industrial property. (Deposition May 2005, case settled April 2007).

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Holtzville, NY (Deposition April 2005 - case settled).

Expert Witness – Statement of opinion and expert testimony at trial for plaintiff seeking damages from a major oil corporation for contamination under a prior leasing agreement in Rego Park, NY. Case decided in favor of plaintiff. Trial July 2007, in favor of Plaintiff. Qualified as Expert Witness.

Expert Witness / Fact Witness for NYS Attorney General with respect to cost recovery for a NYSDEC petroleum spill site in Lindenhurst, NY (Trial date December 2009, in favor of plaintiff. Qualified as Expert Witness.

Expert Witness / Fact Witness for defendant with respect to cost recovery and third party responsibility for a NYSDEC petroleum spill site. (Expert Statement of Fact – October 2005).

Expert Witness for plaintiff seeking damages related to a petroleum spill from the previous owner/operator of a gas station in College Point, NY. Case settled 2009.

Expert Witness for plaintiff (municipal water supply purveyor) seeking damages from major oil companies and manufacturer of MTBE at various locations in Suffolk County, NY. Expert reports July 2007, August 2007 and October 2007, Case settled August, 2008.

Expert Witness - Deposition for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Sag Harbor, NY. August 2002

Expert Witness - for NYS Attorney General regarding NYSDEC cost recovery for a petroleum spill site at Riverhead, NY. Case settled July 2008.

Expert Witness for defendant responding to a claim from adjacent commercial property owner on the origin of chlorinated solvents on plaintiff's property located in Cedarhurst, NY. Expert opinion submitted to lead counsel on March 6, 2009, case settled April 2009.

Expert Report - for Attorney General on modeling performed to determine the spill release scenario at a NYSDEC petroleum spill site in East Moriches, NY. June 2000.

MODELING EXPERIENCE (PARTIAL LISTING)

PROJECT	MODEL	APPLICATION
Riverhead Water District, Riverhead, NY	MODFLOW, MODPATH	Remediation system design to intercept MTBE plume and prevent continued impact to municipal well field.
NYSDEC - Region 1, Holbrook, NY	MODFLOW, MODPATH	Simulate transport of MTBE plume to predict future impact.
NYSDEC - Region 1, East Moriches, NY	HSSM	Evaluate release scenario and start date of petroleum spill in support of cost recovery by NYS AG office.
AMOCO, Deer Park, NY	HSSM	Estimate release amount, start date and spill scenario to evaluate the potential for mass unaccounted for
Keyspan Energy, Nassau/Suffolk Counties Substations	PRZM	Estimate mass load of simazine used at 211 electric substations and screen sites according to potential for human health and ecological impacts.
Saboneck Golf Club, Southampton NY	PRZM	Estimate mass load of proposed pesticides on new golf course to evaluate acceptability under an IPM program.
Suffolk County Department of Public Works (SCDPW) Scavenger Waste Treatment Plant, Yaphank, NY	DYNFLOW, DYNTRAC	Evaluate time-transport and nitrogen impact on local river system.
SCDPW SUNY Waste Water Treatment Plant, Stony Brook, NY	DYNFLOW, DYNTRAC	Determine outfall location and time-transport of nitrogen from proposed upgrades to an existing wastewater treatment plant
Water Authority of Great Neck North Great Neck, NY	MODFLOW, MODPATH, MT3D	Review of modeling study performed by EPA to evaluate potential future impact to Well field from PCE plume. Identified serious flaws in model construction and implementation, which invalidated conclusions

PUBLICATIONS / PROFESSIONAL PAPERS

Smart Pump & Treat Strategy for MTBE Impacting a Public Water Supply (14th Annual Conference on Contaminated Soils Proceedings, 1998)

Transport & Transformation of BTEX & MTBE in a Sand Aquifer (Groundwater Monitoring & Remediation 05/1998)

Characteristics of Gasoline Releases in the Water Table Aquifer of Long Island (Petroleum Hydrocarbons Conference Proceedings, 1999)

Field Applications of the Hydrocarbon Spill Screening Model (HSSM) (USEPA Interactive Modeling Web Course www.epa.gov/athens/software/training/webcourse Authored module on model application and applied use of calculators, 02/2000)

Comparative Evaluation of MTBE Sites on Long Island, US EPA Workshop on MTBE Bioremediation (Cincinnati, 02/2000)

Comparison of Four MTBE Plumes in the Upper Glacial Aquifer of Long Island (American Geophysical Union, San Francisco, 12/1996)

Analysis and Simulation of the Gasoline Spill at East Patchogue, New York (American Geophysical Union, San Francisco, 12/1998)

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Chawinie Miller, Project Manager / Industrial Hygienist

Professional Experience
EBC: March 2013
Prior: 7.5 years

Education
Bachelor of Science, Environmental Health and Safety, Stony Brook University, NY

Areas of Expertise
- Phase I / Property Condition Assessments
- Occupational Health and Safety Sampling
- Indoor Air Quality (IAQ) Investigations
- Mold Investigations and Remediation
- Soil and Ground Water Investigations
- Noise Studies

Professional Certification
- OSHA 40-hr HAZWOPER
- NYS Asbestos Inspector
- NYC Asbestos Investigator
- OSHA 10-hr Construction Health and Safety
- Hazard Analysis and Critical Control Point (HACCP) Certified

PROFILE

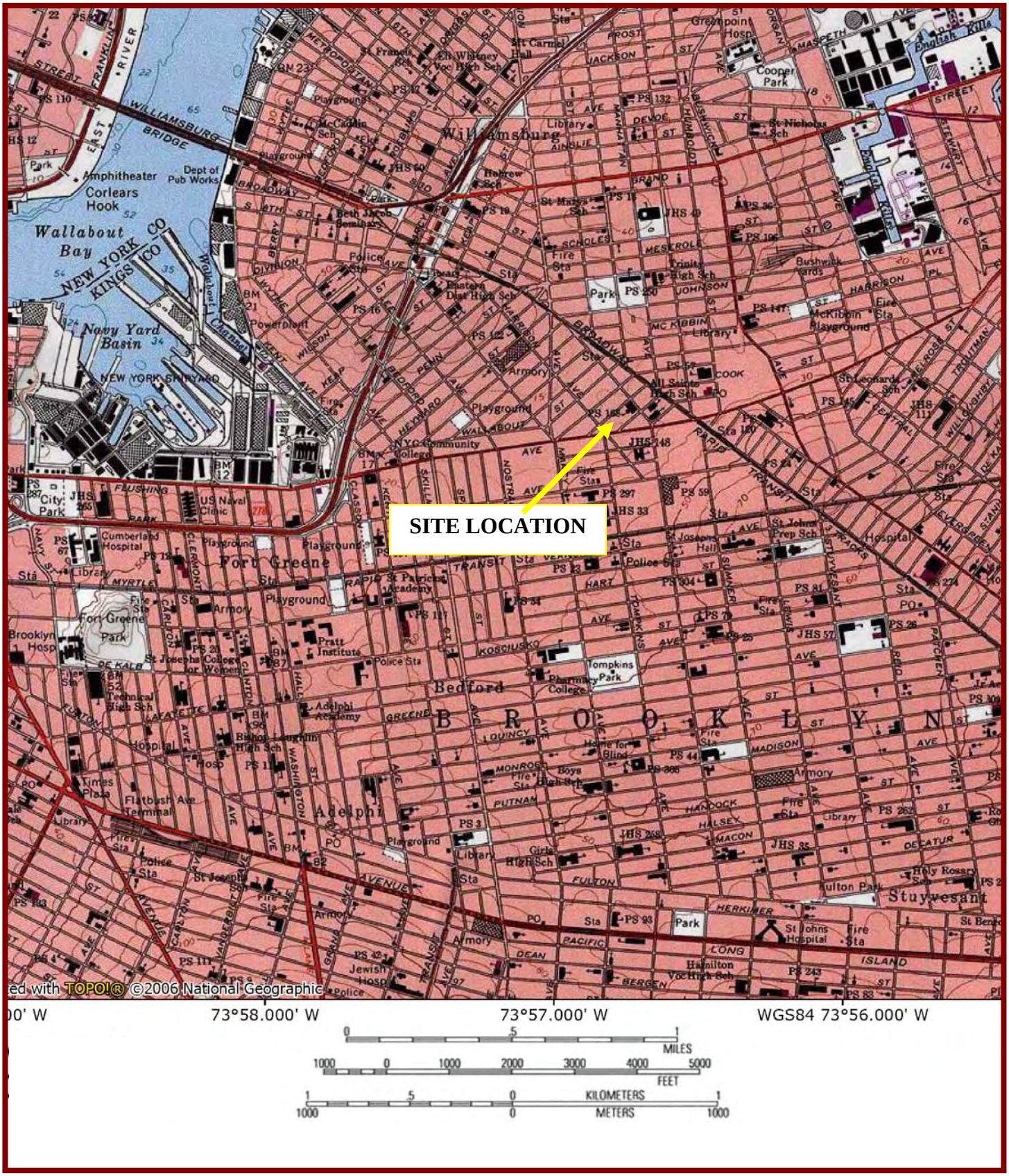
Ms. Miller has 7.5 years experience as an environmental consultant/contractor and has worked on and managed a wide range of environmental projects. Ms. Miller has conducted Phase Is and Property Condition Assessments for commercial, industrial, and residential properties in New York, New Jersey and Connecticut. In addition, Ms. Miller has conducted various IAQ, asbestos, mold and occupational health and safety sampling investigations for a variety of city, state, federal and private clients.

PREVIOUS EXPERIENCE

The Louis Berger Group, New York, New York
Industrial Hygienist, 2008-2013

AEI Consultants, Jersey City, New Jersey
Environmental Scientist, 2005-2008

FIGURES



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5-11 Whipple Street
BROOKLYN, NEW YORK 11206

FIGURE 1 – SITE LOCATION MAP

FIGURE 2 – LOT DIAGRAM

N

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11 Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

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Fax 631.924.2870

FIGURE 3 – TAX MAP

N

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11 Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

Source: New York City Department of Finance

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

FIGURE 4 – SITE AERIAL

N

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11 Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

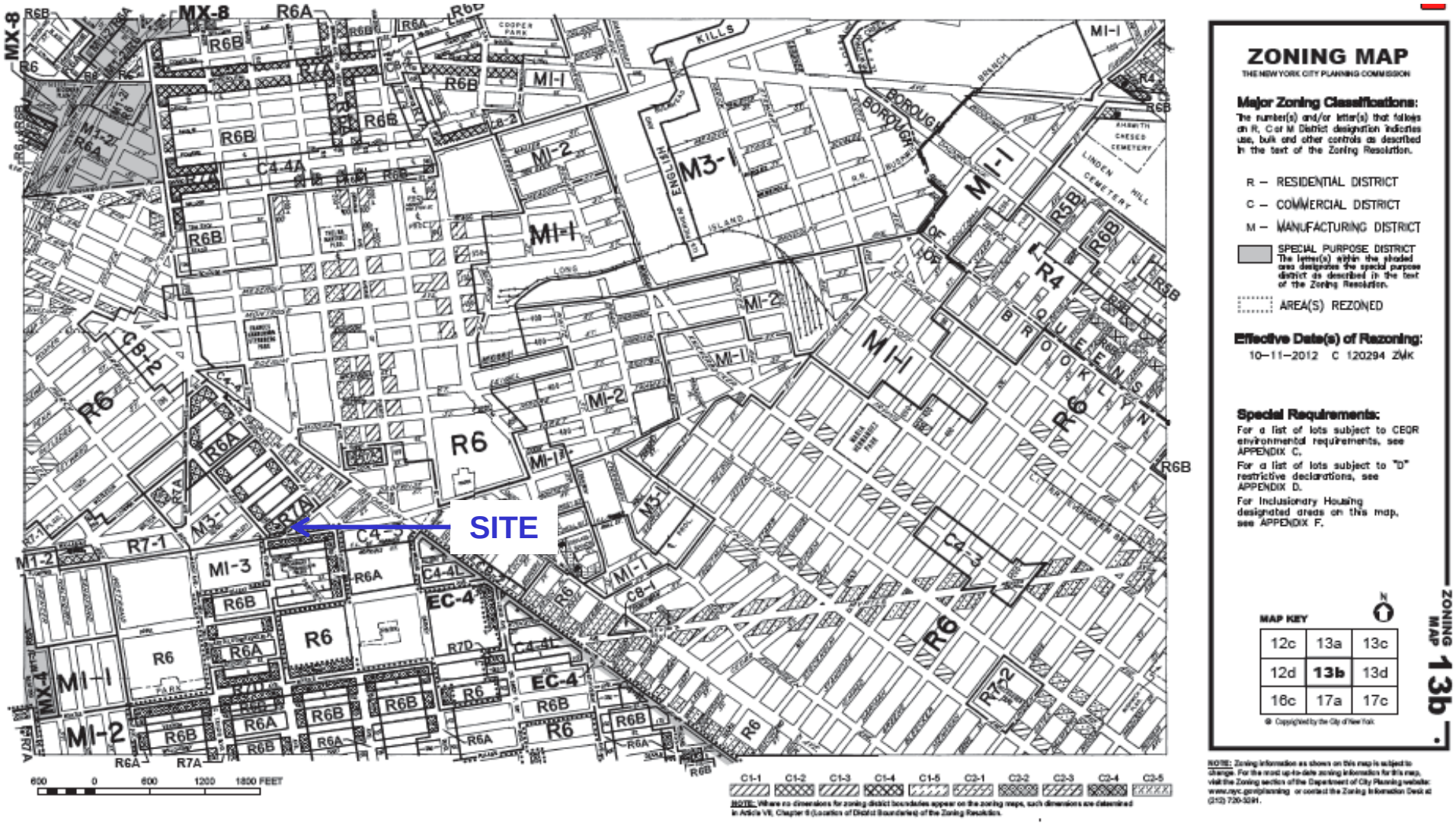


FIGURE 5A – ZONING MAP

N

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11 Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

Source: New York City Department of City Planning

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone *631.504.6000*
Fax *631.924.2870*

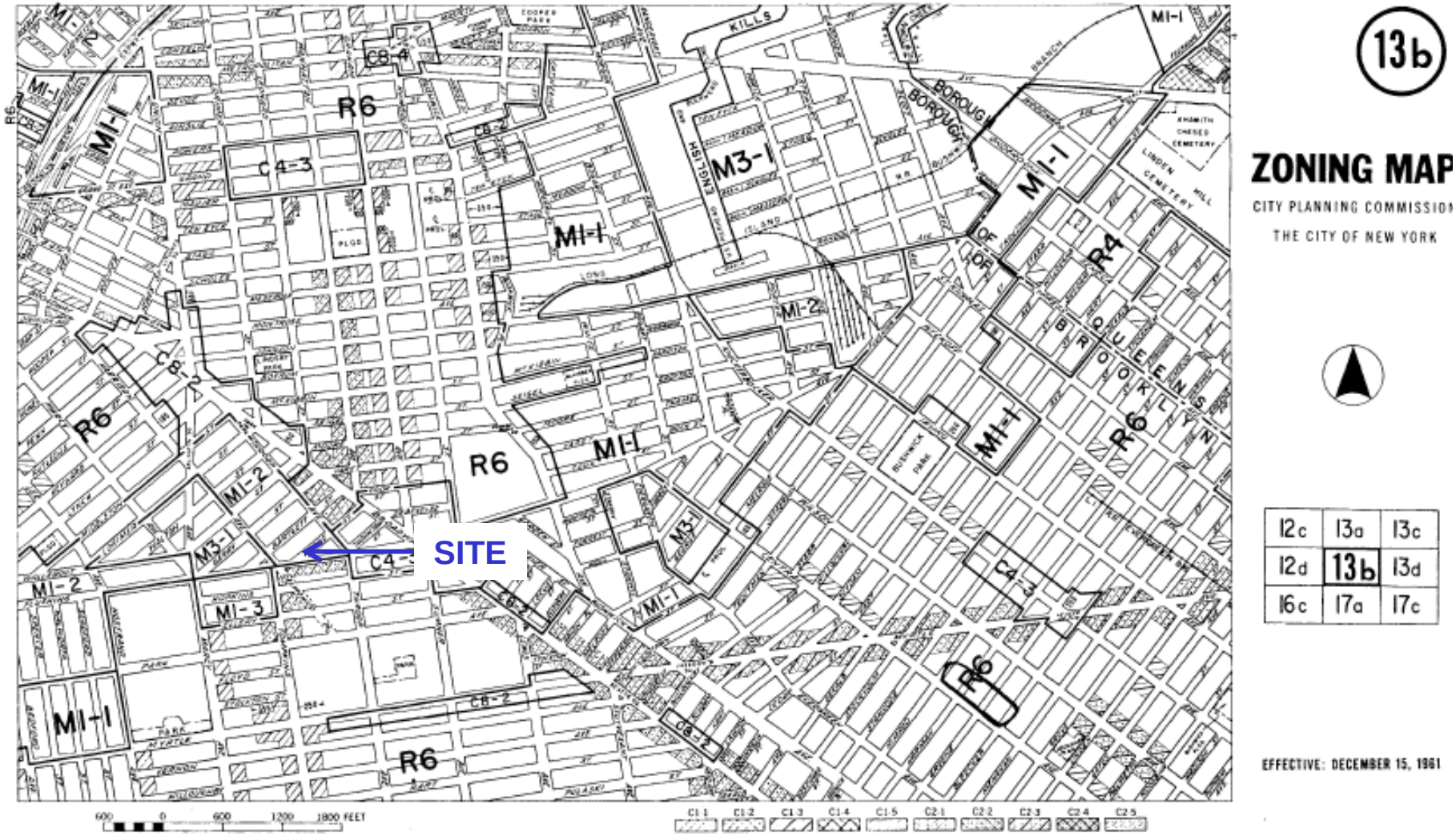


FIGURE 5B – HISTORIC ZONING MAP

N

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

Source: New York City Department of City Planning - 1961

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

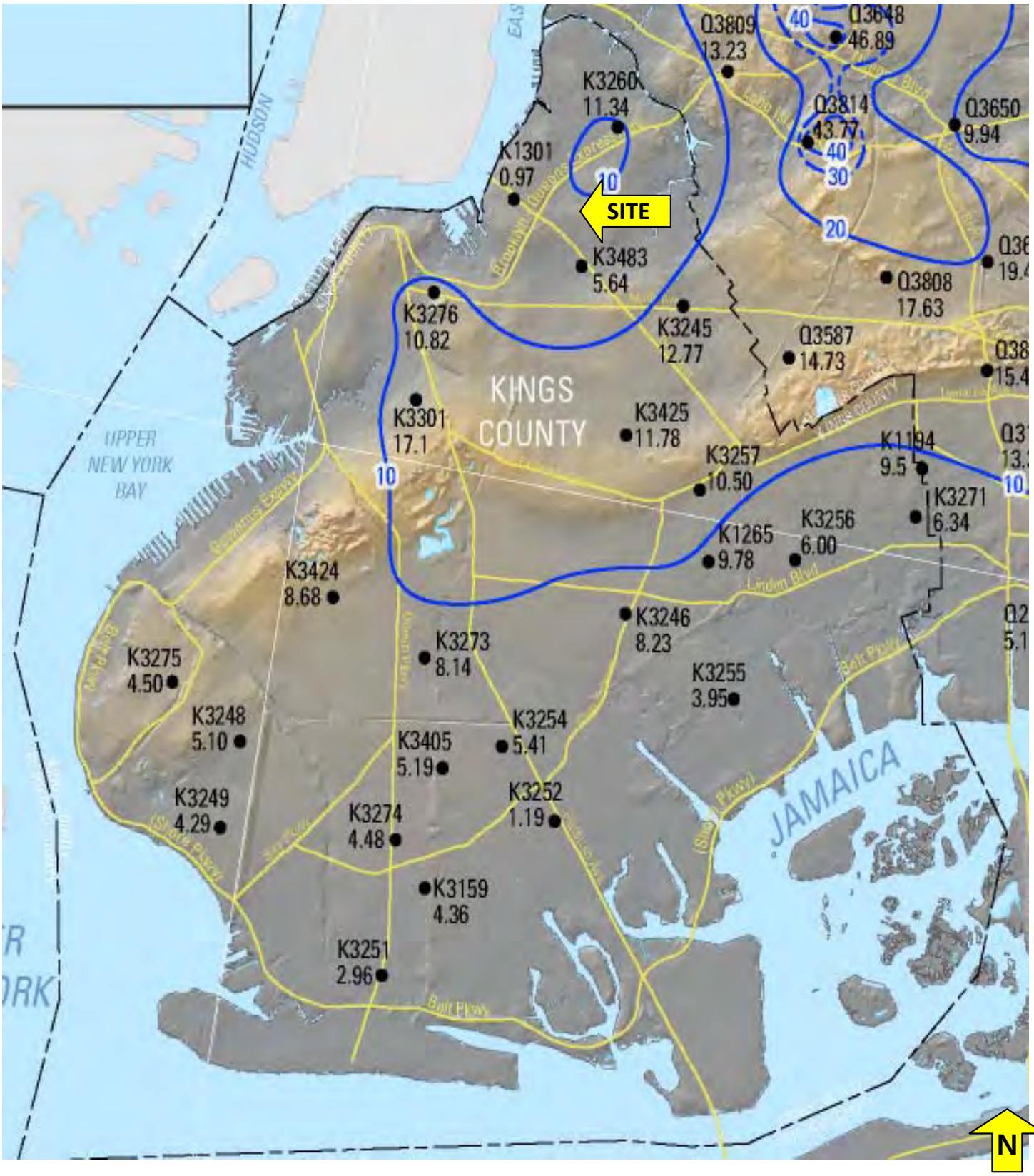


FIGURE 6 – WATER TABLE MAP

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

SITE NAME: 5-11 Whipple Street
STREET ADDRESS: 5-11 Whipple Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206

Source: USGS - 2009

APPENDIX A

SITE PHOTOGRAPHS

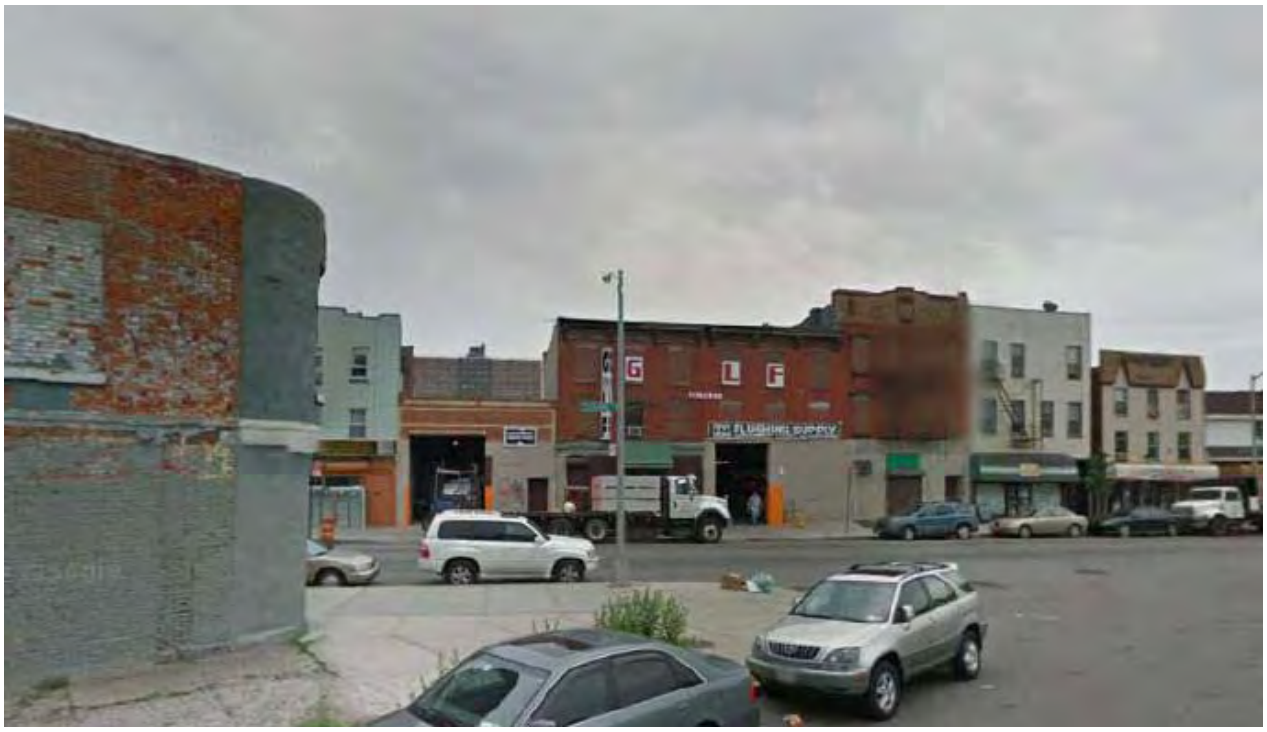
View of the south side of the Site.

View of the west side of the Site.

View of the east side of the Site.

View of the property adjacent to the west.

View of the property adjacent to the east of the Site.



View of property adjacent to the south.

APPENDIX B

LOCAL AGENCY INFORMATION

NYC Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

7 WHIPPLE STREET **BROOKLYN 11206** **BIN# 3832866**

WHIPPLE STREET 7 - 7

Health Area	: 1500	**Tax Block**	: 2272
Census Tract	: 507	**Tax Lot**	: 45
Community Board	: 301		

View DCP Addresses... Browse Block

View Zoning Documents | View Challenge Results | Pre - BIS PA | View Certificates of Occupancy

Cross Street(s):	FLUSHING AVENUE, THROOP AVENUE		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT/NOISE/AIR	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

Special District: UNKNOWN

This property is not located in an area that may be affected by Tidal Wetlands, Freshwater Wetlands, or Coastal Erosion Hazard Area. Click here for more information

Department of Finance Building Classification: G7-GARAGE/GAS STAT'N

Please Note: The Department of Finance's building classification information shows a building's tax status, which may not be the same as the legal use of the structure. To determine the legal use of a structure, research the records of the Department of Buildings.

	Total	Open
Complaints	0	0
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	1	
ARA / LAA Jobs	0	
Total Jobs	1	
Actions	2	

Elevator Records
Electrical Applications
Permits In-Process / Issued
Illuminated Signs Annual Permits
Plumbing Inspections
Open Plumbing Jobs / Work Types
Facades
Marquee Annual Permits

NYC Buildings

NYC.gov always open

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NYC Department of Buildings

DOB Violations

Premises: 7 WHIPPLE STREET BROOKLYN **BIN: 3832866** **Block: 2272** **Lot: 45**

NUMBER	TYPE	FILE DATE
NB 41-89	NEW BUILDING	01/13/1989
SPR 76-90	SPRINKLERS	01/17/1990

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

Boiler Records

DEP Boiler Information

Crane Information

After Hours Variance Permits

If you have any questions please review these Frequently Asked Questions, the Glossary, or call the 311 Citizen Service Center by dialing 311 or (212) NEW YORK outside of New York City.

T.T. $ 725.00

REEL 2172 PAGE 1765

Standard N.Y.B.T.U. Form 8002 - 2/75 - Bargain and Sale Deed with Covenant against Grantor's Acts - Individual or Corporation - (Single Sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

THIS INDENTURE, made the 12th day of January nineteen hundred and eight eight

BETWEEN Victor Gluck 110 Lee Ave., Brooklyn, N.Y. and
Mendel Hirsch, 31 Quickway Road, Monroe, N.Y.

party of the first part, and

11 Whipple Realty Corp. having offices at 1070 East 59th Street, Brooklyn, N.Y.

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, designated on the Tax Map of the City of New York, for the Borough of Brooklyn, as said Tax Map was on April 27, 1976, and January 17, 1978, as Block 2272, Lots 45, 46 and 147.

Said premises being known as 5, 9 & 11 Whipple St. Brklyn N.Y.

TOGETHER with all right, title and interest, if any, of the party of the first part of, in and to any streets and roads abutting the above-described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total

New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 2272
Lot: 45 **Unit:** N/A
Date Range:
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 11 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [**Print Index**]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	2172/1767		45	ENTIRE LOT		2/17/1988	MORTGAGE	7	11 WHIPPLE REALTY CORP	RUTHNER, MELECH				94,000
DET IMG	2172/1765		45	ENTIRE LOT	1/13/1988	2/17/1988	DEED	2	GLUCK, VICTOR	11 WHIPPLE REALTY CORP		✓		0
DET IMG	2096/289		45	ENTIRE LOT		9/25/1987	SATISFACTION OF MORTGAGE	2	MINUCCI, SALVATORE	CITY OF NEW YORK		✓		0
DET IMG	2066/1011		45	ENTIRE LOT	6/23/1987	7/28/1987	DEED	2	MINUCCI, SALVATORE	GLUCK, VICTOR		✓		0
DET IMG	2038/1942		45	ENTIRE LOT		6/12/1987	VACATE ORDER	9	CITY OF NEW YORK	VACATE ORDER				0
DET IMG	1967/1516		45	ENTIRE LOT	4/4/1984	2/6/1987	DEED	2	MINUCCI, SAVERIO	MINUCCI, SALVATORE				0
DET IMG	1818/603		45	ENTIRE LOT	5/28/1986	5/28/1986	DEED	130	COMMISSIONER OF FINANCE	CITY OF NEW YORK			✓	0
DET IMG	1427/760		45	ENTIRE LOT		9/9/1983	MORTGAGE	5	MINUCCI, SALVATORE	NEW YORK CITY		✓		10,800
DET IMG	1427/758		45	ENTIRE LOT	7/15/1983	9/9/1983	DEED	2	NEW YORK CITY	MINUCCI, SALVATORE		✓		0
DET IMG	952/1774		45	ENTIRE LOT	10/21/1977	10/21/1977	DEED	1	FINANCE ADMINISTRATOR OF THE CITY OF NEW YORK	THE CITY OF NEW YORK		✓	✓	0
DET IMG	477/988		45	ENTIRE LOT	4/21/1971	4/21/1971	DEED	5	LEWISOHN RICHARD	CITY OF NY		✓		0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

T.T. $ 725.00

REEL 2172 PAGE 1765

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AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total

New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 2272
Lot: 147 **Unit:** N/A
Date Range:
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 15 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [**Print Index**]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	5758/943		147	ENTIRE LOT		8/16/2002	TAX LIEN SALE CERTIFICATE	33	CITY OF NEW YORK	BANK OF NEW YORK				0
DET IMG	5681/2430		147	ENTIRE LOT		6/20/2002	TAX LIEN SALE CERTIFICATE	34	CITY OF NEW YORK	BANK OF NEW YORK				0
DET IMG	2172/1767		147	ENTIRE LOT		2/17/1988	MORTGAGE	7	11 WHIPPLE REALTY CORP	RUTHNER, MELECH				94,000
DET IMG	2172/1765		147	ENTIRE LOT	1/13/1988	2/17/1988	DEED	2	GLUCK, VICTOR	11 WHIPPLE REALTY CORP		✓		0
DET IMG	2096/289		147	ENTIRE LOT		9/25/1987	SATISFACTION OF MORTGAGE	2	MINUCCI, SALVATORE	CITY OF NEW YORK		✓		0
DET IMG	2066/1011		147	ENTIRE LOT	6/23/1987	7/28/1987	DEED	2	MINUCCI, SALVATORE	GLUCK, VICTOR		✓		0
DET IMG	2038/1942		147	ENTIRE LOT		6/12/1987	VACATE ORDER	9	CITY OF NEW YORK	VACATE ORDER				0
DET IMG	1967/1516		147	ENTIRE LOT	4/4/1984	2/6/1987	DEED	2	MINUCCI, SAVERIO	MINUCCI, SALVATORE				0
DET IMG	1818/603		147	ENTIRE LOT	5/28/1986	5/28/1986	DEED	130	COMMISSIONER OF FINANCE	CITY OF NEW YORK			✓	0
DET IMG	1427/760		147	ENTIRE LOT		9/9/1983	MORTGAGE	5	MINUCCI, SALVATORE	NEW YORK CITY		✓		10,800
DET IMG	1427/758		147	ENTIRE LOT	7/15/1983	9/9/1983	DEED	2	NEW YORK CITY	MINUCCI, SALVATORE		✓		0
DET IMG	1079/50		147	ENTIRE LOT	6/14/1979	6/14/1979	DEED	52	COMMISSIONER OF FINANCE OF THE CITY OF NEW YORK	THE CITY OF NEW YORK		✓	✓	0
DET IMG	1068/946		147	ENTIRE LOT	4/25/1979	4/25/1979	DEED	2	CATANIA REALTY CORP	GONZALEZ JOSE				0
DET IMG	750/1873		147	ENTIRE LOT	12/4/1974	12/4/1974	MORTGAGE	7	CATANIA RLTY CORP	CATANIA FRANK				0
DET IMG	477/669		147	ENTIRE LOT	4/21/1971	4/21/1971	DEED	2	TARRAN DORA	CATANIA REALTY CORP		✓		0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

T.T. $ 725.00

REEL 2172 PAGE 1765

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New York City Department of Finance
Office of the City Register

HELP
[Click help for additional instructions]
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Current Search Criteria:

Borough: BROOKLYN / KINGS
Block: 2272
Lot: 46 **Unit:** N/A
Date Range:
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 14 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [**Print Index**]

View	Reel/Pg/File	CRFN	Lot	Partial	Doc Date	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
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DET IMG	4514/1377		46	ENTIRE LOT		6/29/1999	TAX LIEN SALE CERTIFICATE	67	CITY OF NEW YORK	BANK OF NEW YORK				0
DET IMG	2172/1767		46	ENTIRE LOT		2/17/1988	MORTGAGE	7	11 WHIPPLE REALTY CORP	RUTHNER, MELECH				94,000
DET IMG	2172/1765		46	ENTIRE LOT	1/13/1988	2/17/1988	DEED	2	GLUCK, VICTOR	11 WHIPPLE REALTY CORP		✓		0
DET IMG	2096/289		46	ENTIRE LOT		9/25/1987	SATISFACTION OF MORTGAGE	2	MINUCCI, SALVATORE	CITY OF NEW YORK		✓		0
DET IMG	2066/1011		46	ENTIRE LOT	6/23/1987	7/28/1987	DEED	2	MINUCCI, SALVATORE	GLUCK, VICTOR		✓		0
DET IMG	2038/1942		46	ENTIRE LOT		6/12/1987	VACATE ORDER	9	CITY OF NEW YORK	VACATE ORDER				0
DET IMG	1967/1516		46	ENTIRE LOT	4/4/1984	2/6/1987	DEED	2	MINUCCI, SAVERIO	MINUCCI, SALVATORE				0
DET IMG	1818/603		46	ENTIRE LOT	5/28/1986	5/28/1986	DEED	130	COMMISSIONER OF FINANCE	CITY OF NEW YORK			✓	0
DET IMG	1427/760		46	ENTIRE LOT		9/9/1983	MORTGAGE	5	MINUCCI, SALVATORE	NEW YORK CITY		✓		10,800
DET IMG	1427/758		46	ENTIRE LOT	7/15/1983	9/9/1983	DEED	2	NEW YORK CITY	MINUCCI, SALVATORE		✓		0
DET IMG	952/1774		46	ENTIRE LOT	10/21/1977	10/21/1977	DEED	1	FINANCE ADMINISTRATOR OF THE CITY OF NEW YORK	THE CITY OF NEW YORK		✓	✓	0
DET IMG	423/919		46	ENTIRE LOT	7/16/1970	7/16/1970	MORTGAGE	4	KORNBLUM IDA	KAY MILDRED		✓		0
DET IMG	721/182		46	ENTIRE LOT	5/14/1968	5/14/1968	MORTGAGE	4	KORNBLUM IDA	FIRST NATIONAL CITY BANK				0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

APPENDIX C

SANBORN MAPS

5 Whipple
5 Whipple
Brooklyn, NY 11206

Inquiry Number: 3728699.3
September 16, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

9/16/13

Site Name:
5 Whipple
5 Whipple
Brooklyn, NY 11206

Client Name:
Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961

EDR Inquiry # 3728699.3

Contact: Chawinie Miller

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Env. Business Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 5 Whipple
Address: 5 Whipple
City, State, Zip: Brooklyn, NY 11206
Cross Street:
P.O. # TRG 1305
Project: NA
Certification # E734-4C7F-8579

Maps Provided:

2007	2001	1989	1980	1935
2006	1996	1987	1979	1918
2005	1995	1986	1977	1904
2004	1993	1984	1965	1887
2003	1992	1982	1950	
2002	1991	1981	1947	

Sanborn® Library search results
Certification # E734-4C7F-8579

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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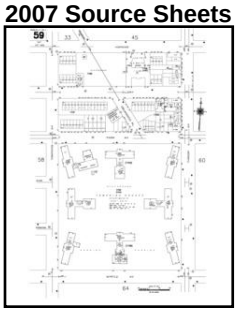
Sanborn Sheet Thumbnails

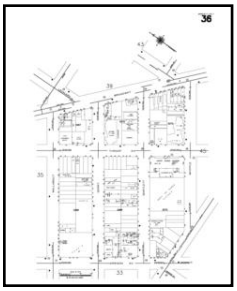
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets



Volume 3, Sheet 59

Volume 3, Sheet 33

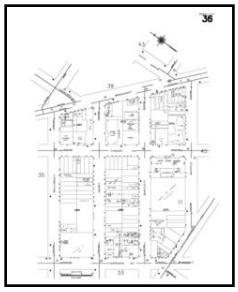


Volume 3, Sheet 36

Volume 3, Sheet 45

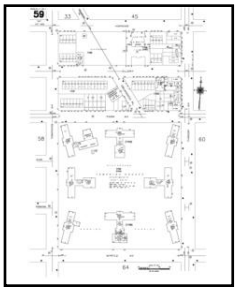
2006 Source Sheets

Volume 3, Sheet 33



Volume 3, Sheet 36

Volume 3, Sheet 45



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2005 Source Sheets

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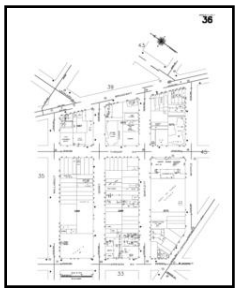

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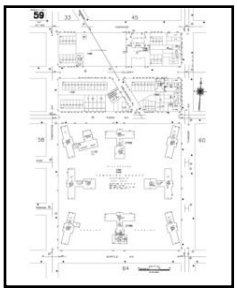

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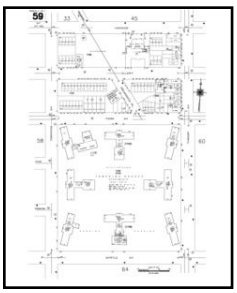

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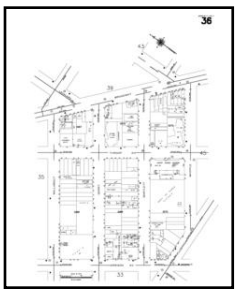

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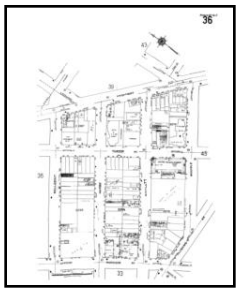

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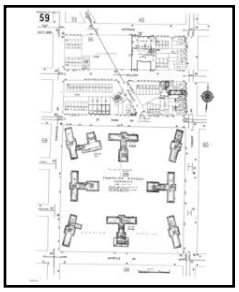

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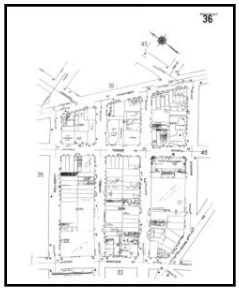

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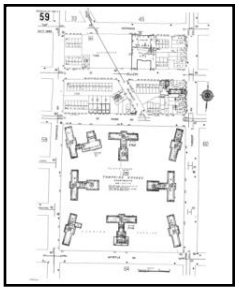

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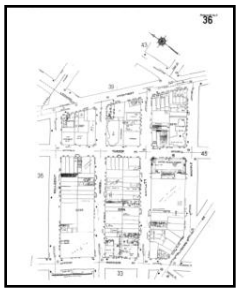

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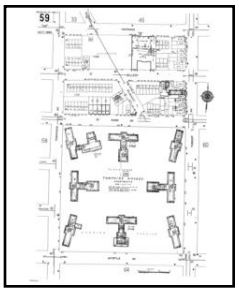

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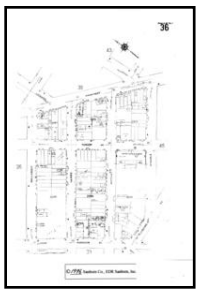

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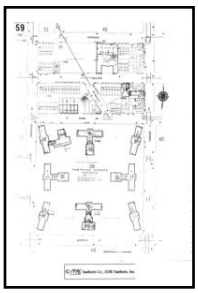

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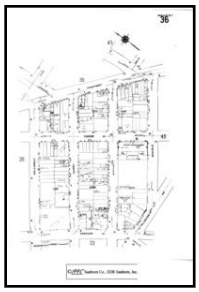

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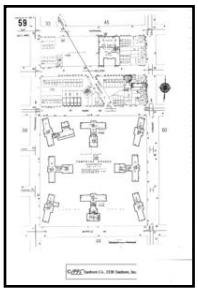

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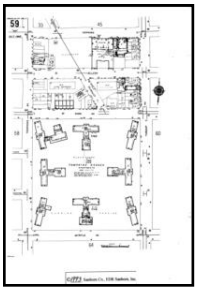

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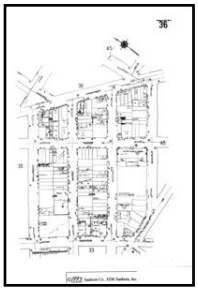

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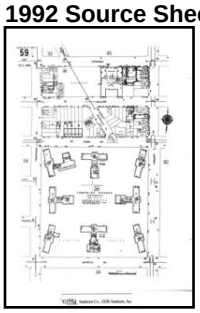

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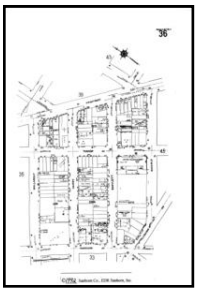

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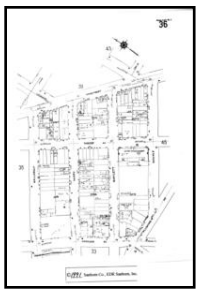

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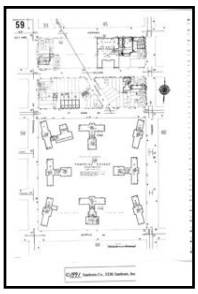

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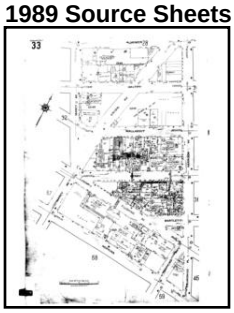

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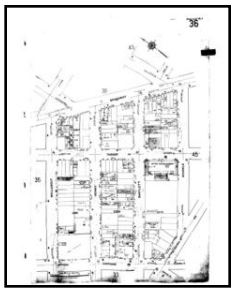

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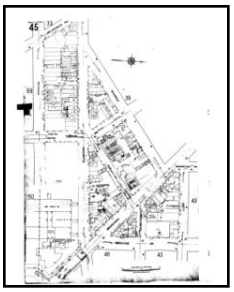

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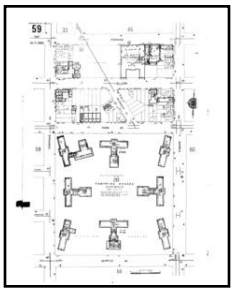

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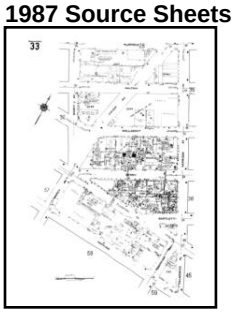

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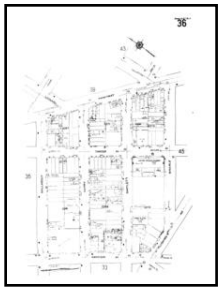

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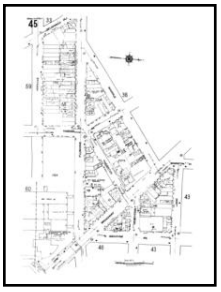

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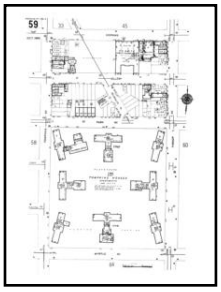

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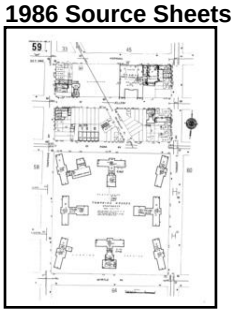

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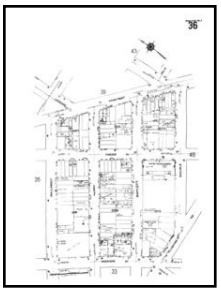

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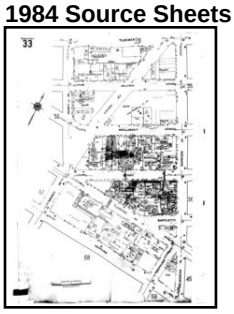

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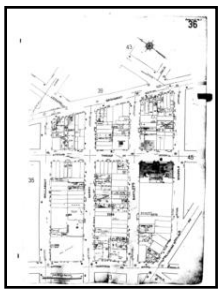

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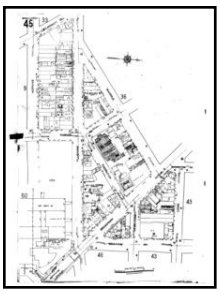

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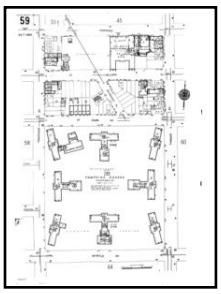

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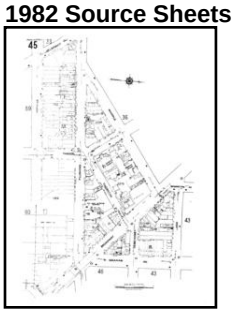

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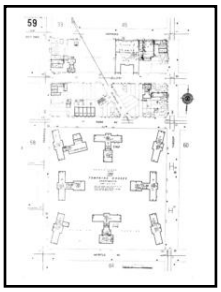

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1981 Source Sheets

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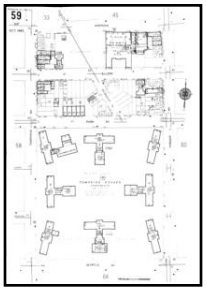

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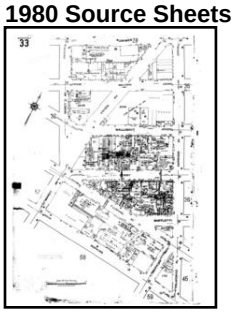

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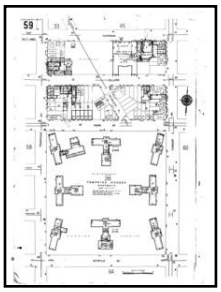

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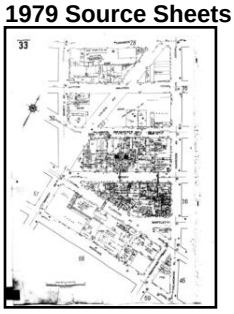

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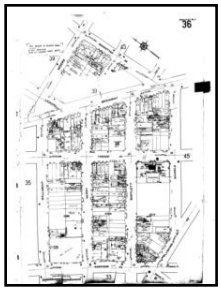

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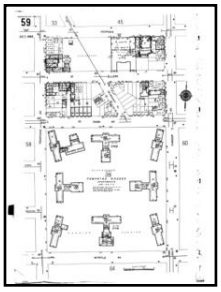

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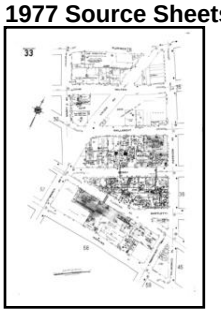

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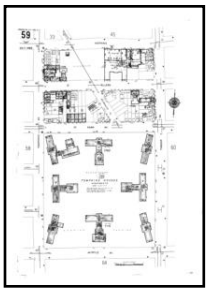

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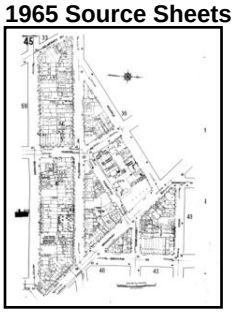

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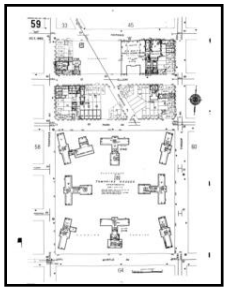

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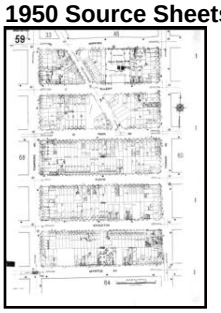
1950 Source Sheets



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1947 Source Sheets

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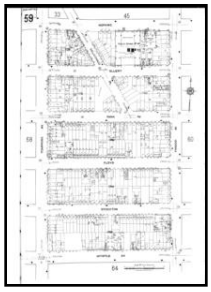

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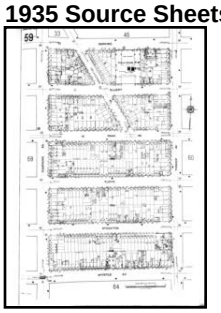
1935 Source Sheets



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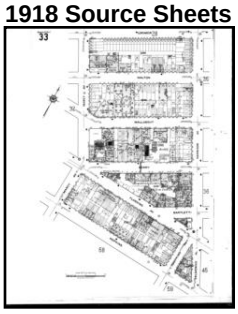
1918 Source Sheets



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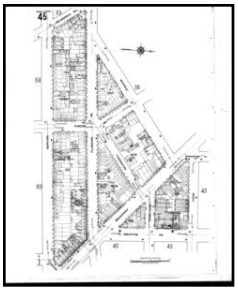

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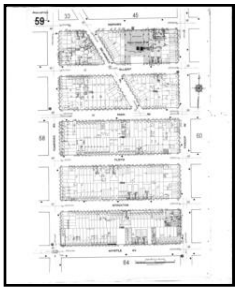

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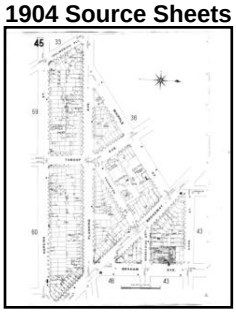
1904 Source Sheets



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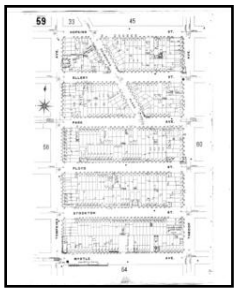

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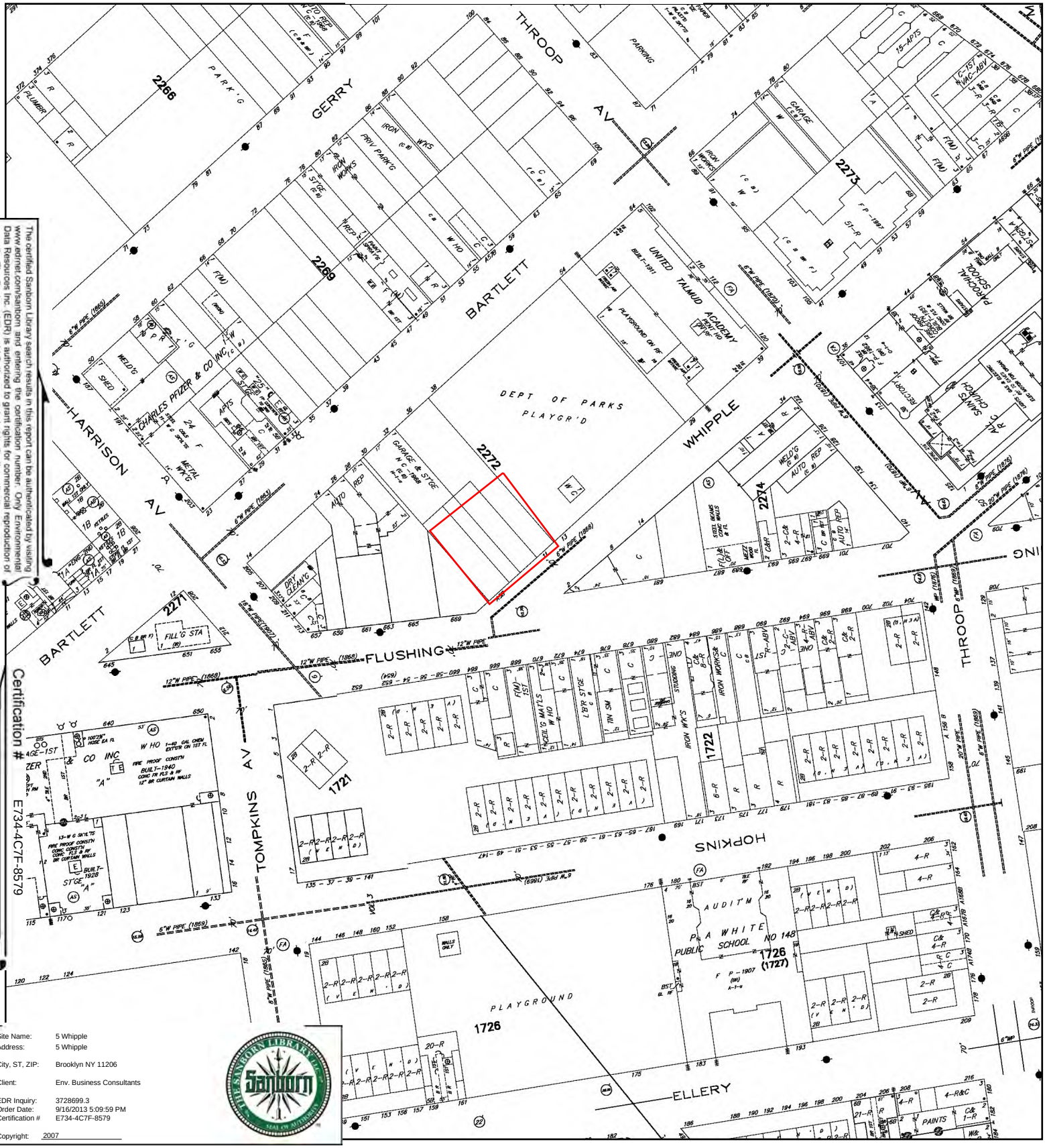
2007 Certified Sanborn Map



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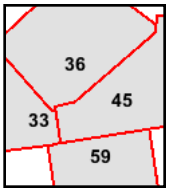

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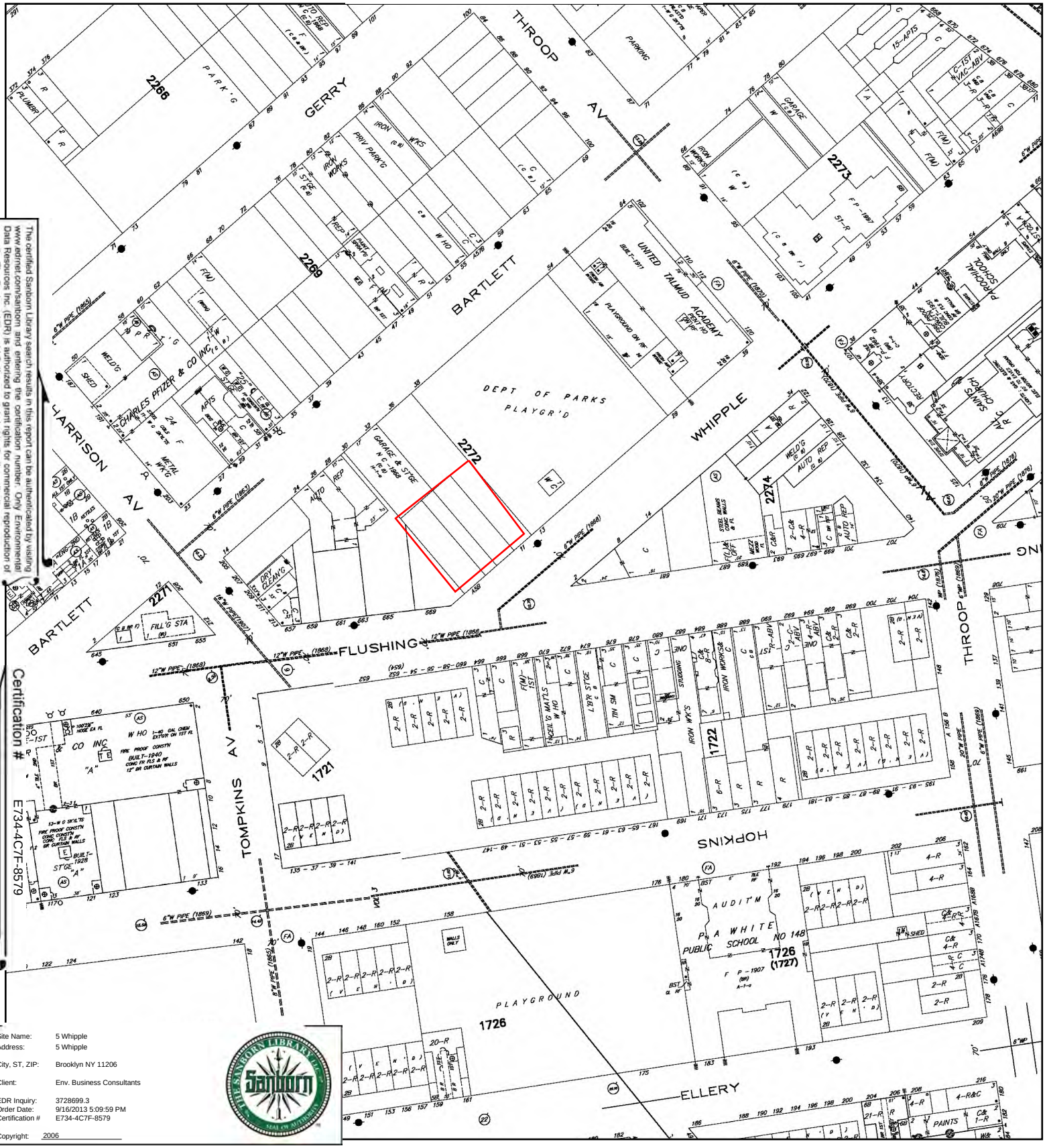
2006 Certified Sanborn Map



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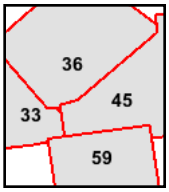

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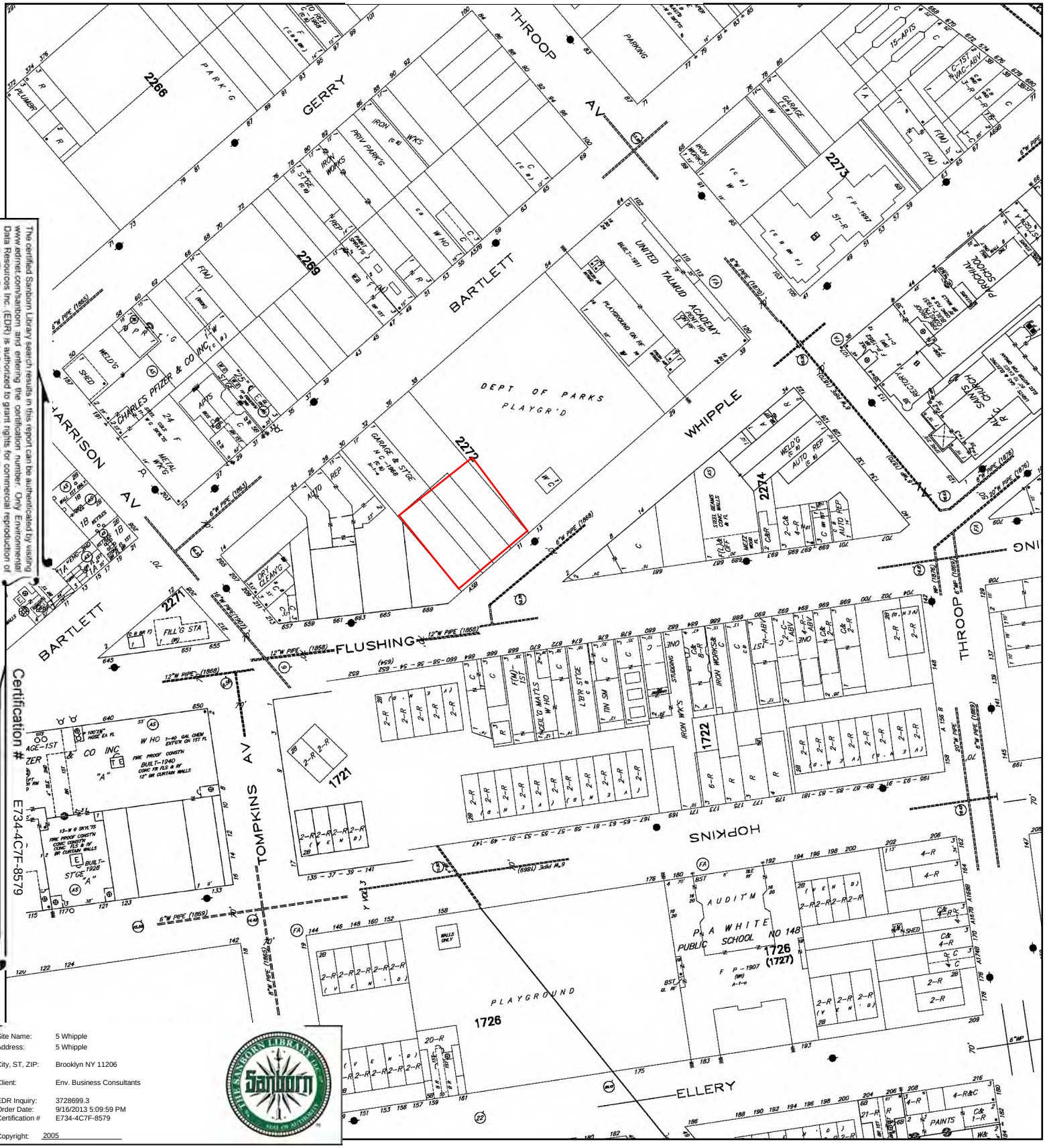

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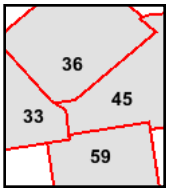

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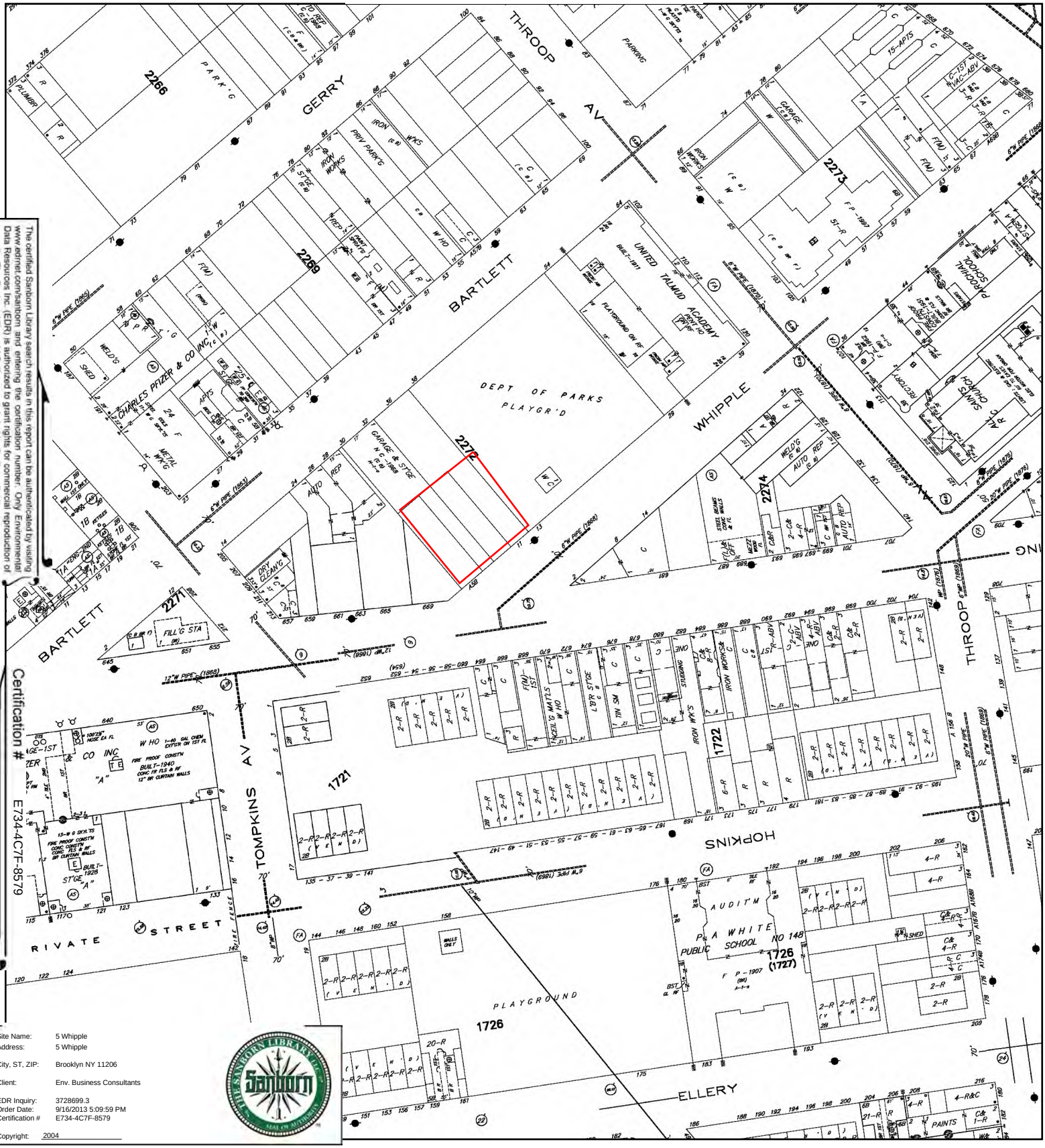

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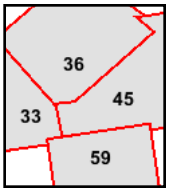

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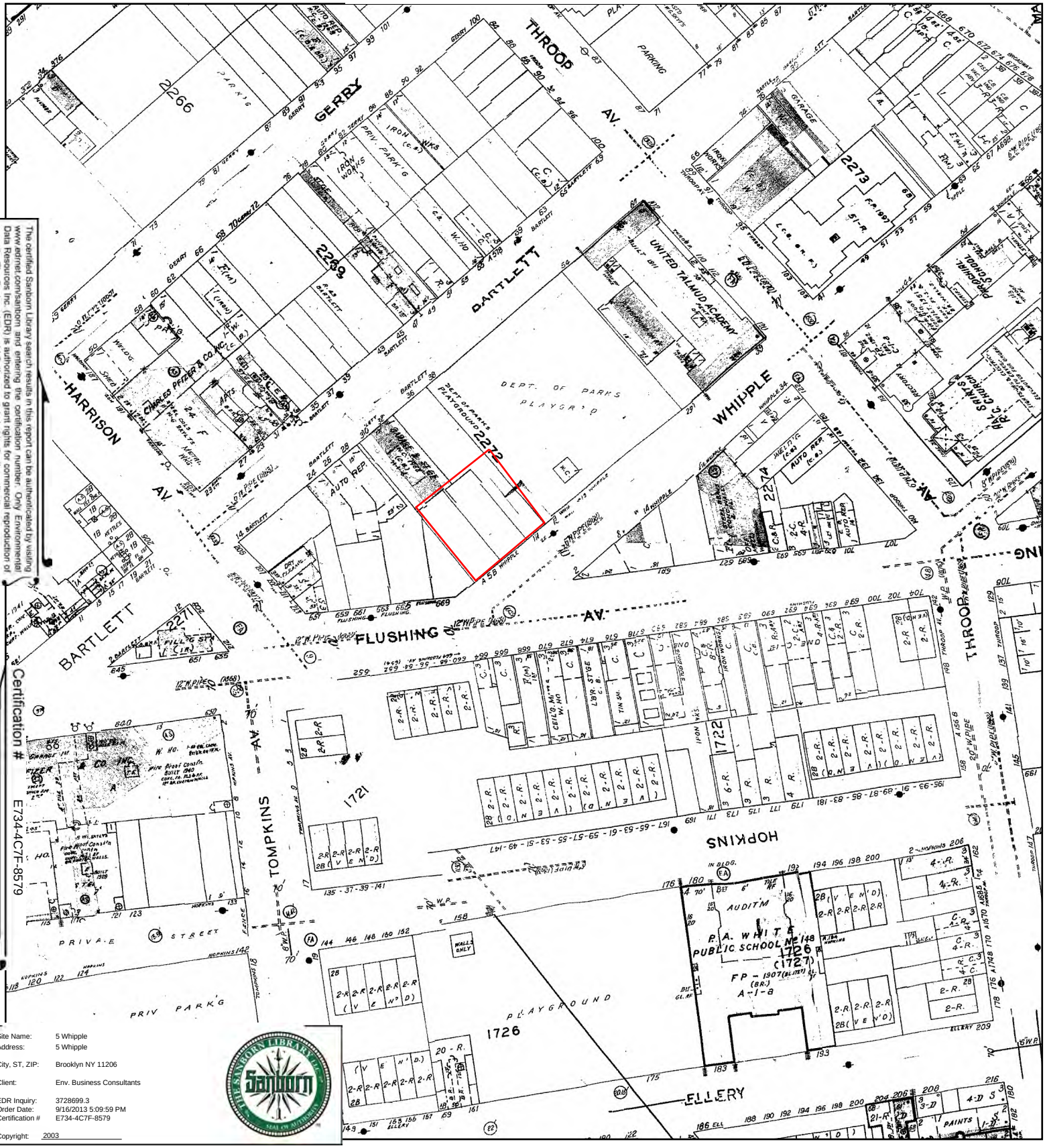

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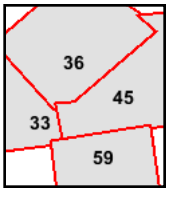

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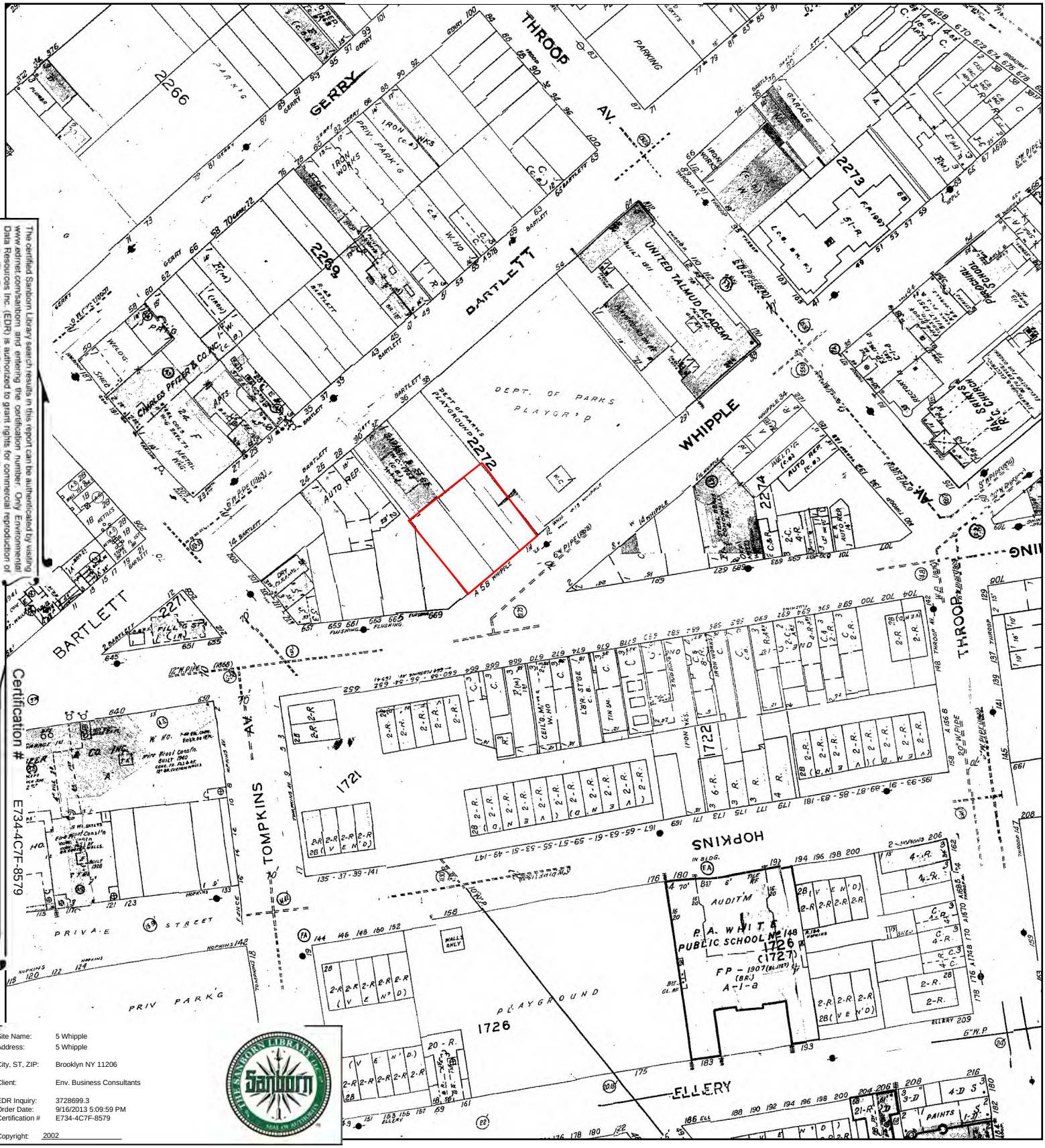

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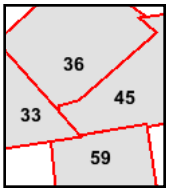

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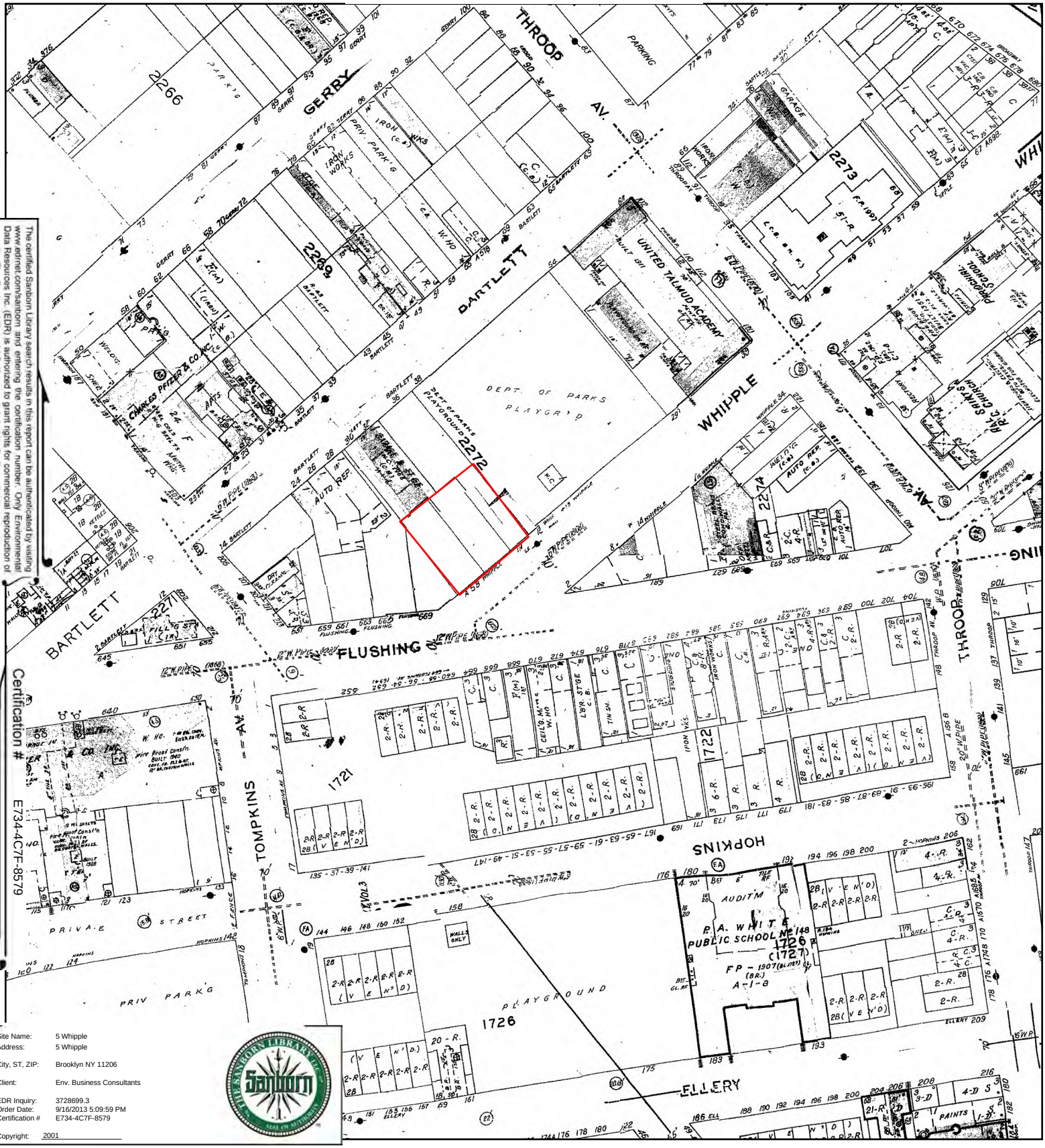

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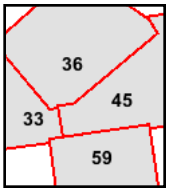

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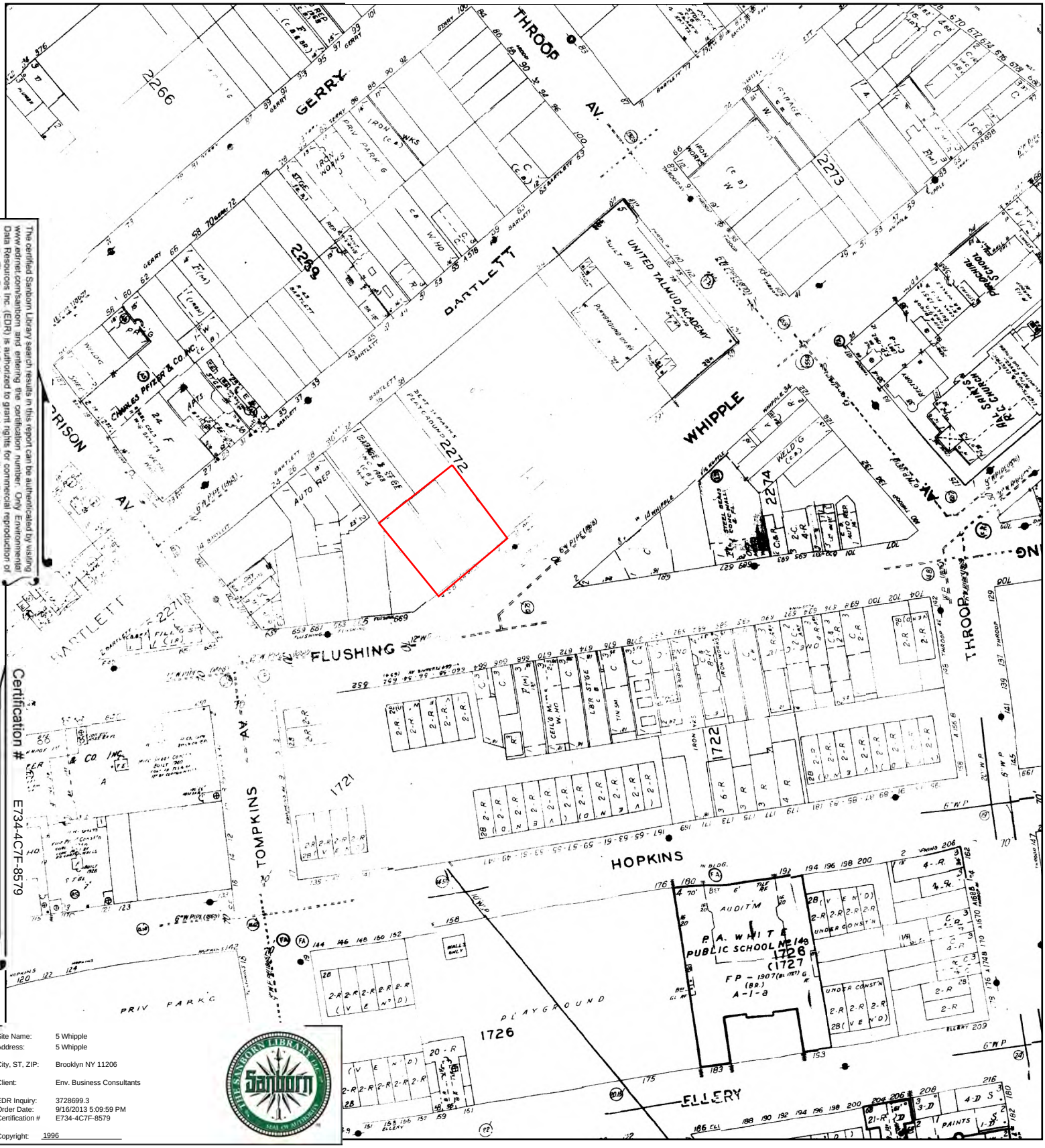
1996 Certified Sanborn Map



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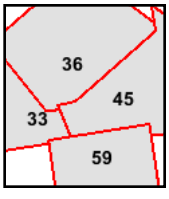

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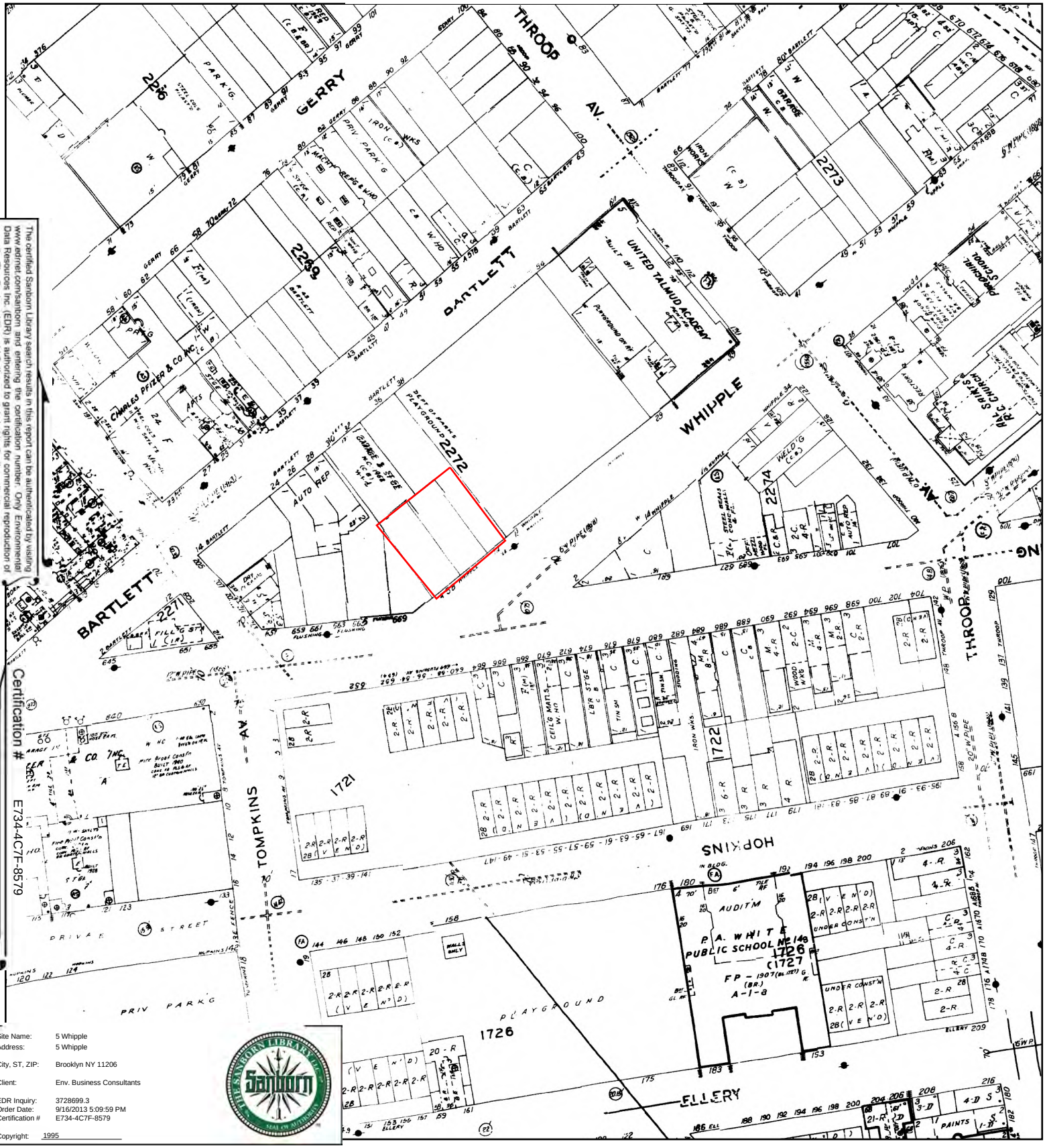

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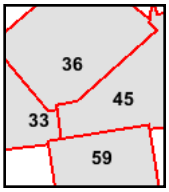

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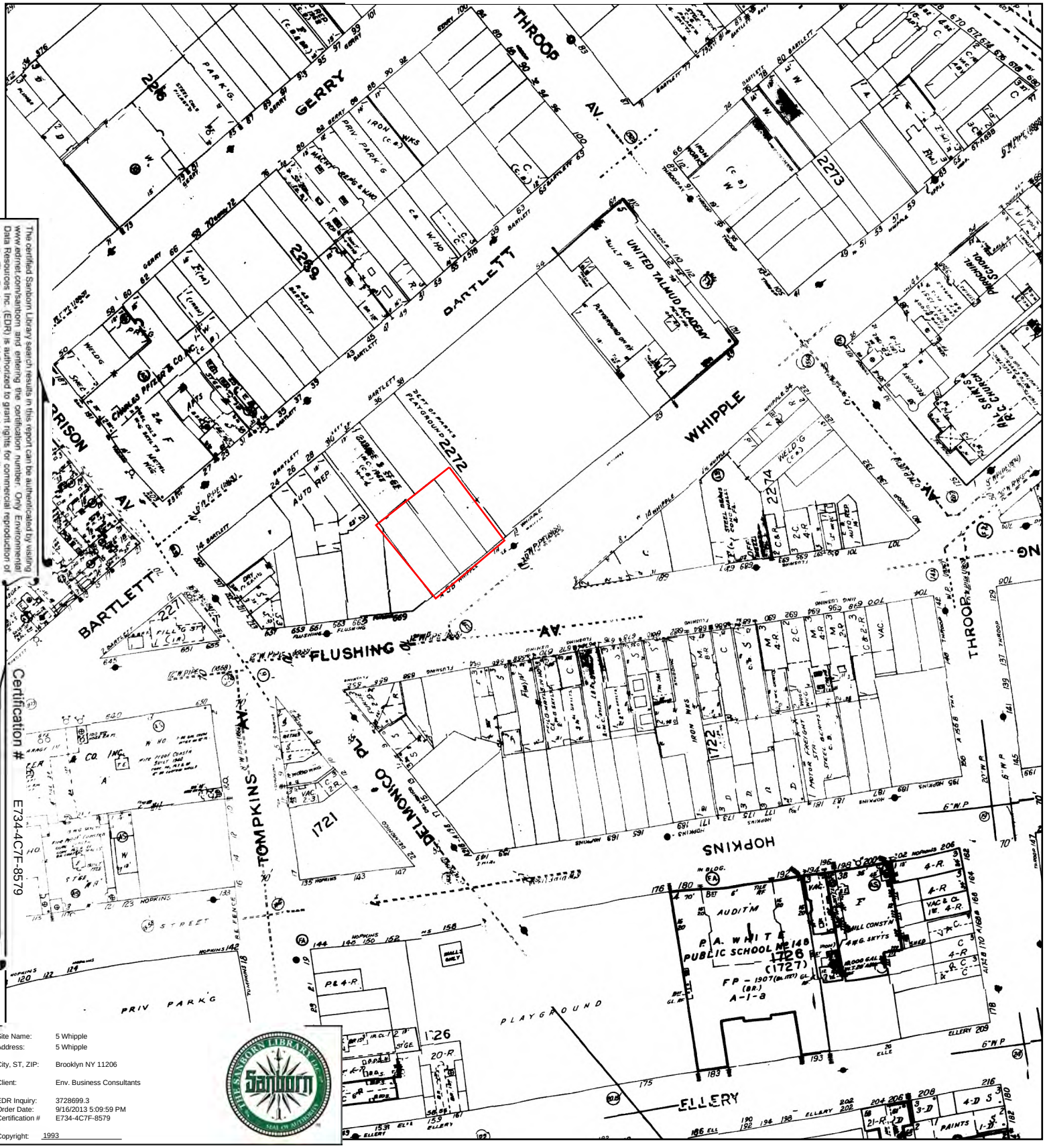

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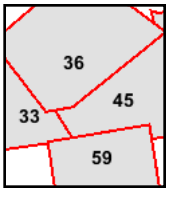

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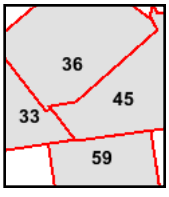

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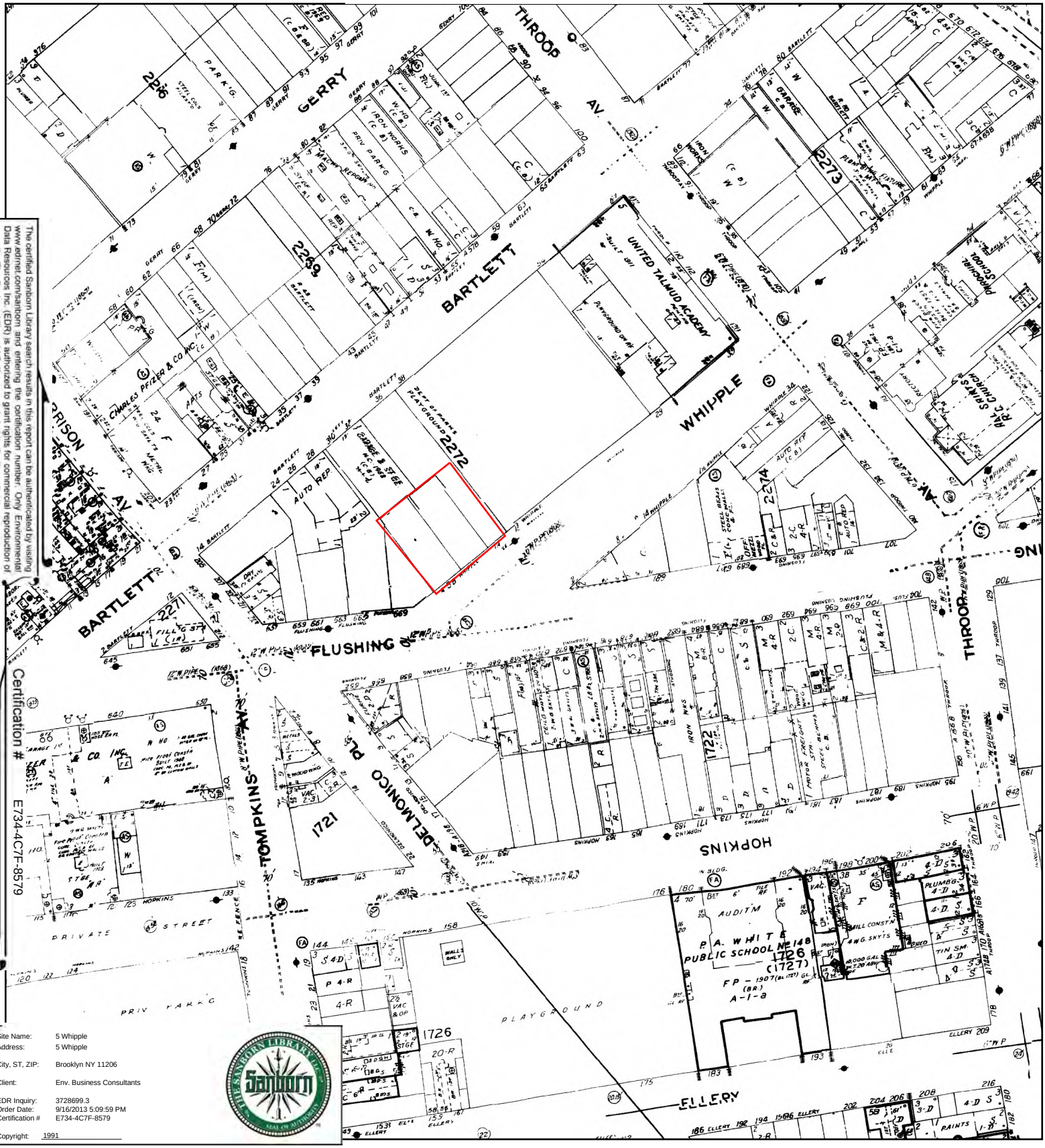

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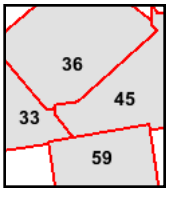

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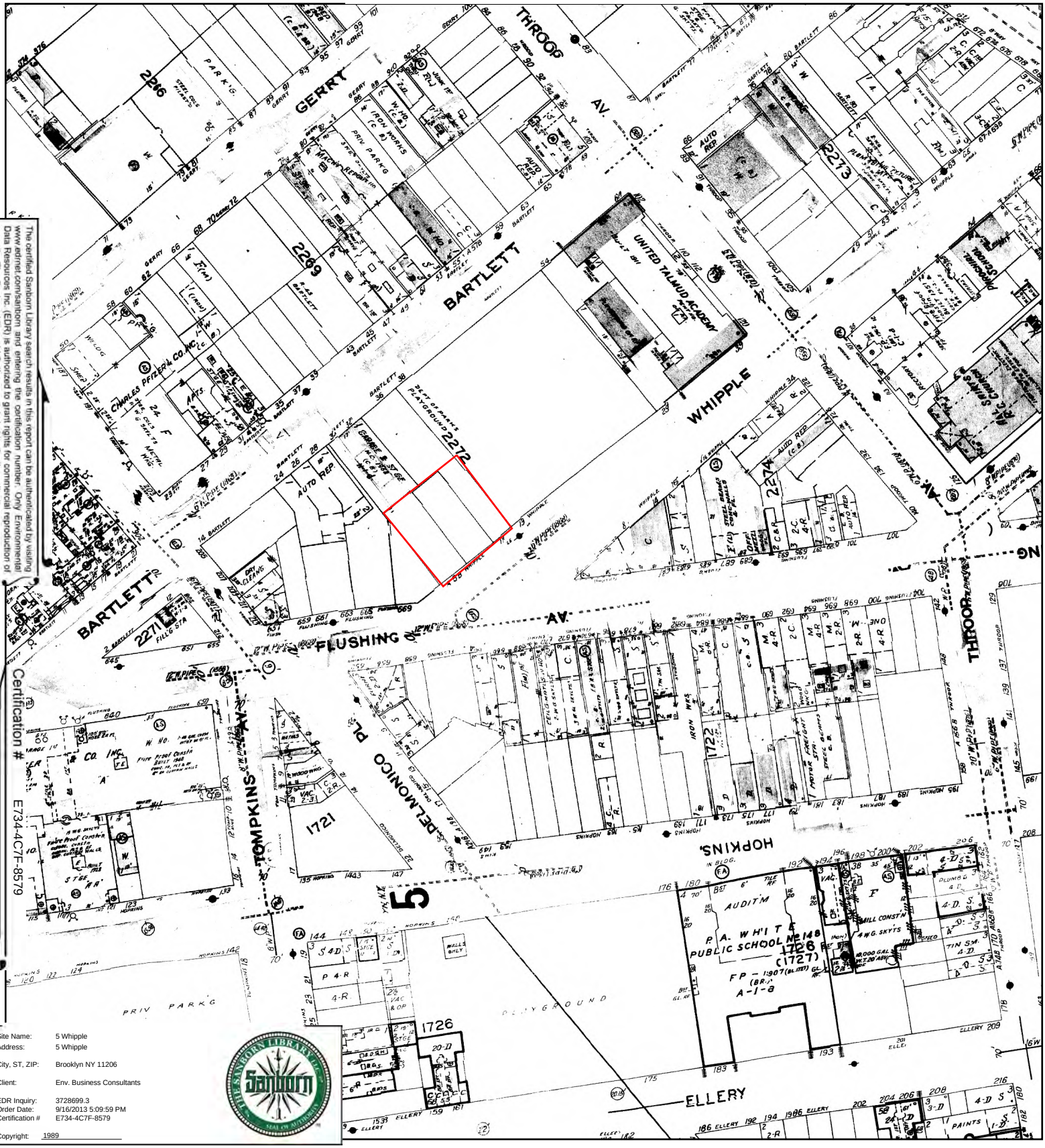

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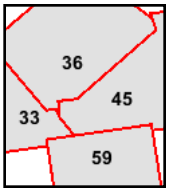

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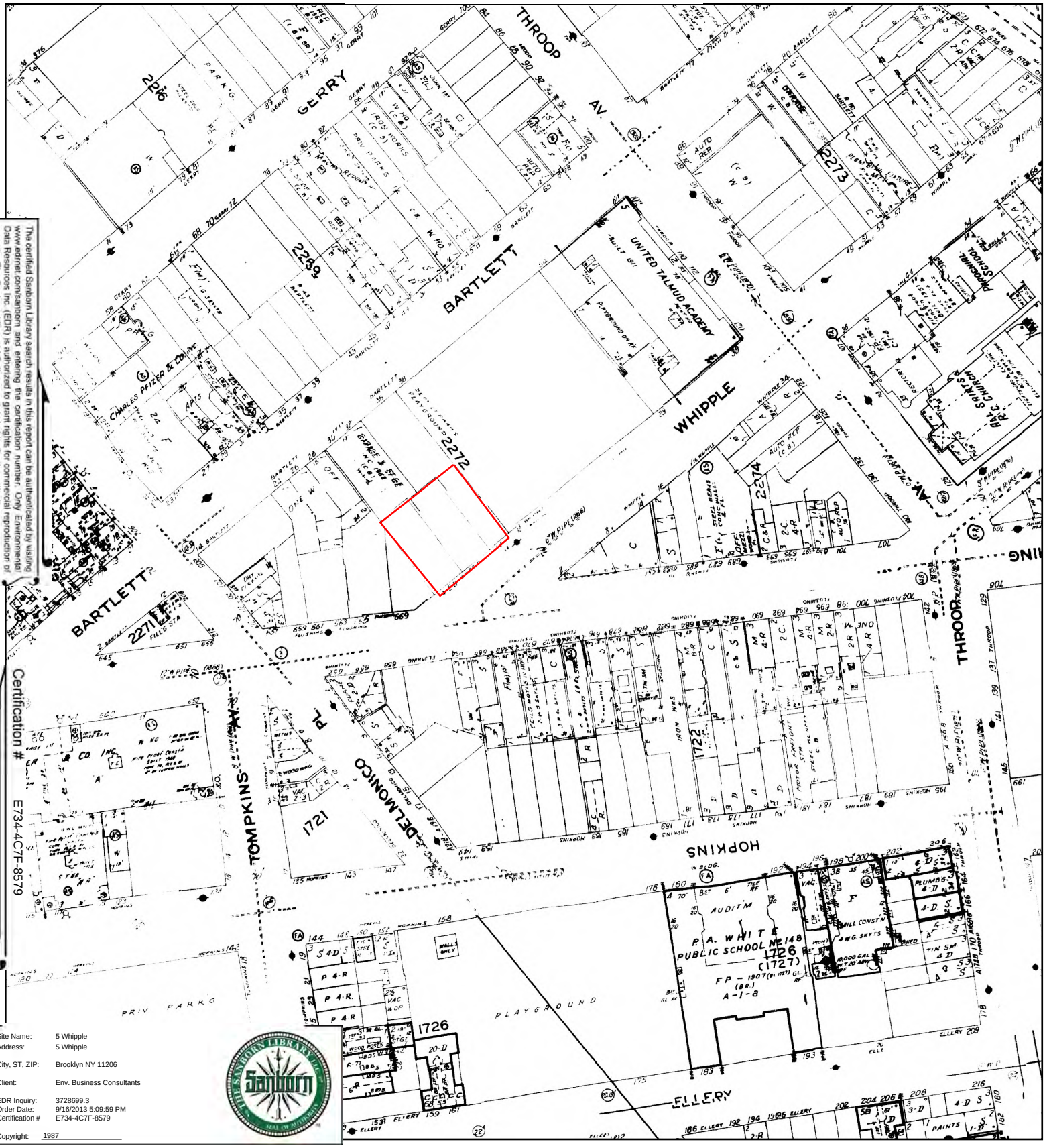

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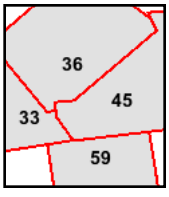

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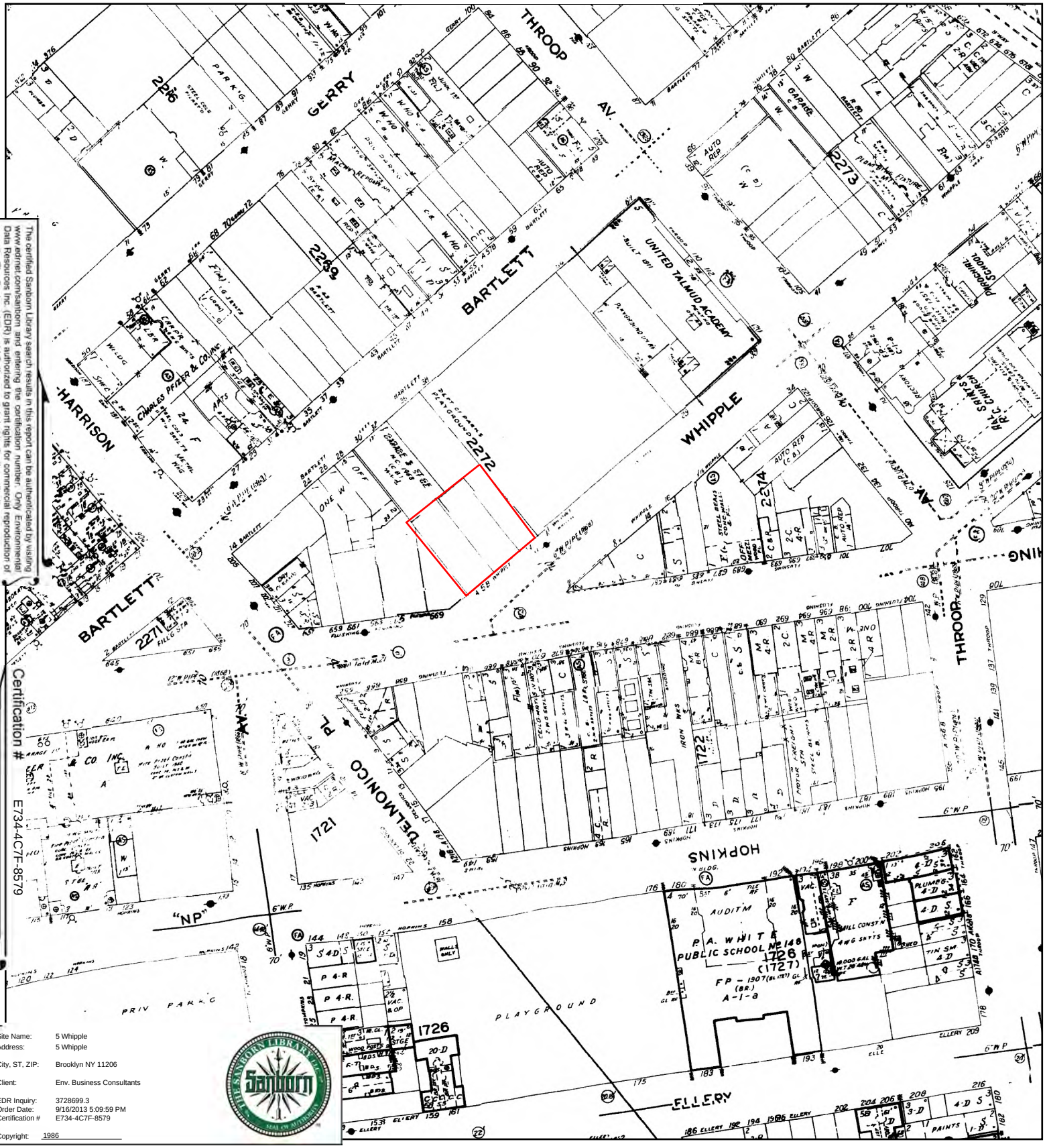

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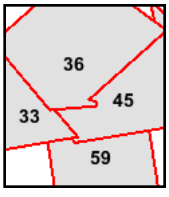

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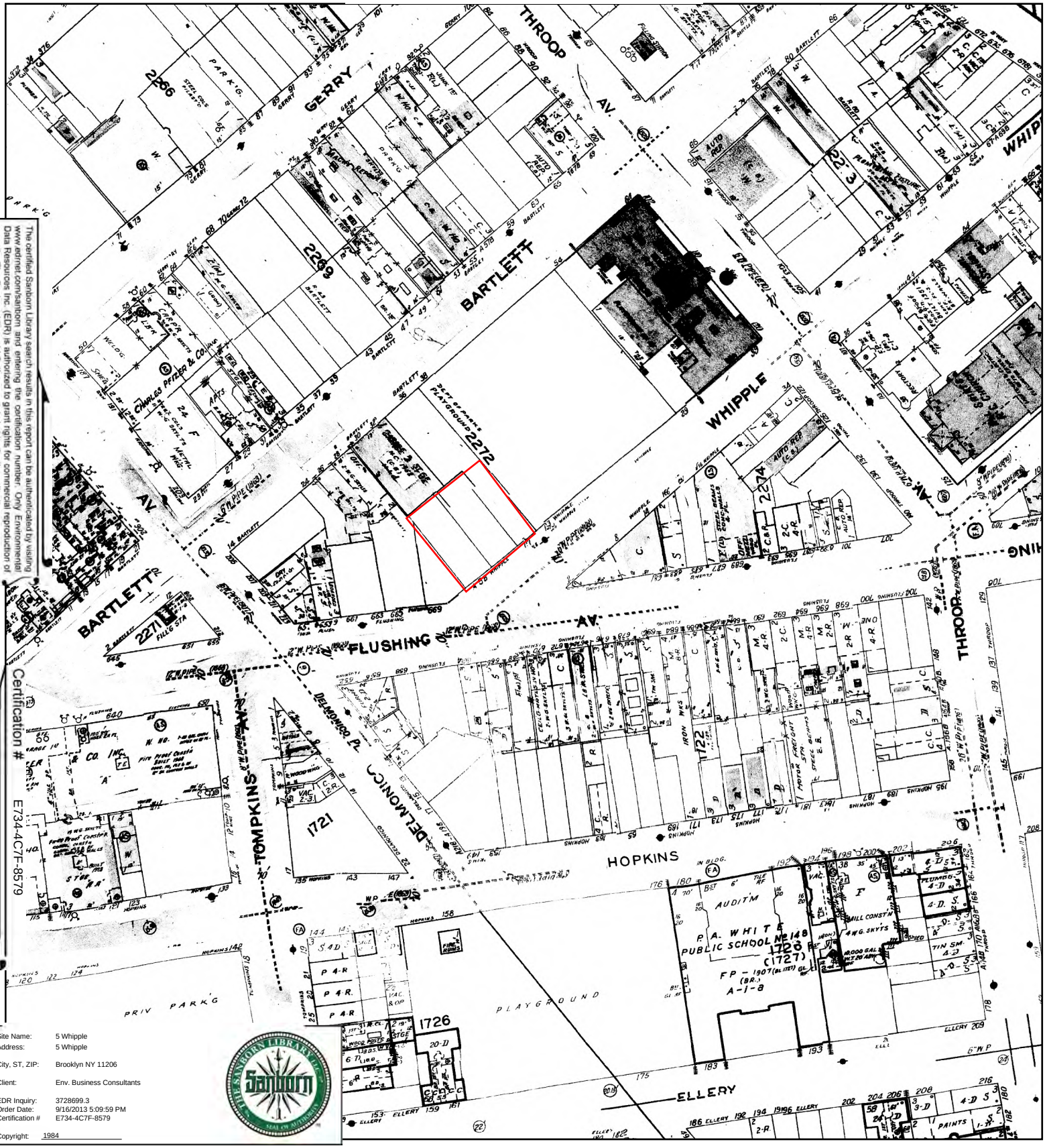

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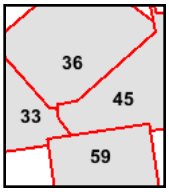

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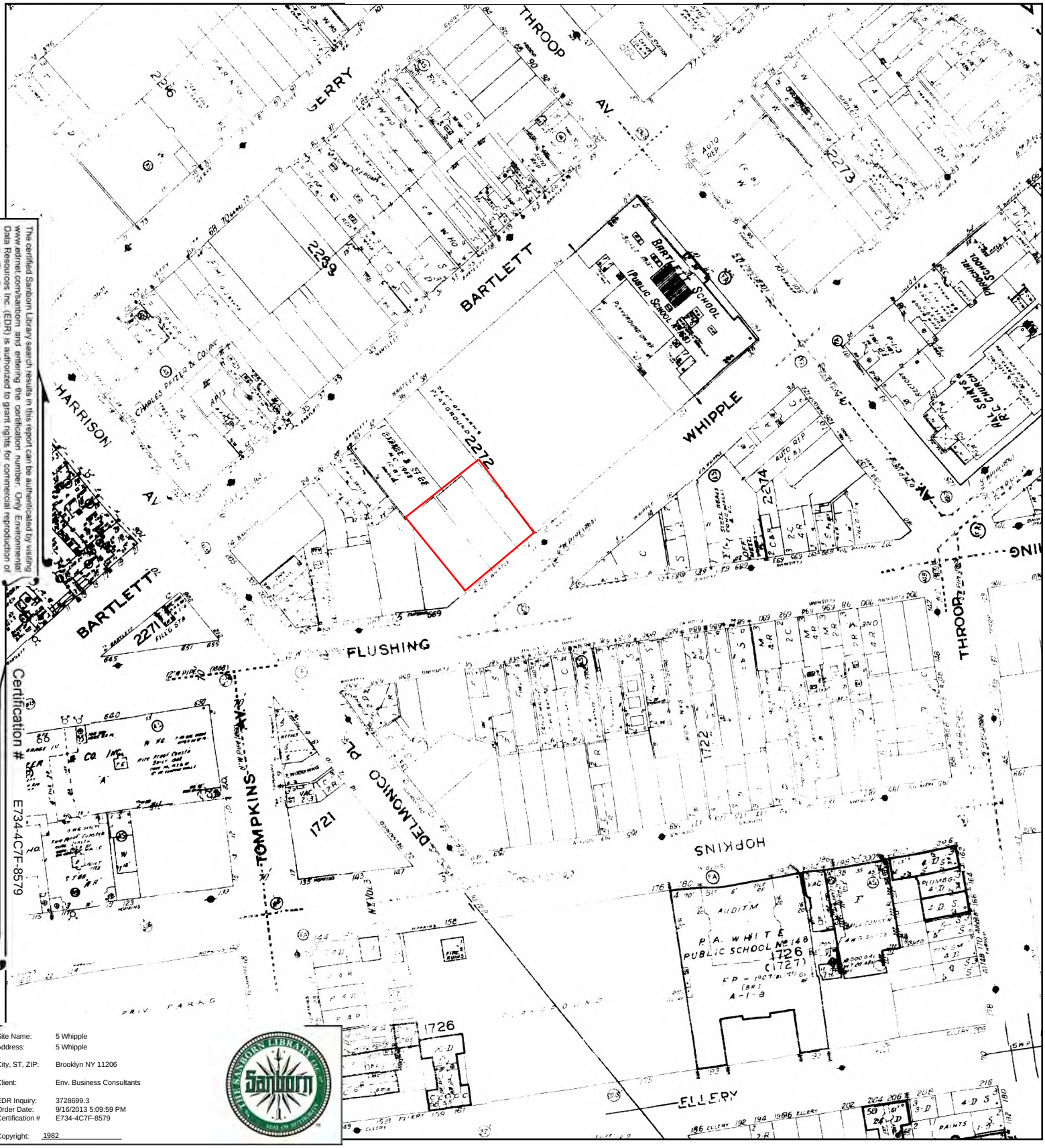

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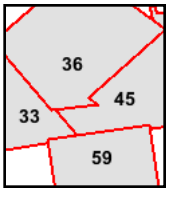

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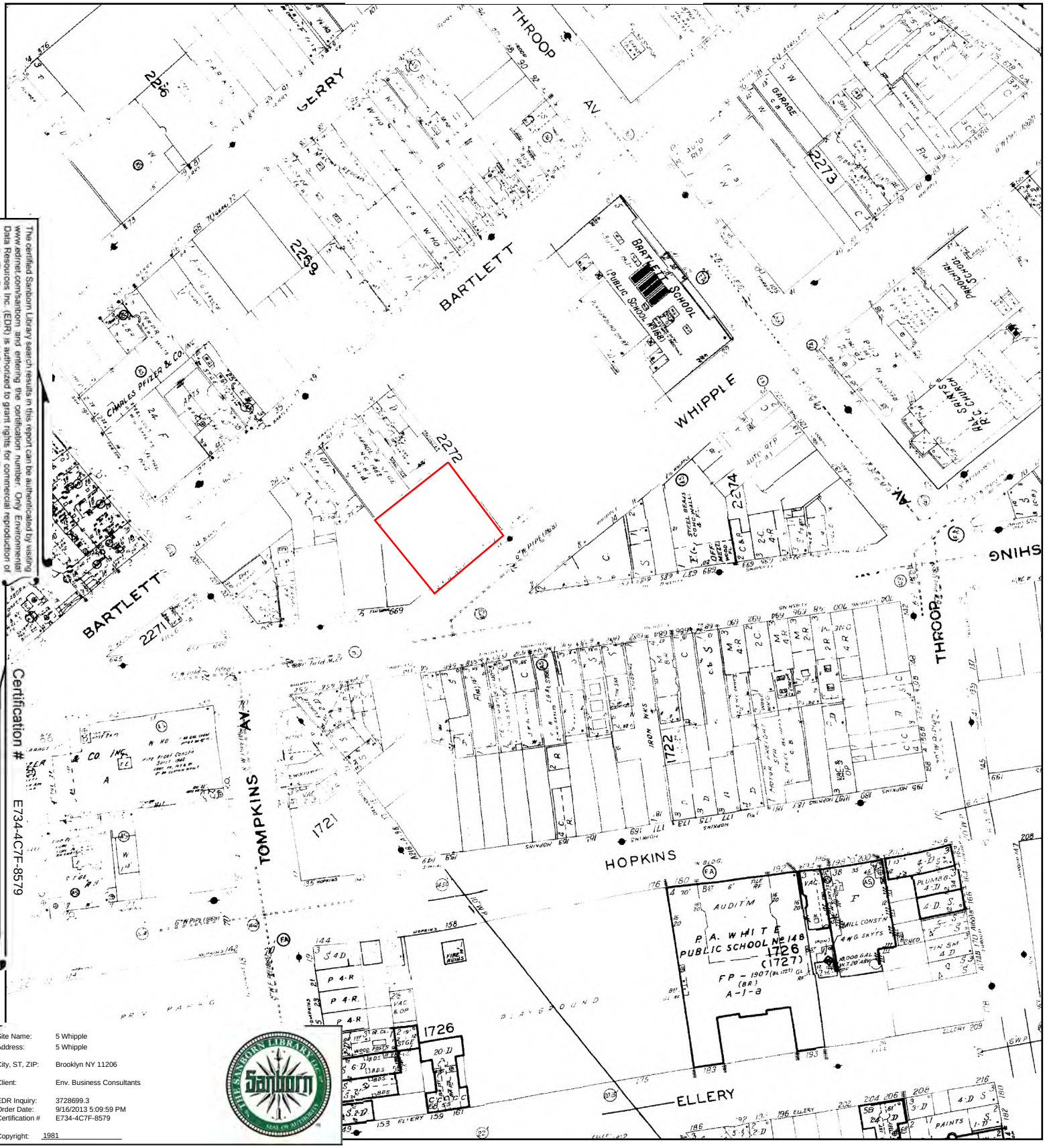
N

1981 Certified Sanborn Map



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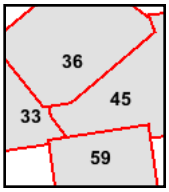
Certification # E734-4C7F-8579

Site Name: 5 Whipple
Address: 5 Whipple
City, ST, ZIP: Brooklyn NY 11206
Client: Env. Business Consultants
EDR Inquiry: 3728699.3
Order Date: 9/16/2013 5:09:59 PM
Certification # E734-4C7F-8579
Copyright: 1981

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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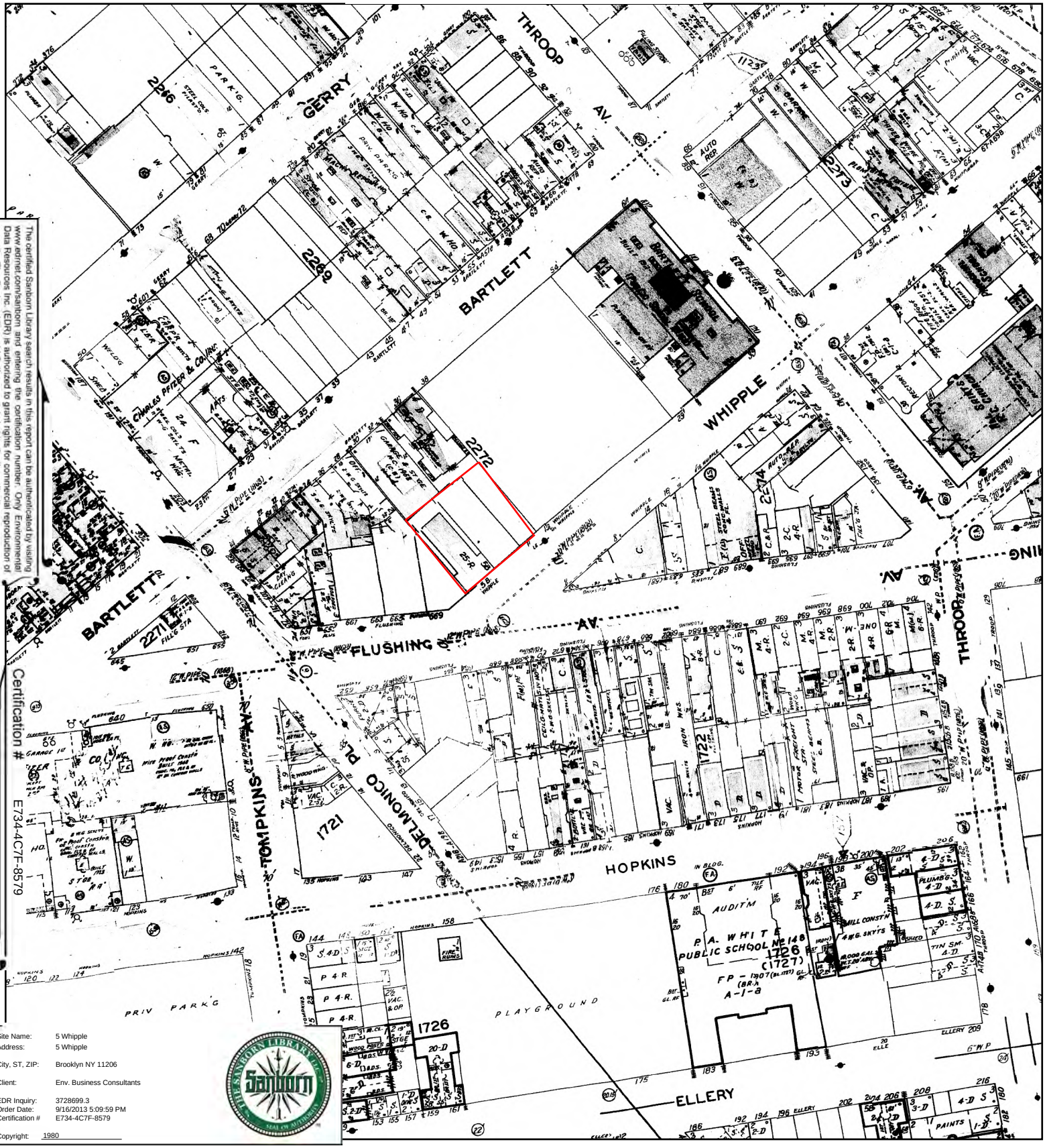
Volume 3, Sheet 45
Volume 3, Sheet 59

0 Feet 150 300 600

N

1980 Certified Sanborn Map



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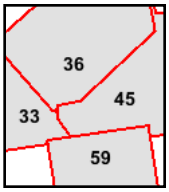
Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1980

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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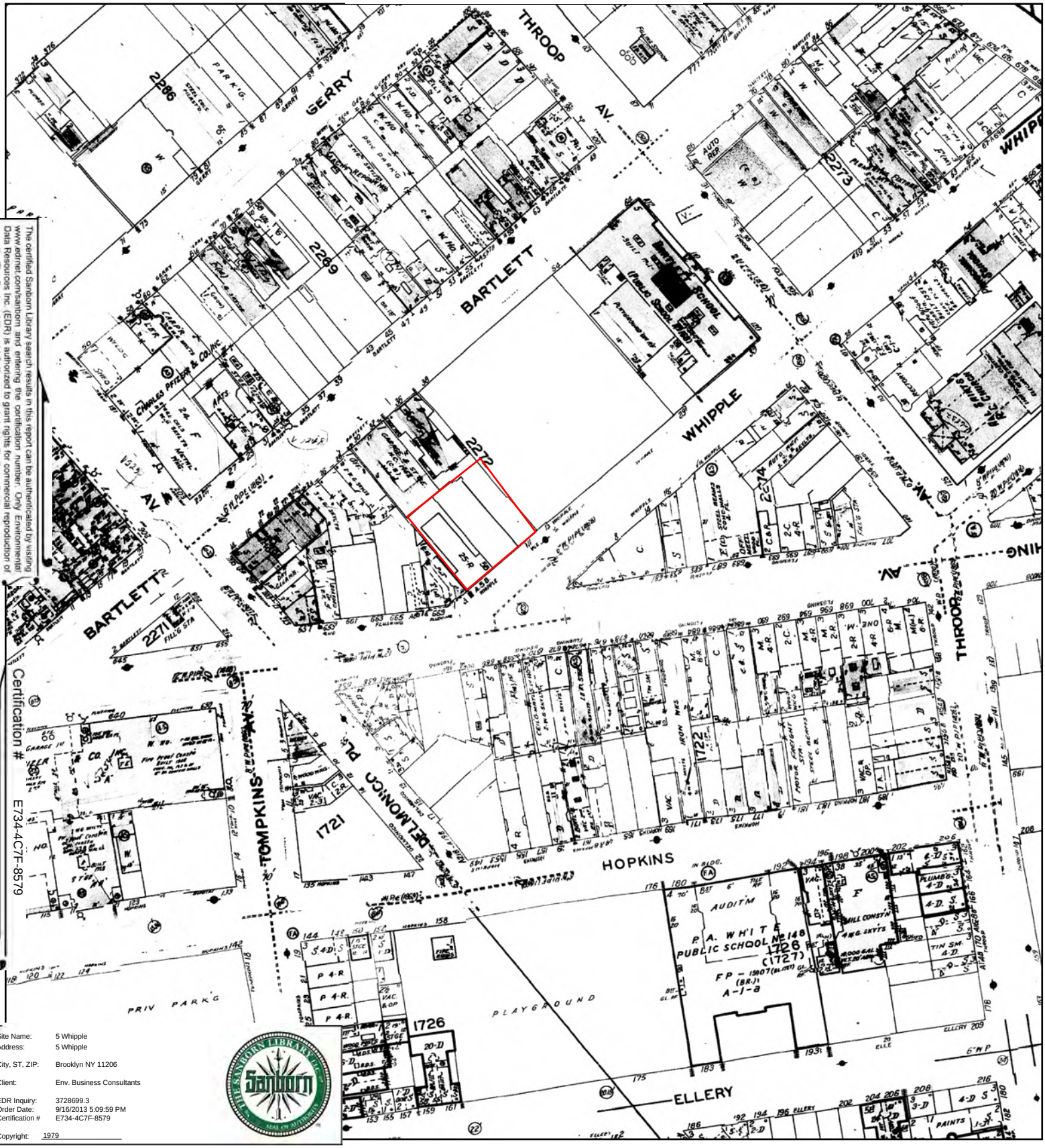
0 Feet 150 300 600

N

1979 Certified Sanborn Map



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Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1979

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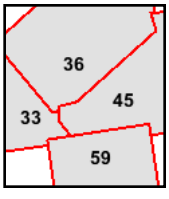

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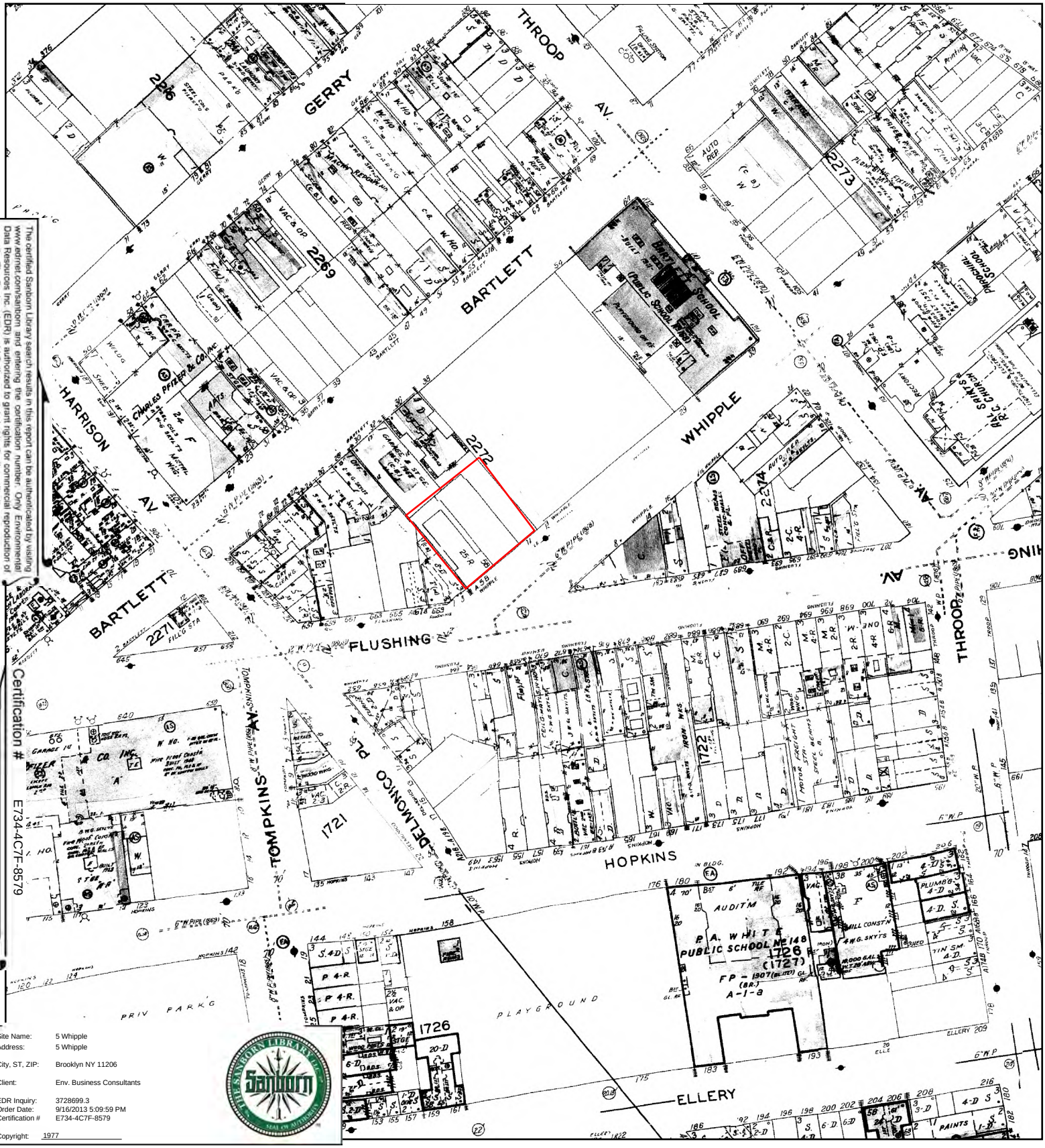
0 Feet 150 300 600

N

1977 Certified Sanborn Map



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Certification # E734-4C7F-8579

Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1977

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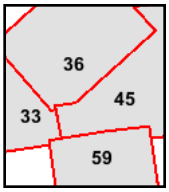

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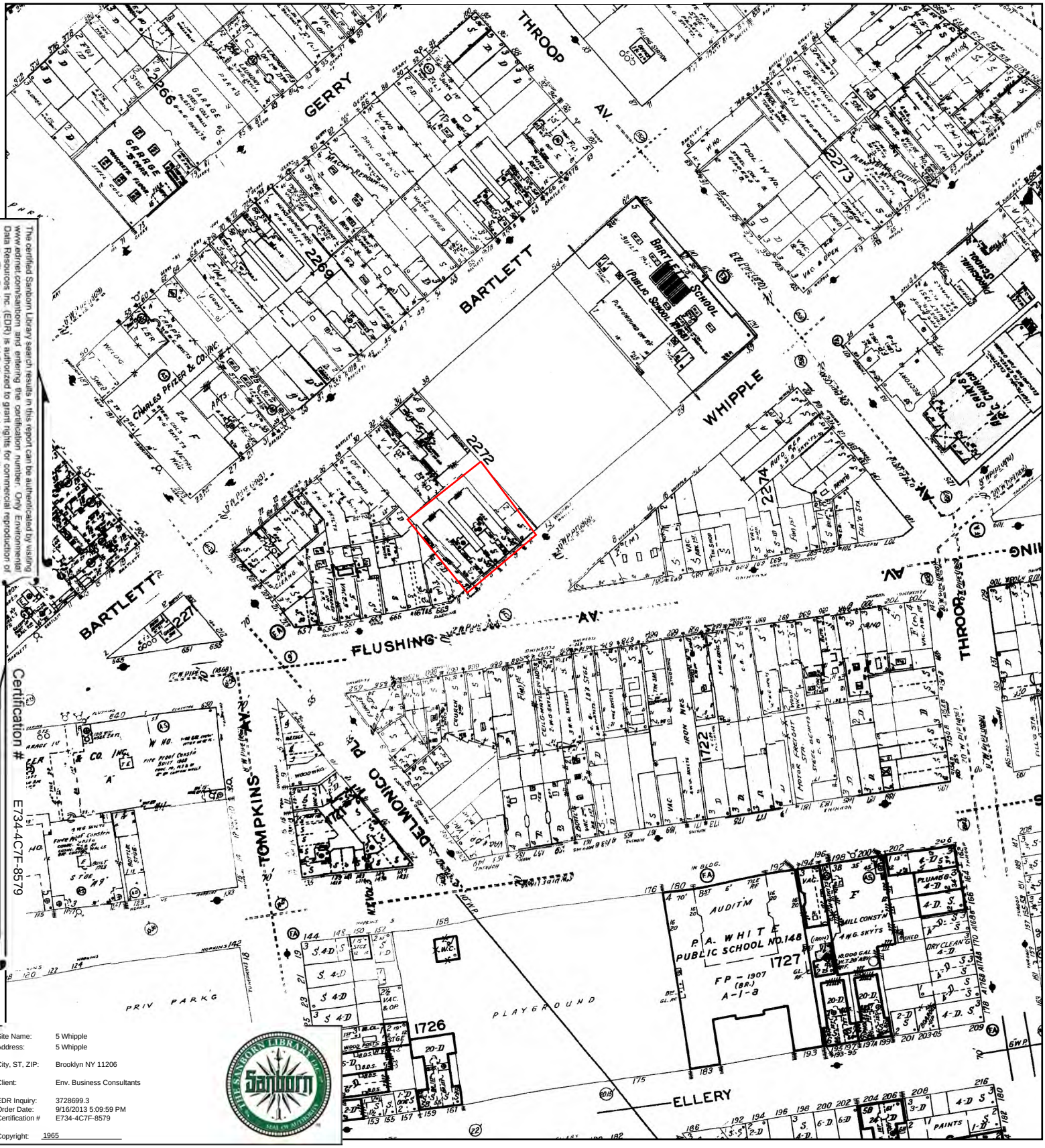
0 Feet 150 300 600

N

1965 Certified Sanborn Map



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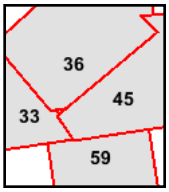
Certification # E734-4C7F-8579

Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1965

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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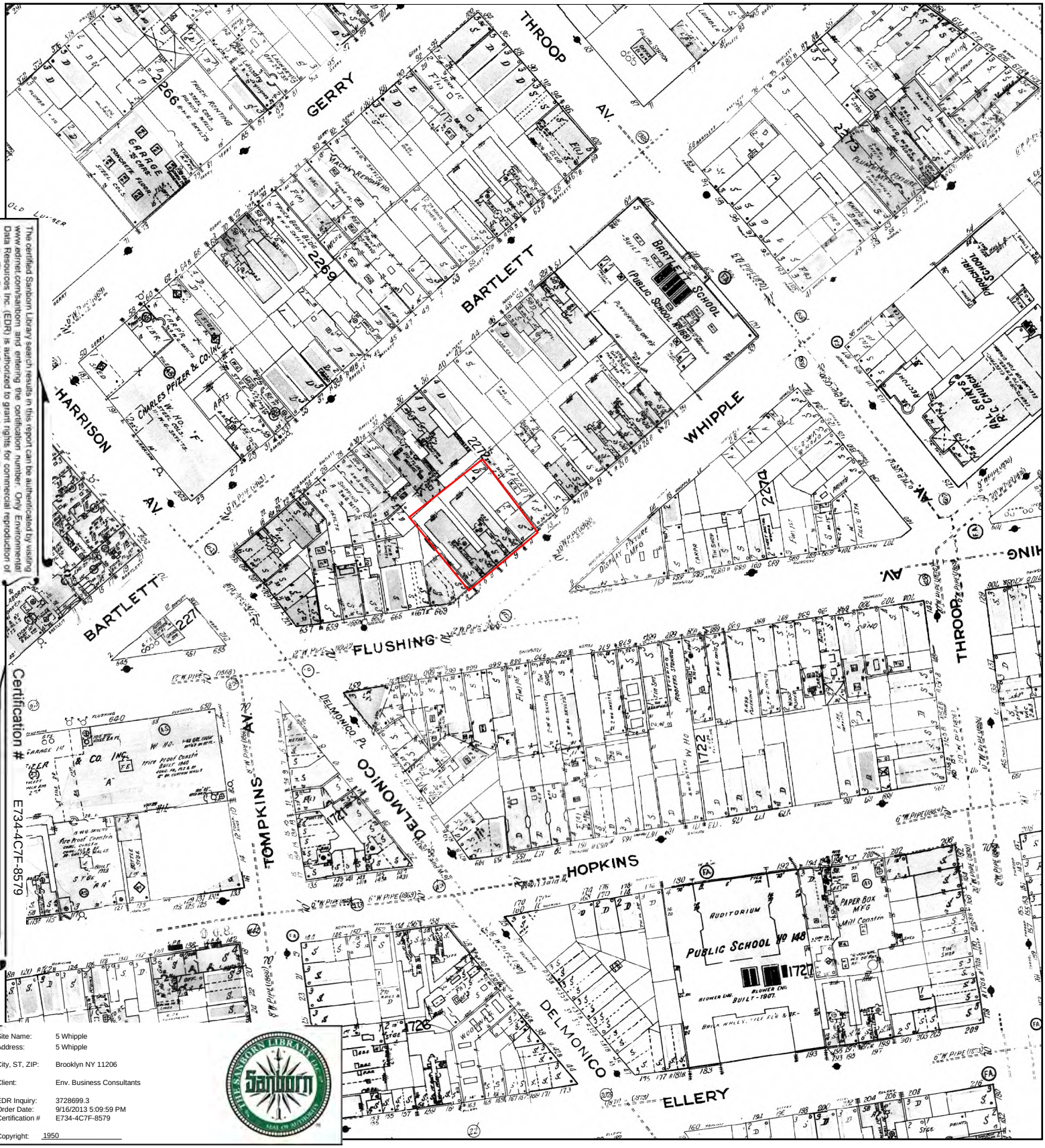
Volume 3, Sheet 36

0 Feet 150 300 600

N

1950 Certified Sanborn Map



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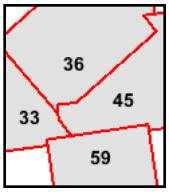
Certification # E734-4C7F-8579

Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1950

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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0 Feet 150 300 600

N

1947 Certified Sanborn Map

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Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1947

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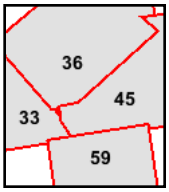
Outlined areas indicate map sheets within the collection.



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0 Feet 150 300 600

N

1935 Certified Sanborn Map

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Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1935

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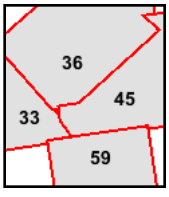

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0 Feet 150 300 600

N

1918 Certified Sanborn Map

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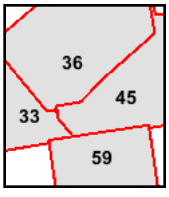
Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1918

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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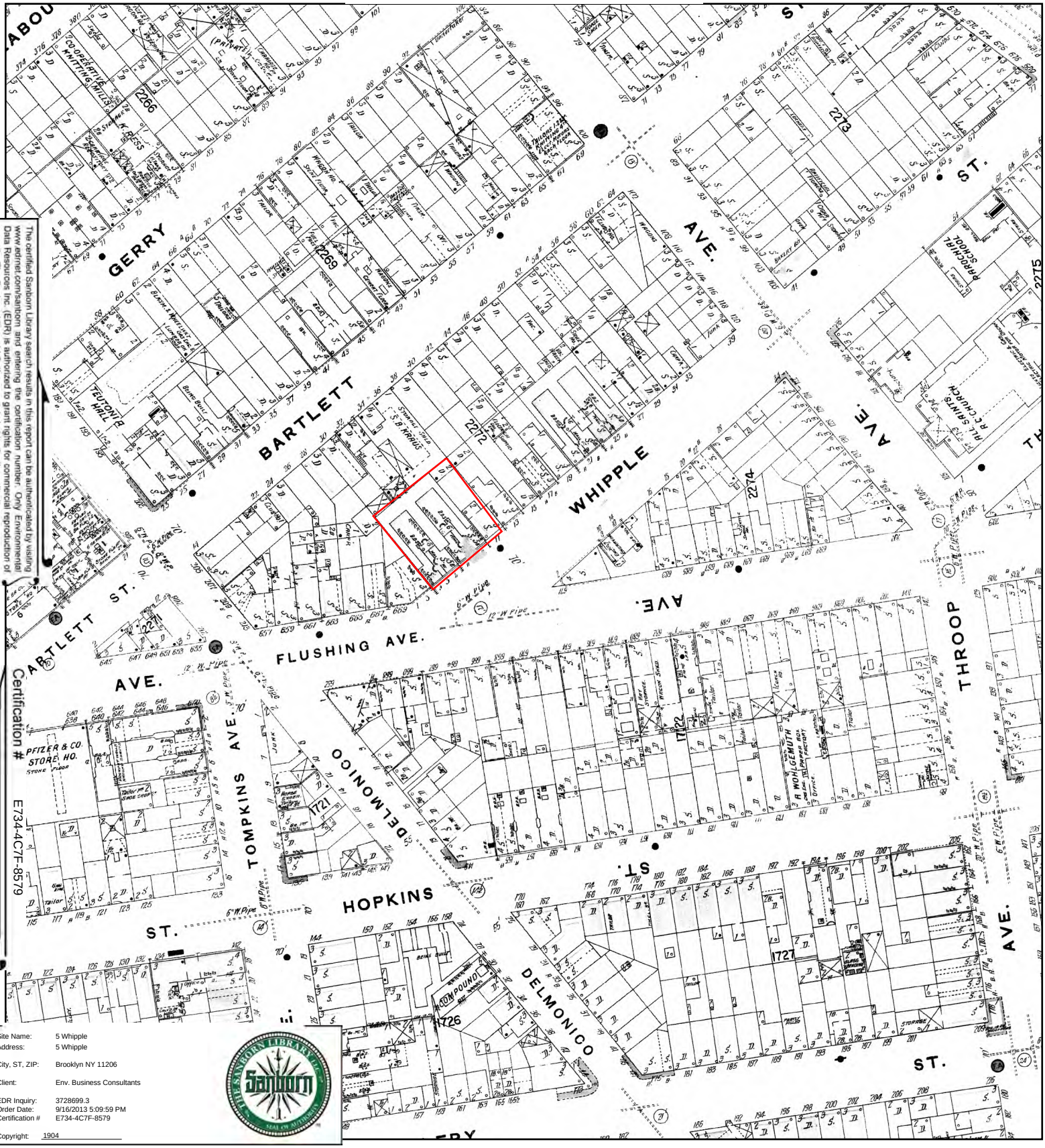
1904 Certified Sanborn Map



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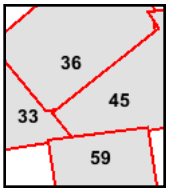
Certification # E734-4C7F-8579

Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1904

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



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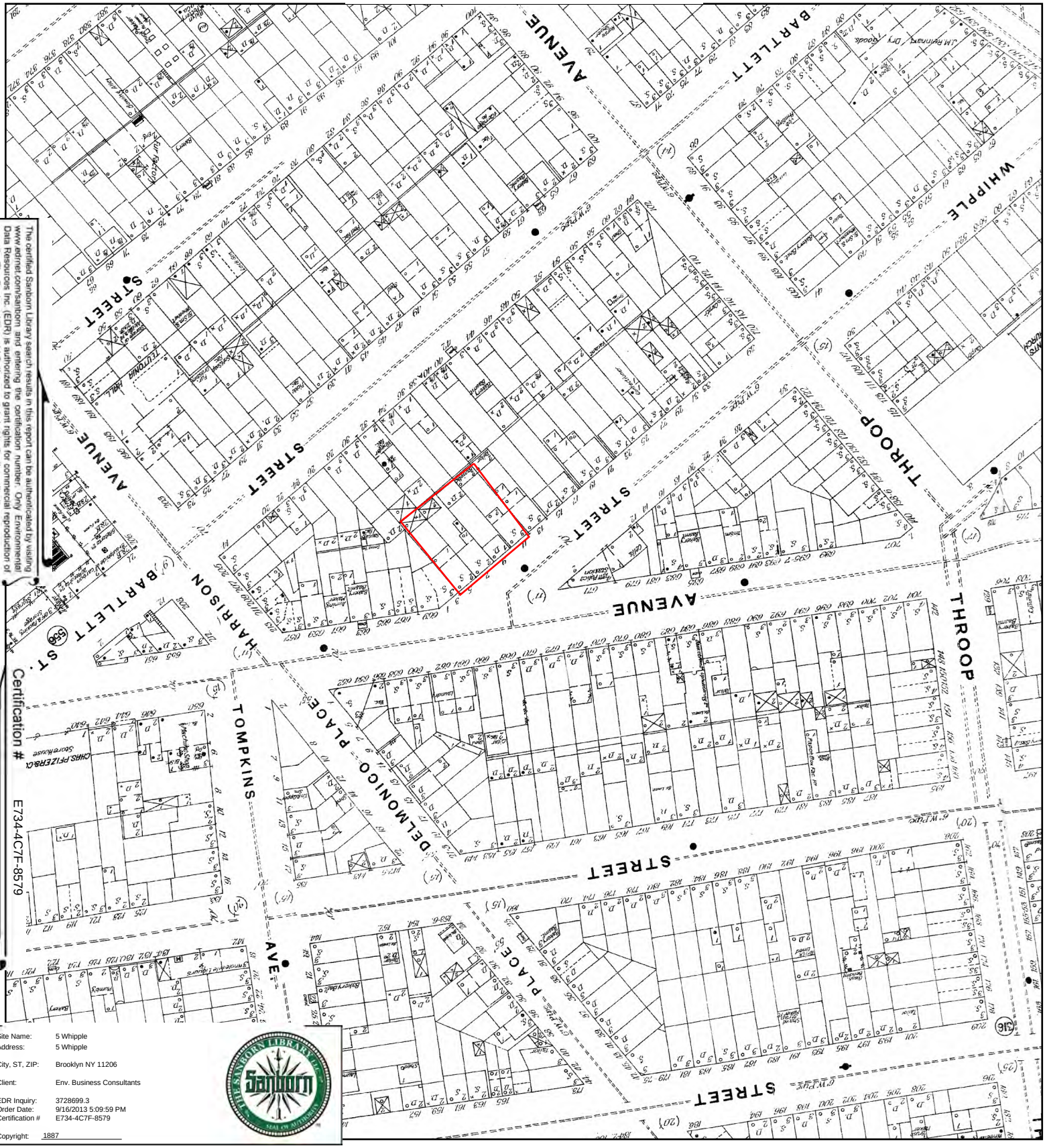
1887 Certified Sanborn Map



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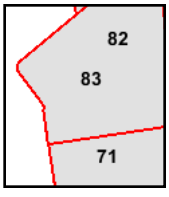
Site Name:	5 Whipple
Address:	5 Whipple
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3728699.3
Order Date:	9/16/2013 5:09:59 PM
Certification #	E734-4C7F-8579
Copyright:	1887

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



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Volume 3, Sheet 83

0 Feet 150 300 600

N

APPENDIX D

HISTORIC CITY DIRECTORY SEARCH

5 Whipple
5 Whipple St
Brooklyn, NY 11206

Inquiry Number: 3728699.5
September 17, 2013

The EDR-City Directory Abstract

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2012	Cole Information Services	-	X	X	-
2007	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
	Hill-Donnelly Corporation	X	X	X	-
2000	Cole Information Services	-	X	X	-
1997	NYNEX	-	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	X	X	X	-
1970	New York Telephone	X	X	X	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone	-	X	X	-
1945	New York Telephone	-	X	X	-
1940	New York Telephone	-	X	X	-
1934	R. L. Polk & Co.	X	X	X	-
1928	New York Telephone	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

5 Whipple St
Brooklyn, NY 11206

FINDINGS DETAIL

Target Property research detail.

5 Whipple St

5 Whipple St

Year	*Uses*	*Source*
1976	LASTRA ROGELIA	New York Telephone
	ROSARIO TOMASA	New York Telephone
	TORO NELLIE	New York Telephone
1973	Davila Armando	New York Telephone
	Davila Ruth	New York Telephone
	Fantauzzi Mildred	New York Telephone
1970	Davila Ruth	New York Telephone
1934	BERCOWITZ BESSIE H	R. L. Polk & Co.
	BERCOWITZ GUSSIE R	R. L. Polk & Co.
	BERCOWITZ IDA STEN R	R. L. Polk & Co.
	GOTTLIEB LOUIS OPR H	R. L. Polk & Co.
	GURSON BENJ BED SPRING MFR	R. L. Polk & Co.
	MANDELL DAVID ELECTN H	R. L. Polk & Co.
	MANDELL HARRY ELECTN R	R. L. Polk & Co.
	OLDSTEIN ISIDORE NEWS DLR H	R. L. Polk & Co.
	PRVSTOWSKY REBEECA R	R. L. Polk & Co.
	ROSENTHAL CHAS OPR H	R. L. Polk & Co.
	ROSENTHAL ROSE R	R. L. Polk & Co.
	ROWINSKY HYMAN SLSMN H	R. L. Polk & Co.
	ROWINSKY JOS FNSHR R	R. L. Polk & Co.
	ROWINSKY SOL CLK H	R. L. Polk & Co.
	SALTZBERG MICHL CHAUF H	R. L. Polk & Co.
	STERLING EDW PNTR H	R. L. Polk & Co.
	WEISS MORRIS MECH H	R. L. Polk & Co.
	YOUNG HELEN TABLE HD R	R. L. Polk & Co.
	YOUNG JACOB FNSHR H	R. L. Polk & Co.

FINDINGS

WHIPPLE ST

11 WHIPPLE ST

Year	*Uses*	*Source*
2005	Allen Jarvis Av	Hill-Donnelly Corporation
	Star Car Rental	Hill-Donnelly Corporation

9 WHIPPLE ST

Year	*Uses*	*Source*
1973	Alamo R M	New York Telephone
	Ayala Julia	New York Telephone
	Lugo Antonia	New York Telephone
1970	Jimenez Antonia	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

FLUSHING AVE

664 FLUSHING AVE

Year	Uses	Source
2012	B & B REFRIGERATION RESTAURANT	Cole Information Services
2007	GREG REFRIGERATION SERVICE	Cole Information Services

666 FLUSHING AVE

Year	Uses	Source
2007	CHILDRENS ROOM OF BROOKLYN	Cole Information Services

667 FLUSHING AVE

Year	Uses	Source
1970	El Encanto Barber Shop	New York Telephone
	Quinones Gregoria	New York Telephone
1960	STECKLER S GLASS	New York Telephone
	ONGA ANNA V	New York Telephone
	BALL GLASS CO	New York Telephone
	Steckler S glass	New York Telephone Company
	Onga Anna V	New York Telephone Company
	Ball Glass Co	New York Telephone Company
1949	Steckler S glass	New York Telephone
	Ortiz Matilda grocry	New York Telephone
	Einhorn Jos	New York Telephone
1934	BROWN CORA H	R. L. Polk & Co.
	BROWN ROSE LNDRYWN R	R. L. Polk & Co.
	BROWN THOS LAB R	R. L. Polk & Co.
	GREEN FREDK LAB R	R. L. Polk & Co.
	LUSTER RUTH H	R. L. Polk & Co.
	MATTOCKS ALBERT LAB H	R. L. Polk & Co.
	SPADARO DOMINIC SHOE REPR H DO	R. L. Polk & Co.

669 FLUSHING AVE

Year	Uses	Source
1973	Evrr Ready Coffee Urn Reprng	New York Telephone

FINDINGS

Year	Uses	Source
1973	Coml Refrigeration	New York Telephone
	Acme Soda Fountain Co Inc	New York Telephone
	Ever Ready Kitchen Equip Co	New York Telephone
1970	Ever Ready Coffee Urn Reprng	New York Telephone
	Ever Ready Kitchen Equip Co	New York Telephone
1965	Ever Ready Kitchen Equip Co	New York Telephone
1960	Ever Ready Kitchen Equip Co	New York Telephone Company
	EVER-READY KITCHEN EQUIP CO	New York Telephone
1928	BIEDER S STORE FIX	New York Telephone

670 FLUSHING AVE

Year	Uses	Source
2012	FLUSHING SUPPLY CORPORATION	Cole Information Services
2007	FLUSHING SUPPLY CORP	Cole Information Services

671 FLUSHING AVE

Year	Uses	Source
1960	PERFECT CASTIWG CO centrfgl castngs	New York Telephone Company
	Rubino Frank & Son dental Instrmts	New York Telephone Company
	PERFECT CASTIWG CO CENTRFGL CASTNGS	New York Telephone
	RUBINO FRANK & SON DENTAL INSTRMTS	New York Telephone
1949	Konchan M metalcraft	New York Telephone
	Lynch Plate Glass & Mirror Wks	New York Telephone
	Modern Metalcralt Corp	New York Telephone

679 FLUSHING AVE

Year	Uses	Source
1934	FLUSHING METAL CELLING CORP HARRY GREENBERG PRES JOS FLAM SEC-TREAS	R. L. Polk & Co.

694 FLUSHING AVE

Year	Uses	Source
2005	Jerusalem Refrigeration	Hill-Donnelly Corporation
	Luna David v	Hill-Donnelly Corporation
	Villavicencio Carios	Hill-Donnelly Corporation
2000	MAYRA ALMEYDA	Cole Information Services
	ANGEL CARLOS	Cole Information Services
	JERUSALEM REFRIG	Cole Information Services

FINDINGS

Year	Uses	Source
1997	ALMEYDA Mayra	NYNEX
	MATEO Luis	NYNEX
1992	JERUSALEM REFRIGERATION	NYNEX Informantion Resource Co.
1985	JERUSALEM REFRIGERATION	NYNEX Information Resources Company
	JERUSALEM REFRIGERATION INC	NYNEX Information Resources Company
1976	YORK FOOD SVCE EQUIP INC	New York Telephone
1973	York Food Svce Equip Inc	New York Telephone
1970	Johnson Marjorie	New York Telephone
	Raymond Bernice	New York Telephone
	York Food Svce Equip Inc	New York Telephone
1965	Carter Roy	New York Telephone
	Jenkins Marjorie A	New York Telephone
	Raymond Bernice Mrs	New York Telephone
	York Food Svce Equip Inc	New York Telephone
1960	RAYMOND WM A	New York Telephone
	YORK FOOD SVCE EQUIP INC	New York Telephone
	Raymond Wm A	New York Telephone Company
	York Food Svce Equip Inc	New York Telephone Company
1945	Weissman A store fixtures	New York Telephone
1940	Weissman A store fixtures	New York Telephone
1934	DURSO ANTHONY DRIVER H	R. L. Polk & Co.
	STERN BARNEY SLSMN R	R. L. Polk & Co.
	STERN MURRAY SLSMN R	R. L. Polk & Co.
	STERN REBECCA H	R. L. Polk & Co.
	WEISSMAN ABR STORE FIXTURES	R. L. Polk & Co.
1928	WEISSMAN A STORE FIXTURES	New York Telephone

696 FLUSHING AVE

Year	Uses	Source
2005	u Rodriguez Javler	Hill-Donnelly Corporation
2000	LYDIA ROQUE	Cole Information Services
	YAHIA SALIM	Cole Information Services
1997	PAUCAR Muncci	NYNEX
	PAUCAR Manuel	NYNEX
1985	AMERICAN KITCHEN REPR CO INC	NYNEX Information Resources Company
	ARAGON WILLIAM	NYNEX Information Resources Company
1976	COLEMAN SYLVESTER	New York Telephone
1973	Coleman Sylvester	New York Telephone
	Martenez Edwin	New York Telephone

FINDINGS

Year	Uses	Source
1970	Coleman Sylvester	New York Telephone
1965	Coleman Sylvester	New York Telephone
	Vargas Edwin	New York Telephone
1960	COLEMAN SYLVESTER	New York Telephone
	Coleman Sylvester	New York Telephone Company
1934	BOSCH J LOUIS PRES ASSN OF MASTER PLMBRS OF THE BORO OF BKN H	R. L. Polk & Co.
	BOSCH JOHN & SON PLMBRS	R. L. Polk & Co.
	GERRY BARBARA STEN R	R. L. Polk & Co.
	GERRY CATH R	R. L. Polk & Co.
	GERRY GEO PLMBR R	R. L. Polk & Co.
	GERRY JOHN PLMBR H	R. L. Polk & Co.
	SMITH GEO A LAB H	R. L. Polk & Co.

698 FLUSHING AVE

Year	Uses	Source
2005	Murphy M v	Hill-Donnelly Corporation
	Collins Z	Hill-Donnelly Corporation
	Magee William	Hill-Donnelly Corporation
2000	V COLE	Cole Information Services
	DAVID TRACY	Cole Information Services
1997	APONTE G	NYNEX
1985	JAQUEZ MONICA	NYNEX Information Resources Company
	JORDAN JOYCE	NYNEX Information Resources Company
	MERCADO I	NYNEX Information Resources Company
1980	MARTINEZ C	New York Telephone
1976	ANNEX REFRIGRATN	New York Telephone
	FELICIANO PATRICIA	New York Telephone
	NATL FIXTURE CO	New York Telephone
	NATL FIXTURE CO	New York Telephone
	OJEDA A	New York Telephone
1973	Lauberbaum N fixts	New York Telephone
	Merced Juanita	New York Telephone
	Natl Fixture Co	New York Telephone
	Seda Julio	New York Telephone
1970	Lauberbaum N fixts	New York Telephone
	Merced Juanita	New York Telephone
	Natl Fixture Co	New York Telephone
1965	Lauberbaum N fixts	New York Telephone

FINDINGS

Year	Uses	Source
1965	Natl Fixture Co	New York Telephone
1960	LAUBERBAUM N FIXTS	New York Telephone
	NATL FIXTURE CO	New York Telephone
	NICOLEAU B A	New York Telephone
	VALENTINE ELEANOR	New York Telephone
	Lauberbaum N fixts	New York Telephone Company
	Natl Fixture Co	New York Telephone Company
	Nicoleau B A	New York Telephone Company
	Valentine Eleanor	New York Telephone Company
1949	Johnson Roy	New York Telephone
	Lauberbaum N fixts	New York Telephone
	Natl Fixture Co	New York Telephone
1945	Lauberbaum N fixts	New York Telephone
	Natl Fixture Co	New York Telephone
1940	Lauberbaum N fixts	New York Telephone
	Natl Fixture Co	New York Telephone
1934	LORBERBAUM JENNIE H	R. L. Polk & Co.
	NATIONAL FIXTURE CO STORE FIXTURES	R. L. Polk & Co.
	PROVENZANO SALVATORE LAB H	R. L. Polk & Co.
	KAMPIS VALENTINE SEAMN H	R. L. Polk & Co.
	LORBER BENJ CARP H	R. L. Polk & Co.
1928	NATL FIXTURE CO	New York Telephone

700 FLUSHING AVE

Year	Uses	Source
1980	YORK FOOD SVCE EQUIP INC	New York Telephone
1973	New Natl Const Co	New York Telephone
1970	New Natl Const Co	New York Telephone

702 FLUSHING AVE

Year	Uses	Source
2005	HDavila A	Hill-Donnelly Corporation
1976	ANNA COML REFRIGERATION MFG CORP	New York Telephone
	ESPINOSA RAMON L	New York Telephone
	ESPINOSA RAMON L	New York Telephone
	MACARENO MOISES	New York Telephone
	MONGE ROSENDO	New York Telephone
1973	Berniers Refrigratn & Store Fixt Co	New York Telephone

FINDINGS

Year	Uses	Source
1973	Murillo Julio	New York Telephone
1970	Berniers Refrigratn & Store Fixt to	New York Telephone
1965	Mercado Carmen	New York Telephone
	New Natl Const Co	New York Telephone
	Santiago Nilda Mrs	New York Telephone
1960	PEREZ MARCOS	New York Telephone
	GOTTFRIED REFRIGRATN EQUIP	New York Telephone
	CRUZ EURIQUE	New York Telephone
	Cruz Eurique	New York Telephone Company
	Gottfried Refrigratn Equip	New York Telephone Company
	Perez Marcos	New York Telephone Company
1945	Triangle Refrigeratn Svce	New York Telephone
	Triangle Show Case & Fixt Corp	New York Telephone
1940	Flushing Bargain House	New York Telephone
	Konigsberg Max fixts	New York Telephone
1934	EICHELER MINNIE DRY GDS H DO	R. L. Polk & Co.

704 FLUSHING AVE

Year	Uses	Source
2005	h Cesareo F A	Hill-Donnelly Corporation
	h Ortiz Jesus	Hill-Donnelly Corporation
	Paredes Derick	Hill-Donnelly Corporation
	H Rqjas Luls	Hill-Donnelly Corporation
2000	LUIS ROJAS	Cole Information Services
1997	CESAREO Nydia	NYNEX
1976	NIEVES CARMEN	New York Telephone
	PROCESS HRDWR MFG CO INC	New York Telephone
	PROGRESS HRDWR MFG CO INC	New York Telephone
1973	Nieves Carmen	New York Telephone
	Process Hrdwr Mfg Co Inc	New York Telephone
	Progress Hrdwr Mfg Colnc	New York Telephone
1970	Process Hrdwr Mfg Co Inc	New York Telephone
	Progress Hrdwr Mfg Co Inc	New York Telephone
1965	Gonzalez Salome	New York Telephone
	Process Hrdwr Mfg Co Inc	New York Telephone
	Progress Hrdwr Mfg Co Inc	New York Telephone
	Romero Benny	New York Telephone
1960	CORRECT SCALE CO	New York Telephone
	GOMAR ALFRED	New York Telephone

FINDINGS

Year	Uses	Source
1960	KIRSCHNER O SCALES	New York Telephone
	Correct Scale Co	New York Telephone Company
	Gomar Alfred	New York Telephone Company
	Kirschner O scales	New York Telephone Company
1949	Correct Scale Co	New York Telephone
	Kirschner D scales	New York Telephone
1945	Correct Scale Co	New York Telephone
	Kirschner D scates	New York Telephone
1940	Correct Scale Co	New York Telephone
1934	BASEL JOS S CLK H	R. L. Polk & Co.
	BOMMERITA CLEMENT H	R. L. Polk & Co.
	CORRECT SEALE CO	R. L. Polk & Co.
	MANA JAS R	R. L. Polk & Co.
	MINEO JOHN H	R. L. Polk & Co.
	MINEO JOHN JR R	R. L. Polk & Co.
	MINEO JOS R	R. L. Polk & Co.
	SCALFANI ANTHONY FISH DLR H	R. L. Polk & Co.
1928	CORRECT SCALE CO	New York Telephone
	WM SCALES	New York Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
5 Whipple St	2012, 2007, 2000, 1997, 1992, 1985, 1980, 1965, 1960, 1949, 1945, 1940, 1928

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
664 FLUSHING AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
666 FLUSHING AVE	2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
667 FLUSHING AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1965, 1945, 1940, 1928
669 FLUSHING AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1949, 1945, 1940, 1934
670 FLUSHING AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
671 FLUSHING AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1945, 1940, 1934, 1928
679 FLUSHING AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
694 FLUSHING AVE	2012, 2007, 1980, 1949
696 FLUSHING AVE	2012, 2007, 1992, 1980, 1949, 1945, 1940, 1928
698 FLUSHING AVE	2012, 2007, 1992
700 FLUSHING AVE	2012, 2007, 2005, 2000, 1997, 1992, 1985, 1976, 1965, 1960, 1949, 1945, 1940, 1934, 1928
702 FLUSHING AVE	2012, 2007, 2000, 1997, 1992, 1985, 1980, 1949, 1928
704 FLUSHING AVE	2012, 2007, 1992, 1985, 1980

APPENDIX E

EDR RADIUS MAP REPORT

5 Whipple
5 Whipple
Brooklyn, NY 11206

Inquiry Number: 3728699.2s
September 16, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5 WHIPPLE
BROOKLYN, NY 11206

COORDINATES

Latitude (North):	40.7004000 - 40° 42' 1.44''
Longitude (West):	73.9461000 - 73° 56' 45.96''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589037.9
UTM Y (Meters):	4505822.0
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2010, 2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LOT 147,TAXBLOCK 2272 5 WHIPPLE STREET BROOKLYN, NY 11206	NY E DESIGNATION	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

NY SHWS ---------- Inactive Hazardous Waste Disposal Sites in New York State
NY VAPOR REOPENED ---------- Vapor Intrusion Legacy Site List

State and tribal leaking storage tank lists

NY HIST LTANKS ---------- Listing of Leaking Storage Tanks
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

NY TANKS ---------- Storage Tank Faciliy Listing
NY CBS UST ---------- Chemical Bulk Storage Database
NY MOSF UST ---------- Major Oil Storage Facilities Database
NY MOSF AST ---------- Major Oil Storage Facilities Database

NY MOSF Major Oil Storage Facility Site Listing
INDIAN UST Underground Storage Tanks on Indian Land
FEMA UST Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

NY ENG CONTROLS Registry of Engineering Controls
NY INST CONTROL Registry of Institutional Controls
NY RES DECL Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
ODI Open Dump Inventory
NY SWRCY Registered Recycling Facility List
NY SWTIRE Registered Waste Tire Storage & Facility List
INDIAN ODI Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL Clandestine Drug Labs
NY DEL SHWS Delisted Registry Sites
US HIST CDL National Clandestine Laboratory Register

Local Land Records

LIENS 2 CERCLA Lien Information
NY LIENS Spill Liens Information

Records of Emergency Release Reports

HMIRS Hazardous Materials Information Reporting System
NY Hist Spills SPILLS Database
NY SPILLS 90 SPILLS 90 data from FirstSearch
NY SPILLS 80 SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS Incident and Accident Data
DOD Department of Defense Sites

FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RMP	Risk Management Plans
NY UIC	Underground Injection Control Wells
NY SPDES	State Pollutant Discharge Elimination System
NY AIRS	Air Emissions Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
NY COAL ASH	Coal Ash Disposal Site Listing
NY Financial Assurance	Financial Assurance Information Listing
LEAD SMELTERS	Lead Smelter Sites
2020 COR ACTION	2020 Corrective Action Program List
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
COAL ASH DOE	Steam-Electric Plant Operation Data

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard

associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 04/26/2013 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BORDEN CHEMICAL ADHESIVES & CH	***56 NOSTRAND AVE***	***WSW 1/4 - 1/2 (0.403 mi.)***	***AK192***	***729***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SLATTERY STOVE SITE	***171-187 WALLABOUT ST***	***W 1/4 - 1/2 (0.374 mi.)***	***188***	***721***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 07/11/2013 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***13 BARTLETT ST***	***W 0 - 1/8 (0.086 mi.)***	***H60***	***206***
TECHTRONICS ECOLOGICAL CORP	***8 WALWORTH ST***	***W 1/4 - 1/2 (0.480 mi.)***	***210***	***784***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE 15641	662 BROADWAY	NNE 1/8 - 1/4 (0.151 mi.)	T120	475
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PFIZER INC	***13 BARTLETT ST***	***W 0 - 1/8 (0.086 mi.)***	***H60***	***206***
ACP BK I LLC - 630 FLUSHING AV	***630 FLUSHING AVE***	***WSW 0 - 1/8 (0.109 mi.)***	***L89***	***317***
BAIS RUCHEL HIGH SCHOOL INC	177 HARRISON AVE	WNW 0 - 1/8 (0.116 mi.)	N110	427

EXECUTIVE SUMMARY

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC DEPT OF EDUCATION - PS 297	700 PARK AVE	SSW 1/8 - 1/4 (0.198 mi.)	Z142	540
NYC DEPT OF EDUCATION - I S 33	***70 TOMPKINS AVE***	***S 1/8 - 1/4 (0.226 mi.)***	***AB156***	***576***
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***
MTA NYCT - DEEP WELL #2713 - G	***MARCY AVE & ELLERY ST***	***SW 1/8 - 1/4 (0.243 mi.)***	***169***	***677***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP WEST COAST PRODUCTS LLC - B	655 FLUSHING AVE	WSW 0 - 1/8 (0.062 mi.)	F39	149
ARLINGTON PRESS-191 HARRISON A	***191 HARRISON AVE***	***WNW 0 - 1/8 (0.102 mi.)***	***N81***	***275***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 8 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	WHIPPLE ST & FLUSHING A	SSW 0 - 1/8 (0.014 mi.)	A5	30
PFIZER INC BROOKLYN PLANT	***73 GERRY ST***	***NW 0 - 1/8 (0.101 mi.)***	***M78***	***264***
CON EDISON	747 PARK AVE	S 1/8 - 1/4 (0.159 mi.)	129	510
CON EDISON	FLUSHING AVE & BROADWAY	E 1/8 - 1/4 (0.220 mi.)	AD151	566
CAS DEVELOPERS LLC	70 UNION AVE	WNW 1/8 - 1/4 (0.240 mi.)	AG164	665
NYC BD OF ED - PUBLIC SCHOOL 2	***60 COOK ST***	***ENE 1/8 - 1/4 (0.248 mi.)***	***AI175***	***688***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MTA NYCT - FLUSHING AVE STATIO	***FLUSHING & UNION AVE***	***WSW 1/8 - 1/4 (0.213 mi.)***	***Y148***	***556***
CON EDISON SERVICE BOX: 7907	55 WALTON ST	WNW 1/8 - 1/4 (0.248 mi.)	AH174	687

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 07/08/2013 has revealed that there are 2 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEDFORD AUTO SALES	984 MYRTLE AVE	SE 1/4 - 1/2 (0.359 mi.)	187	721

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COOPER TANK & WELDING CO.	222-26 SIEGAL AVE	NE 1/4 - 1/2 (0.409 mi.)	AL194	733

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 08/19/2013 has revealed that there are 35 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLOSED-LACKOF RECENT INFO Spill Number/Closed Date: 8707623 / 3/4/2003	113 THROOP AVE	ENE 0 - 1/8 (0.078 mi.)	I53	187
PFIZER INC/GERRY ST Spill Number/Closed Date: 9203348 / 6/22/1992	PFIZER INC/GERRY ST	NW 0 - 1/8 (0.101 mi.)	M77	263
35 GRAHM AVE. Spill Number/Closed Date: 9302281 / 5/19/1993	35 GRAHM AVE	NE 1/8 - 1/4 (0.244 mi.)	AE172	685
24 HUMBOLDT ST Spill Number/Closed Date: 9505310 / 11/2/2005	***24 HUMBOLDT ST***	***ENE 1/4 - 1/2 (0.311 mi.)***	***180***	***702***
CONWAY/EMPTY BUILDING - TTF Spill Number/Closed Date: 1215990 / Not Reported	815 BROADWAY	E 1/4 - 1/2 (0.335 mi.)	183	711
LINDSAY PARK HOUSING CORP Spill Number/Closed Date: 0906148 / 10/27/2010	54 BOERUM ST	N 1/4 - 1/2 (0.357 mi.)	184	713
MARCY HOUSES -NYCHA Spill Number/Closed Date: 0100526 / 12/9/2003	603 PARK AVE	SW 1/4 - 1/2 (0.358 mi.)	AJ185	715
MARCY HOUSES -NYCHA Spill Number/Closed Date: 9315457 / Not Reported Spill Number/Closed Date: 9611167 / 12/11/2007 Spill Number/Closed Date: 9607616 / 12/9/2005 Spill Number/Closed Date: 9614725 / 12/11/2007	603 PARK AVE	SW 1/4 - 1/2 (0.358 mi.)	AJ186	716
SPILL NUMBER 0303435 Spill Number/Closed Date: 0303435 / 7/2/2003	130 MOORE ST	NE 1/4 - 1/2 (0.401 mi.)	190	727
GONZALEZ RESIDENCE Spill Number/Closed Date: 0514546 / 3/21/2006	29 BEAVER ST	E 1/4 - 1/2 (0.409 mi.)	193	732
BORINQUEN PLAZA Spill Number/Closed Date: 9605290 / 11/10/2010	***110 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.410 mi.)***	***195***	***733***
UNTIED STATES MILITARY Spill Number/Closed Date: 8806820 / 10/7/1992	***355 MARCY AVE***	***WNW 1/4 - 1/2 (0.414 mi.)***	***196***	***737***
BORINQUEN PLAZA Spill Number/Closed Date: 9711438 / 7/12/2010 Spill Number/Closed Date: 9100258 / 1/12/1998	155 SIEGEL STREET	NE 1/4 - 1/2 (0.425 mi.)	AL197	745
BORINQUEN PLAZA Spill Number/Closed Date: 9807939 / 10/28/2010	***120 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.427 mi.)***	***AM198***	***748***
148 TOMPKINS AVE Spill Number/Closed Date: 9812767 / 2/7/2006	148 TOMPKINS AVE	S 1/4 - 1/2 (0.427 mi.)	199	751

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGINE CO. 216/LADD. CO. 108 F	***187 UNION AVENUE***	***NNW 1/4 - 1/2 (0.440 mi.)***	***200***	***753***
Spill Number/Closed Date: 8607159 / 1/13/2005				
30 WARSOFF PLACE/BKLYN	30 WARSOFF PLACE	WSW 1/4 - 1/2 (0.441 mi.)	201	756
Spill Number/Closed Date: 8708592 / 9/30/1992				
MANHOLE 71383	***130 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.445 mi.)***	***AM202***	***757***
Spill Number/Closed Date: 9905903 / 1/8/2004				
Spill Number/Closed Date: 9402292 / 1/8/2004				
SUMNER HOUSES	***10 LEWIS AVE***	***ESE 1/4 - 1/2 (0.450 mi.)***	***203***	***762***
Spill Number/Closed Date: 9505222 / Not Reported				
Spill Number/Closed Date: 9505160 / 10/30/2003				
JOHNSON AVE. & BROADWAY	JOHNSON AVE AND BROADWA	NW 1/4 - 1/2 (0.454 mi.)	204	766
Spill Number/Closed Date: 9305896 / 8/13/1993				
BROOKLYN NORTH 03/03A DOS -DDC	***306 RUTLEDGE STREET***	***NW 1/4 - 1/2 (0.460 mi.)***	***206***	***769***
Spill Number/Closed Date: 0001698 / 6/23/2008				
Spill Number/Closed Date: 8809462 / 3/2/2005				
Spill Number/Closed Date: 9601941 / 3/2/2005				
COMMERCIAL BUILDING	544 PARK AVE	WSW 1/4 - 1/2 (0.466 mi.)	208	781
Spill Number/Closed Date: 0613501 / 7/1/2008				
35-A VERNON BLVD.	35-A VERNON BLVD	SSW 1/4 - 1/2 (0.478 mi.)	209	783
Spill Number/Closed Date: 9209065 / 11/6/1992				
BORINQUEN HOUSES	***330 BUSHWICK AVENUE***	***NE 1/4 - 1/2 (0.482 mi.)***	***AN211***	***809***
Spill Number/Closed Date: 9601914 / 12/9/2005				
303 VERNON HOUSES -NYCHA	***303 VERNON AVENUE***	***SE 1/4 - 1/2 (0.483 mi.)***	***212***	***814***
Spill Number/Closed Date: 9011525 / 7/28/1995				
90 PRECINCT NYPD -DDC	***209 UNION AVENUE***	***NNW 1/4 - 1/2 (0.485 mi.)***	***AO213***	***819***
Spill Number/Closed Date: 8606252 / 1/10/2005				
WEST BUSHWICK HOUSING	86-88 BEAVER ST	E 1/4 - 1/2 (0.486 mi.)	214	824
Spill Number/Closed Date: 0008389 / 6/9/2004				
BORINQUEN HOUSES	***300 BUSHWICK AVENUE***	***NE 1/4 - 1/2 (0.493 mi.)***	***AN215***	***825***
Spill Number/Closed Date: 9712046 / 2/6/2004				
Spill Number/Closed Date: 9010701 / 1/13/1998				
Spill Number/Closed Date: 9711478 / 2/2/1998				
209 UNION AVENUE	209 UNION AVE - 90TH PC	NNW 1/4 - 1/2 (0.495 mi.)	AO216	830
Spill Number/Closed Date: 9502048 / 5/18/1995				

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER	***630 FLUSHING AVENUE***	***WSW 1/8 - 1/4 (0.136 mi.)***	***R117***	***444***
Spill Number/Closed Date: 9901811 / 3/31/2006				
255 WALLABOUT ST/PFIZER	255 WALLABOUT STREET	WNW 1/8 - 1/4 (0.184 mi.)	W133	512
Spill Number/Closed Date: 9005003 / 11/14/2006				
UNKNOWN RESIDENCE	***420 MARCY AVE***	***W 1/4 - 1/2 (0.274 mi.)***	***179***	***699***
Spill Number/Closed Date: 0505009 / 11/4/2005				
CONSTRUCTION SITE	5 WALTON AVE	W 1/4 - 1/2 (0.313 mi.)	182	710
Spill Number/Closed Date: 9710662 / 3/7/2003				
NOSTRAND AVE & FLUSHING A	NOSTRAND AVE & FLUSHING	W 1/4 - 1/2 (0.389 mi.)	189	725
Spill Number/Closed Date: 9309562 / 11/8/1993				
CLOSED-LACKOF RECENT INFO	204 WALLABOUT ST	W 1/4 - 1/2 (0.460 mi.)	207	780
Spill Number/Closed Date: 8801005 / 3/5/2003				

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, and dated 08/07/2013 has revealed that there are 13 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
J&M AUTO SERVICE CORP.	30 BARTLETT STREET	NW 0 - 1/8 (0.051 mi.)	D16	72
ALL SAINTS R C CHURCH	***115 THROOP AVE***	***ENE 0 - 1/8 (0.078 mi.)***	***I54***	***188***
THROOP AVENUE / BARTLETT STREE	***THROOP AVENUE / BARTLET***	***NNE 0 - 1/8 (0.089 mi.)***	***J64***	***228***
EMS BATT 57 @ WOODHULL HOSPITA	131 THROOP AVE	E 0 - 1/8 (0.093 mi.)	71	245
PFIZER INC. BROOKLYN PLANT	***80 GERRY STREET***	***NNW 0 - 1/8 (0.103 mi.)***	***O83***	***291***
EMS @ WOODHULL HOSPITAL	720 FLUSHING AVE	E 0 - 1/8 (0.122 mi.)	Q113	434
HOO CORP	94 WALLTON STREET	NW 1/8 - 1/4 (0.203 mi.)	AA144	542
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***
70 UNION AVENUE	70 UNION AVENUE	WNW 1/8 - 1/4 (0.240 mi.)	AG165	667
COOK STREET HOUSING	40 VARET STREET	NE 1/8 - 1/4 (0.241 mi.)	167	673

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP AMOCO SERVICE STATION #3671	655 FLUSHING AVENUE	WSW 0 - 1/8 (0.062 mi.)	F37	128
PFIZER INC	630 FLUSHING AVENUE	WSW 0 - 1/8 (0.109 mi.)	L90	349
SUSION DEVELPORS LLC	***594 BROADWAY***	***NNW 1/8 - 1/4 (0.229 mi.)***	***AF157***	***583***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, and dated 08/07/2013 has revealed that there are 15 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
29-31 BARTLETT STREET	29-31 BARTLETT STREET	WNW 0 - 1/8 (0.061 mi.)	E33	117
ALL SAINTS R C CHURCH	***115 THROOP AVE***	***ENE 0 - 1/8 (0.078 mi.)***	***I54***	***188***
709-715 FLUSHING AVE	709-715 FLUSHING AVE	E 0 - 1/8 (0.093 mi.)	K72	248
PUBLIC SCHOOL 297 - BROOKLYN	700 PARK AVENUE	SSW 1/8 - 1/4 (0.198 mi.)	Z141	538
I.S. 318	***101 WALTON STREET***	***NW 1/8 - 1/4 (0.207 mi.)***	***AA146***	***545***
GRAYCO CORP.	29 COOK STREET	NE 1/8 - 1/4 (0.222 mi.)	AE154	571
I.S. 33	***70 TOMPKINS AVE***	***S 1/8 - 1/4 (0.226 mi.)***	***AB155***	***573***
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***
L.J.S.T. REALTY	45 COOK STREET	NE 1/8 - 1/4 (0.242 mi.)	AE168	675
P S 257	***60 COOK ST***	***ENE 1/8 - 1/4 (0.248 mi.)***	***AI176***	***690***
UNITED STATES POSTAL SERVICE/M	***47 DEBEVOISE STREET***	***ENE 1/8 - 1/4 (0.249 mi.)***	***178***	***695***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER	***630 FLUSHING AVENUE***	***WSW 1/8 - 1/4 (0.136 mi.)***	***R117***	***444***
LOT 38,TAXBLOCK 2250	***307 WALLABOUT STREET***	***NNW 1/8 - 1/4 (0.157 mi.)***	***U125***	***499***
MAGIC AUTO REPAIR SHOP	398 WALLABOUT STREET	NNW 1/8 - 1/4 (0.159 mi.)	U127	506
SOSA DIAGNOSTIC REPAIR INC.	620 BROADWAY	N 1/8 - 1/4 (0.189 mi.)	X135	524

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***630 FLUSHING AVENUE***	***WSW 0 - 1/8 (0.109 mi.)***	***L91***	***364***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 08/07/2013 has revealed that there is 1 NY CBS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***630 FLUSHING AVENUE***	***WSW 0 - 1/8 (0.109 mi.)***	***L91***	***364***

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, and dated 08/19/2013 has revealed that there are 3 NY VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER SITES B AND D	59-71 GERRY ST. AND 73-	WNW 0 - 1/8 (0.116 mi.)	N108	418
PFIZER	***630 FLUSHING AVENUE***	***WSW 1/8 - 1/4 (0.136 mi.)***	***R117***	***444***
PFIZER (ORGANICS/SUCIAC BLOCK)	CENTRAL PORTION OF PFIZ	WSW 1/8 - 1/4 (0.138 mi.)	R118	474

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/19/2013 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER CHARLES PFIZER & CO SIT	407 MARCY AVENUE	WNW 1/4 - 1/2 (0.313 mi.)	181	709

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

NY HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 5 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THROOP AVENUE / BARTLETT STREE	***THROOP AVENUE / BARTLET***	***NNE 0 - 1/8 (0.089 mi.)***	***J64***	***228***
PFIZER INC. BROOKLYN PLANT	***80 GERRY STREET***	***NNW 0 - 1/8 (0.103 mi.)***	***O83***	***291***
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PFIZER	***630 FLUSHING AVENUE***	***WSW 1/8 - 1/4 (0.136 mi.)***	***R117***	***444***
SUSION DEVELPORS LLC	***594 BROADWAY***	***NNW 1/8 - 1/4 (0.229 mi.)***	***AF157***	***583***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 08/19/2013 has revealed that there are 23 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
29 BARTLETT STREET Spill Number/Closed Date: 9506117 / 8/24/1995	29 BARTLETT STREET	WNW 0 - 1/8 (0.061 mi.)	E34	120
DEPT. OF HOUSING Spill Number/Closed Date: 0411736 / 6/26/2008	37 TO 39 BARTLETT STREE	NW 0 - 1/8 (0.067 mi.)	D43	157
ROADWAY Spill Number/Closed Date: 0713265 / 3/17/2008	THROUGHP AVE/WHIPPLE	NE 0 - 1/8 (0.074 mi.)	I50	182
MANHOLE 7898 Spill Number/Closed Date: 0001002 / 12/28/2001	THORNTON & THROOP AVE	E 0 - 1/8 (0.089 mi.)	K62	227
BROADWAY TRIANGLE Spill Number/Closed Date: 9212706 / 6/28/1999	THROOP AVE / BARTLETT S	NNE 0 - 1/8 (0.089 mi.)	J65	235
DRUM RUN Spill Number/Closed Date: 1000520 / 5/5/2010	CORNER THROOP AVE AND B	NNE 0 - 1/8 (0.089 mi.)	J66	236
MANHOLE #1000 Spill Number/Closed Date: 0402435 / 9/15/2004	THRO0P AVE & FLUSHING A	E 0 - 1/8 (0.090 mi.)	K67	237
73-87 GERRY ST Spill Number/Closed Date: 9704207 / 11/14/2006 Spill Number/Closed Date: 9516449 / 2/2/2000	73-87 GERRY STREET	NW 0 - 1/8 (0.101 mi.)	M75	256
ON GROUND Spill Number/Closed Date: 0411773 / 6/26/2008	90-92 GERRY STREET	NNW 0 - 1/8 (0.111 mi.)	P99	398

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STREET SPILL	720 FLUSHING AVE	E 0 - 1/8 (0.122 mi.)	Q114	436
Spill Number/Closed Date: 0505995 / 8/16/2005				
Spill Number/Closed Date: 9701374 / 5/1/1997				
Spill Number/Closed Date: 9611852 / 12/31/1996				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE #42919	THOMPKINS & FLUSHING AV	WSW 0 - 1/8 (0.057 mi.)	F29	110
Spill Number/Closed Date: 0304585 / 10/13/2004				
CONED MANHOLE #7420	FLUSHING/THOMPKINS	WSW 0 - 1/8 (0.057 mi.)	F30	111
Spill Number/Closed Date: 0401891 / 9/9/2004				
VAULT 1336 & 1473	FLUSHING AVE & TOMPKINS	WSW 0 - 1/8 (0.062 mi.)	F36	127
Spill Number/Closed Date: 0211143 / 9/29/2003				
AMOCO	655 FLUSHING AVE	WSW 0 - 1/8 (0.062 mi.)	F38	140
Spill Number/Closed Date: 0104597 / Not Reported				
Spill Number/Closed Date: 0402082 / 5/26/2004				
Spill Number/Closed Date: 8401982 / 2/27/2003				
TRANSFORMER VAULT 1473	2 TOMPKINS AVE AT FLUSH	WSW 0 - 1/8 (0.062 mi.)	F41	151
Spill Number/Closed Date: 0607919 / 2/16/2007				
BARTLETT ST & HARRISON	BARTLETT STREET/HARRISO	W 0 - 1/8 (0.073 mi.)	H48	179
Spill Number/Closed Date: 0330009 / 5/16/2003				
MANHOLE #73645	HARRISON AVE NEAR BARTL	W 0 - 1/8 (0.073 mi.)	H49	181
Spill Number/Closed Date: 0504634 / 9/23/2005				
MANHOLE #997	FLUSHING AVE & DELMONAC	WSW 0 - 1/8 (0.085 mi.)	L58	202
Spill Number/Closed Date: 9903465 / 10/20/1999				
11 BARTLETT STREET	11 BARTLETT STREET	W 0 - 1/8 (0.090 mi.)	H69	241
Spill Number/Closed Date: 9505760 / 8/10/1995				
VS 2097	FLUSHING AVE/BARTLETT S	WSW 0 - 1/8 (0.101 mi.)	L74	255
Spill Number/Closed Date: 0501710 / 8/11/2005				
MANHOLE 504	NW FLUSHING AVE/ BARTLE	WSW 0 - 1/8 (0.111 mi.)	96	393
Spill Number/Closed Date: 0502983 / 8/22/2005				
MANHOLE 1144	GERRY ST/HARRISON AV	WNW 0 - 1/8 (0.114 mi.)	N104	409
Spill Number/Closed Date: 0300137 / 7/18/2003				
DRUM RUN	GERRY ST & HARRISON AVE	WNW 0 - 1/8 (0.114 mi.)	N105	411
Spill Number/Closed Date: 0900534 / 4/20/2009				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/11/2013 has revealed that

there are 13 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - VS 2314	***93 HOPKINS ST***	***SW 1/8 - 1/4 (0.127 mi.)***	***116***	***442***
INTERMEDIATE SCHOOL 318	***101 WALTON ST***	***NW 1/8 - 1/4 (0.207 mi.)***	***AA147***	***549***
MTA NYCT - FLUSHING AVE STATIO	***FLUSHING AVE & BROADWAY***	***E 1/8 - 1/4 (0.220 mi.)***	***AD152***	***567***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACE RAPID CLEANERS	***209 HARRISON AVE***	***W 0 - 1/8 (0.071 mi.)***	***H46***	***161***
CON ED - MH 485	***GERRY ST & HARRISON AVE***	***WNW 0 - 1/8 (0.114 mi.)***	***N102***	***407***
V4821	***48 GERRY STREET***	***WNW 0 - 1/8 (0.115 mi.)***	***N107***	***416***
THROOP WALLABOUT REALTY LLC TH	72 THROOP AVE	NNW 1/8 - 1/4 (0.156 mi.)	S123	478
VARTEX INSTRUMENT CORP	***311 WALLABOUT ST***	***NNW 1/8 - 1/4 (0.159 mi.)***	***U128***	***508***
PFIZER INC BROOKLYN PLANT	***338 WALLABOUT ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***W134***	***513***
V1821	***2 GERRY STREET***	***WSW 1/8 - 1/4 (0.192 mi.)***	***Y138***	***528***
V2107	***2-48 GERRY***	***WSW 1/8 - 1/4 (0.192 mi.)***	***Y139***	***534***
TM2554	***322 WALLABOUT STREET***	***W 1/8 - 1/4 (0.215 mi.)***	***AC149***	***563***
RICHARDS AUTO REPAIR SHOP	***594 BROADWAY***	***NNW 1/8 - 1/4 (0.229 mi.)***	***AF159***	***596***

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, and dated 02/05/2013 has revealed that there is 1 US MINES site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***13 BARTLETT ST***	***W 0 - 1/8 (0.086 mi.)***	***H60***	***206***

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 2 NY HSWDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BORDEN CHEMICAL	56 NOSTRAND AVE.	WSW 1/4 - 1/2 (0.403 mi.)	AK191	728
FORMER JAYER PLATING	2 INGRAHAM STREET	NNE 1/4 - 1/2 (0.458 mi.)	205	767

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there are 29 NY MANIFEST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	OPP 49 BARTLETT ST	NNW 0 - 1/8 (0.054 mi.)	D25	100
PFIZER INC BROOKLYN PLANT	***73 GERRY ST***	***NW 0 - 1/8 (0.101 mi.)***	***M78***	***264***
CON EDISON - VS 2314	***93 HOPKINS ST***	***SW 1/8 - 1/4 (0.127 mi.)***	***116***	***442***
CONSOLIDATED EDISON MH15861	662 BROADWAY	NNE 1/8 - 1/4 (0.151 mi.)	T121	476
NYC DEPT OF EDUCATION - PS 297	700 PARK AVE	SSW 1/8 - 1/4 (0.198 mi.)	Z140	536
INTERMEDIATE SCHOOL 318	***101 WALTON ST***	***NW 1/8 - 1/4 (0.207 mi.)***	***AA147***	***549***
CONSOLIDATED EDISON	BROADWAY & FLUSHING AVE	E 1/8 - 1/4 (0.220 mi.)	AD150	564
MTA NYCT - FLUSHING AVE STATIO	***FLUSHING AVE & BROADWAY***	***E 1/8 - 1/4 (0.220 mi.)***	***AD152***	***567***
NYC DEPT OF EDUCATION - I S 33	***70 TOMPKINS AVE***	***S 1/8 - 1/4 (0.226 mi.)***	***AB156***	***576***
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***
HYDRO TECH	70 UNION AVENUE	WNW 1/8 - 1/4 (0.239 mi.)	163	665
MTA NYCT - DEEP WELL #2713 - G	***MARCY AVE & ELLERY ST***	***SW 1/8 - 1/4 (0.243 mi.)***	***169***	***677***
P S 257	***60 COOK ST***	***ENE 1/8 - 1/4 (0.248 mi.)***	***AI176***	***690***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACE RAPID CLEANERS	***209 HARRISON AVE***	***W 0 - 1/8 (0.071 mi.)***	***H46***	***161***
PFIZER INC	***13 BARTLETT ST***	***W 0 - 1/8 (0.086 mi.)***	***H60***	***206***
ARLINGTON PRESS-191 HARRISON A	***191 HARRISON AVE***	***WNW 0 - 1/8 (0.102 mi.)***	***N81***	***275***
PFIZER INC	***630 FLUSHING AVENUE***	***WSW 0 - 1/8 (0.109 mi.)***	***L91***	***364***
CON ED - MH 485	***GERRY ST & HARRISON AVE***	***WNW 0 - 1/8 (0.114 mi.)***	***N102***	***407***
CON EDISON	HARRISON AVE & GERRY ST	WNW 0 - 1/8 (0.114 mi.)	N103	408
V4821	***48 GERRY STREET***	***WNW 0 - 1/8 (0.115 mi.)***	***N107***	***416***
BAIS RUCHEL HIGH SCHOOL INC	177 HARRISON AVENUE	WNW 0 - 1/8 (0.116 mi.)	N111	429
THROOP WALLABOUT REALTY LLC TH	***72 THROOP AVENUE***	***NNW 1/8 - 1/4 (0.156 mi.)***	***S124***	***480***
VARTEX INSTRUMENT CORP	***311 WALLABOUT ST***	***NNW 1/8 - 1/4 (0.159 mi.)***	***U128***	***508***
PFIZER INC BROOKLYN PLANT	***338 WALLABOUT ST***	***WNW 1/8 - 1/4 (0.185 mi.)***	***W134***	***513***
CONSOLIDATED EDISON	MH611-104 FLUSHING AVE	WSW 1/8 - 1/4 (0.191 mi.)	Y137	527
V1821	***2 GERRY STREET***	***WSW 1/8 - 1/4 (0.192 mi.)***	***Y138***	***528***
V2107	***2-48 GERRY***	***WSW 1/8 - 1/4 (0.192 mi.)***	***Y139***	***534***
TM2554	***322 WALLABOUT STREET***	***W 1/8 - 1/4 (0.215 mi.)***	***AC149***	***563***
CON EDISON	55 WALTON ST	WNW 1/8 - 1/4 (0.248 mi.)	AH173	686

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WOODHULL MEDICAL CENTER	760 BROADWAY	E 1/8 - 1/4 (0.235 mi.)	AD161	659

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there are 4 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC-HH - WOODHULL HOSPITAL	***760 BROADWAY***	***E 1/8 - 1/4 (0.235 mi.)***	***AD160***	***598***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	11 BARTLETT STREET	W 0 - 1/8 (0.090 mi.)	H68	238

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
ACP BK I LLC - 630 FLUSHING AV	***630 FLUSHING AVE***	***WSW 0 - 1/8 (0.109 mi.)***	***L89***	***317***
MTA NYCT - FLUSHING AVE STATIO	***FLUSHING & UNION AVE***	***WSW 1/8 - 1/4 (0.213 mi.)***	***Y148***	***556***

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 07/18/2013 has revealed that there is 1 NY DRYCLEANERS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HARRISON/YORKTOWN/ACE RAPID DR	209 HARRISON AVENUE #A	W 0 - 1/8 (0.071 mi.)	H44	160

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 06/17/2013 has revealed that there are 52 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 46,TAXBLOCK 2272	9 WHIPPLE STREET	NE 0 - 1/8 (0.006 mi.)	A2	14
LOT 45,TAXBLOCK 2272	11 WHIPPLE STREET	NE 0 - 1/8 (0.010 mi.)	A3	20
LOT 1,TAXBLOCK 2274	2 WHIPPLE STREET	SSW 0 - 1/8 (0.011 mi.)	A4	26
LOT 5,TAXBLOCK 2274	16 WHIPPLE STREET	NE 0 - 1/8 (0.025 mi.)	A6	31
LOT 51,TAXBLOCK 2272	665 FLUSHING AVENUE	WSW 0 - 1/8 (0.028 mi.)	B7	36
LOT 52,TAXBLOCK 2272	665 FLUSHING AVENUE	WSW 0 - 1/8 (0.028 mi.)	B8	41
LOT 6,TAXBLOCK 2274	WHIPPLE STREET	E 0 - 1/8 (0.033 mi.)	C9	45
LOT 24,TAXBLOCK 2274	691 FLUSHING AVENUE	E 0 - 1/8 (0.046 mi.)	C12	59
LOT 11,TAXBLOCK 2272	36 BARTLETT STREET	NW 0 - 1/8 (0.049 mi.)	D13	64
LOT 9,TAXBLOCK 2272	30 BARTLETT STREET	NW 0 - 1/8 (0.051 mi.)	D15	67
LOT 45,TAXBLOCK 2269	43 BARTLETT STREET	NW 0 - 1/8 (0.051 mi.)	D17	74
LOT 47,TAXBLOCK 2269	41 BARTLETT STREET	NW 0 - 1/8 (0.051 mi.)	D18	77
LOT 48,TAXBLOCK 2269	39 BARTLETT STREET	NW 0 - 1/8 (0.052 mi.)	D20	81
LOT 43,TAXBLOCK 2269	47 BARTLETT STREET	NNW 0 - 1/8 (0.053 mi.)	D22	89
LOT 49,TAXBLOCK 2269	37 BARTLETT STREET	NW 0 - 1/8 (0.053 mi.)	D23	94
LOT 50,TAXBLOCK 2269	35 BARTLETT STREET	WNW 0 - 1/8 (0.054 mi.)	D24	97
LOT 6,TAXBLOCK 2272	24 BARTLETT STREET	WNW 0 - 1/8 (0.055 mi.)	E26	100
LOT 42,TAXBLOCK 2269	51 BARTLETT STREET	NNW 0 - 1/8 (0.056 mi.)	D28	106
LOT 41,TAXBLOCK 2269	53 BARTLETT STREET	NNW 0 - 1/8 (0.059 mi.)	G31	113
LOT 52,TAXBLOCK 2269	31 BARTLETT STREET	WNW 0 - 1/8 (0.059 mi.)	E32	116
LOT 40,TAXBLOCK 2269	55 BARTLETT STREET	N 0 - 1/8 (0.061 mi.)	G35	121
LOT 39,TAXBLOCK 2269	57 BARTLETT STREET	N 0 - 1/8 (0.064 mi.)	G42	153
LOT 36,TAXBLOCK 2269	63 BARTLETT STREET	N 0 - 1/8 (0.074 mi.)	J51	183
LOT 35,TAXBLOCK 2269	65 BARTLETT STREET	N 0 - 1/8 (0.078 mi.)	J55	193
LOT 16,TAXBLOCK 2274	134 THROOP AVENUE	ENE 0 - 1/8 (0.080 mi.)	K57	197
LOT 14,TAXBLOCK 2269	GERRY STREET	NW 0 - 1/8 (0.086 mi.)	M59	203
LOT 33,TAXBLOCK 2269	69 BARTLETT STREET	NNE 0 - 1/8 (0.087 mi.)	J61	224
LOT 16,TAXBLOCK 2269	GERRY STREET	NW 0 - 1/8 (0.090 mi.)	M70	242
LOT 31,TAXBLOCK 2269	THROOP AVENUE	N 0 - 1/8 (0.094 mi.)	J73	252
LOT 46,TAXBLOCK 2266	75 GERRY STREET	NW 0 - 1/8 (0.101 mi.)	M76	258
LOT 17,TAXBLOCK 2269	74 GERRY STREET	NW 0 - 1/8 (0.101 mi.)	M79	269
LOT 18,TAXBLOCK 2269	76 GERRY STREET	NNW 0 - 1/8 (0.101 mi.)	M80	272
LOT 19,TAXBLOCK 2269	78 GERRY STREET	NNW 0 - 1/8 (0.102 mi.)	O82	287
LOT 40,TAXBLOCK 2266	91 GERRY STREET	NNW 0 - 1/8 (0.106 mi.)	O85	301

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 23,TAXBLOCK 2269	86 GERRY STREET	NNW 0 - 1/8 (0.107 mi.)	O86	306
LOT 39,TAXBLOCK 2266	93 GERRY STREET	NNW 0 - 1/8 (0.107 mi.)	O87	309
LOT 28,TAXBLOCK 2269	THROOP AVENUE	N 0 - 1/8 (0.108 mi.)	P88	313
LOT 24,TAXBLOCK 2269	88 GERRY STREET	NNW 0 - 1/8 (0.109 mi.)	O92	382
LOT 30,TAXBLOCK 2269	90 THROOP AVENUE	N 0 - 1/8 (0.110 mi.)	P93	386
LOT 38,TAXBLOCK 2266	95 GERRY STREET	NNW 0 - 1/8 (0.110 mi.)	O94	389
LOT 37,TAXBLOCK 2266	97 GERRY STREET	NNW 0 - 1/8 (0.111 mi.)	O97	394
LOT 25,TAXBLOCK 2269	90 GERRY STREET	NNW 0 - 1/8 (0.111 mi.)	P100	399
LOT 36,TAXBLOCK 2266	99 GERRY STREET	NNW 0 - 1/8 (0.113 mi.)	P101	404
LOT 29,TAXBLOCK 2269	88 THROOP AVENUE	N 0 - 1/8 (0.115 mi.)	P106	412
LOT 41,TAXBLOCK 2266	GERRY STREET	NNW 0 - 1/8 (0.120 mi.)	O112	429

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 53,TAXBLOCK 2272	663 FLUSHING AVENUE	WSW 0 - 1/8 (0.036 mi.)	B10	50
LOT 54,TAXBLOCK 2272	661 FLUSHING AVENUE	WSW 0 - 1/8 (0.044 mi.)	B11	54
LOT 55,TAXBLOCK 2272	659 FLUSHING AVENUE	WSW 0 - 1/8 (0.052 mi.)	B21	85
LOT 3,TAXBLOCK 2272	207 HARRISON AVENUE	W 0 - 1/8 (0.071 mi.)	H47	175
LOT 1,TAXBLOCK 2269	58 GERRY STREET	WNW 0 - 1/8 (0.105 mi.)	84	297
LOT 9,TAXBLOCK 2266	366 WALLABOUT STREET	WNW 0 - 1/8 (0.116 mi.)	N109	421
LOT 27,TAXBLOCK 2269	84 THROOP AVENUE	N 0 - 1/8 (0.124 mi.)	P115	439

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 5 EDR MGP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NASSAU GAS	SKILLMAN AVE	WSW 1/2 - 1 (0.630 mi.)	217	832
SKILLMAN STATION	SKILLMAN ST. FLUSHING A	W 1/2 - 1 (0.633 mi.)	218	832
RUTLEDGE STATION	RUTLEDGE ST. WYTHE AND	W 1/2 - 1 (0.779 mi.)	219	832
SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS	NE 1/2 - 1 (0.870 mi.)	220	832
KEAP ST. STATION	KEAP ST. WYTHE AVE. HOO	W 1/2 - 1 (0.884 mi.)	221	832

EXECUTIVE SUMMARY

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 22 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	30 BARTLETT ST	NW 0 - 1/8 (0.051 mi.)	D14	67
Not reported	28 BARTLETT ST	WNW 0 - 1/8 (0.052 mi.)	D19	80
Not reported	24 BARTLETT ST	WNW 0 - 1/8 (0.055 mi.)	E27	105
Not reported	128 THROOP AVE	ENE 0 - 1/8 (0.076 mi.)	I52	186
Not reported	134 THROOP AVE	ENE 0 - 1/8 (0.080 mi.)	K56	197
Not reported	89 THROOP AVE	NNE 0 - 1/8 (0.089 mi.)	J63	228
Not reported	76 BARTLETT ST	NNE 0 - 1/8 (0.110 mi.)	95	392
Not reported	97 GERRY ST	NNW 0 - 1/8 (0.111 mi.)	O98	397
Not reported	12 COOK ST	NE 1/8 - 1/4 (0.183 mi.)	132	512
Not reported	57 UNION AVE	WNW 1/8 - 1/4 (0.237 mi.)	AG162	664
Not reported	63 UNION	WNW 1/8 - 1/4 (0.240 mi.)	AG166	672
Not reported	65 UNION AVE	WNW 1/8 - 1/4 (0.243 mi.)	AG170	684

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	655 FLUSHING AVE	WSW 0 - 1/8 (0.062 mi.)	F40	151
Not reported	57 THROOP AVE	N 1/8 - 1/4 (0.150 mi.)	S119	475
Not reported	55 THROOP AVE	NNW 1/8 - 1/4 (0.155 mi.)	S122	478
Not reported	398 WALLABOUT ST	NNW 1/8 - 1/4 (0.159 mi.)	U126	505
Not reported	420 WALLABOUT ST	N 1/8 - 1/4 (0.176 mi.)	V130	511
Not reported	45 THROOP AVE	NNW 1/8 - 1/4 (0.178 mi.)	V131	511
Not reported	620 BROADWAY	N 1/8 - 1/4 (0.189 mi.)	X136	526
Not reported	36 UNION AVE	W 1/8 - 1/4 (0.221 mi.)	AC153	571
Not reported	594 BROADWAY	NNW 1/8 - 1/4 (0.229 mi.)	AF158	596
Not reported	21 THROOP AVE	NNW 1/8 - 1/4 (0.244 mi.)	171	684

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	21 MANHATTAN AVE	NNE 1/8 - 1/4 (0.200 mi.)	143	541
Not reported	62 TOMPKINS AVE	S 1/8 - 1/4 (0.204 mi.)	AB145	544

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	209 HARRISON AVE	W 0 - 1/8 (0.071 mi.)	H45	160

EXECUTIVE SUMMARY

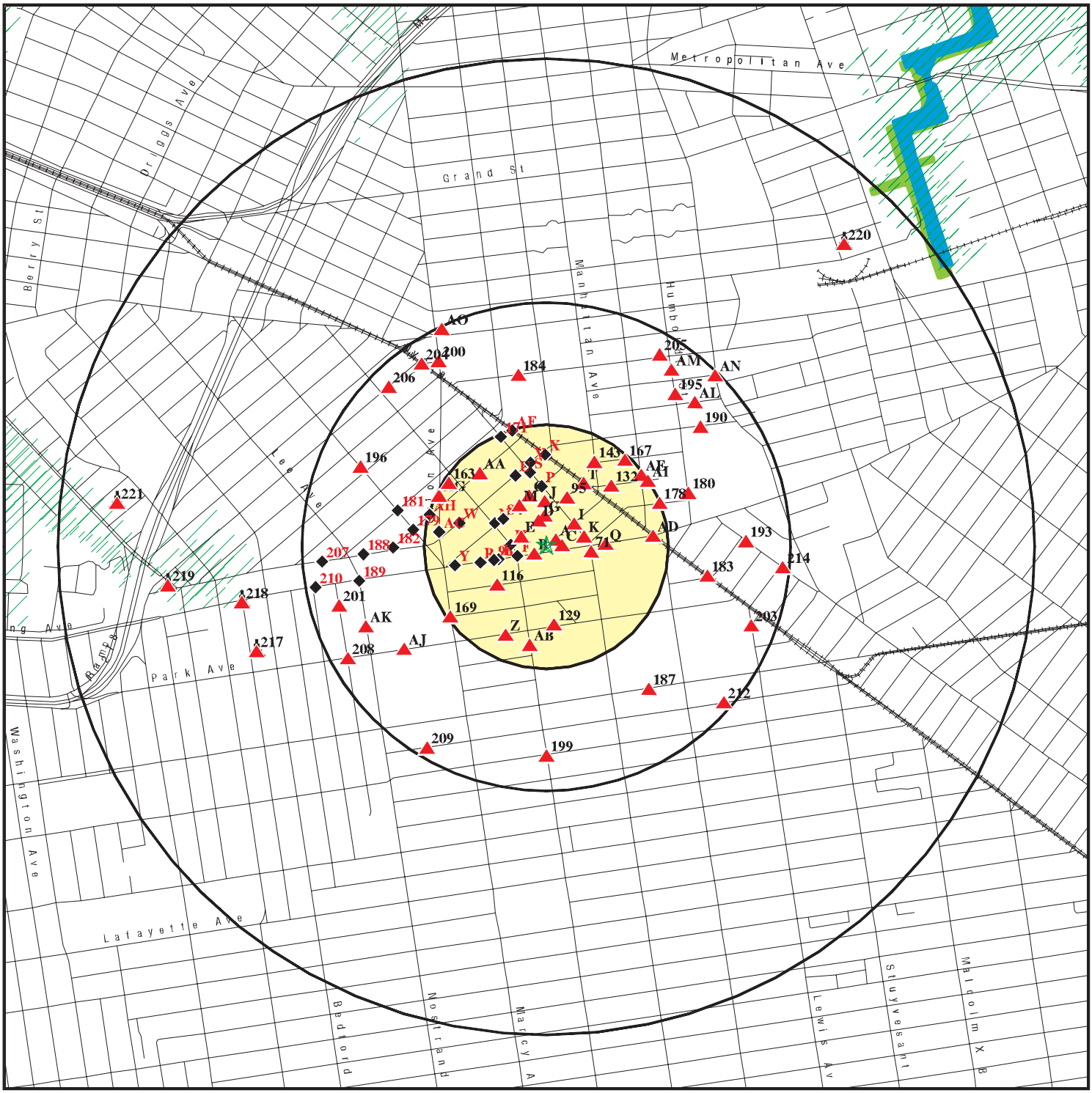
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	584 BROADWAY	NNW 1/8 - 1/4 (0.248 mi.)	AF177	695

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	RCRA-NLR,MANIFEST
CONSOLIDATED EDISON	MANIFEST
BETW/AVE X &	SPILLS
ROADWAY	SPILLS
KINGS HIGHWAY MOBIL	SPILLS
205842; KINGS HWY	SPILLS

OVERVIEW MAP - 3728699.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 5 Whipple ADDRESS: 5 Whipple Brooklyn NY 11206 LAT/LONG: 40.7004 / 73.9461	CLIENT: Env. Business Consultants CONTACT: Chawinie Miller INQUIRY #: 3728699.2s DATE: September 16, 2013 2:36 pm

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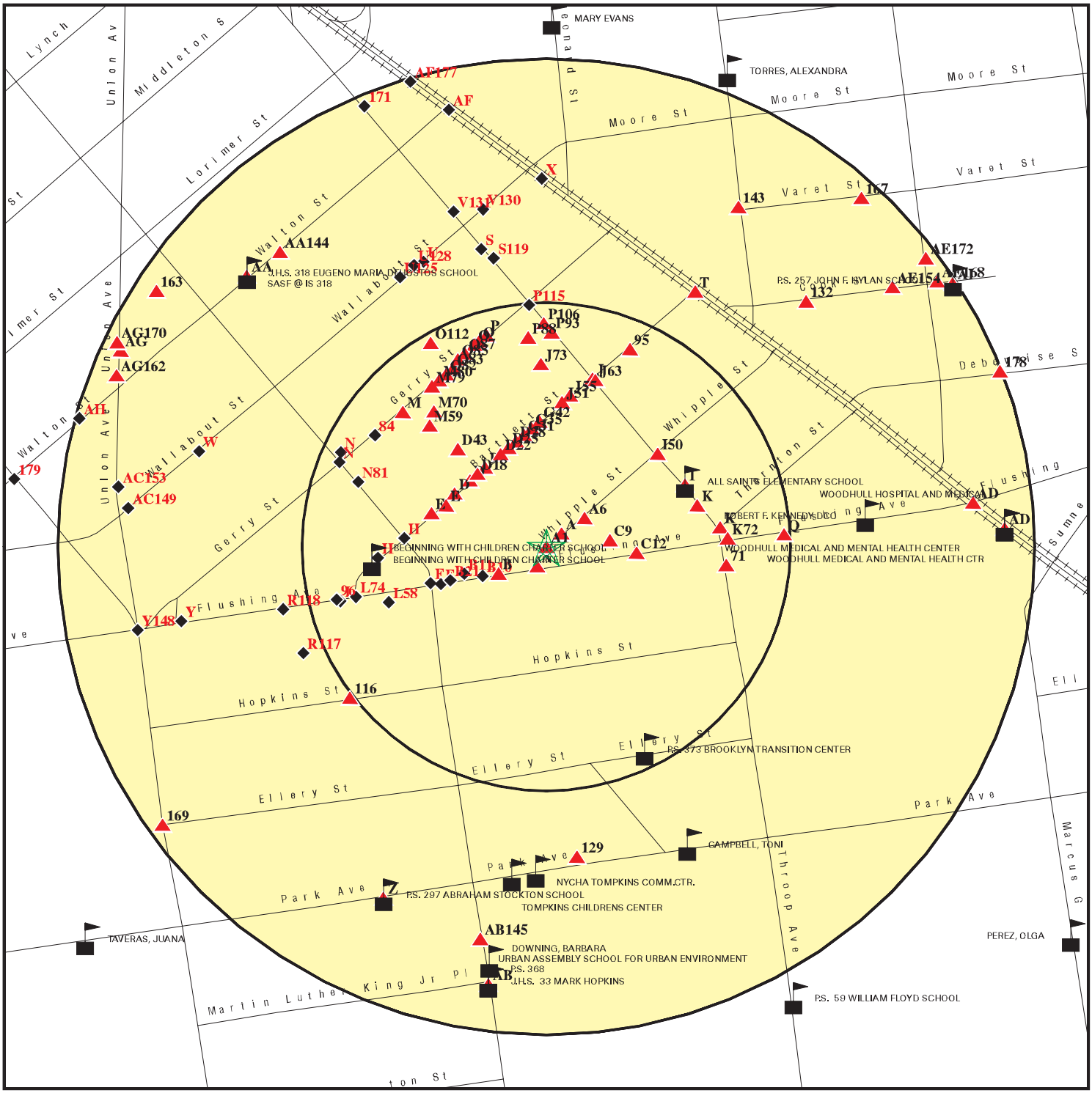
DETAIL MAP - 3728699.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 5 Whipple	CLIENT: Env. Business Consultants
ADDRESS: 5 Whipple Brooklyn NY 11206	CONTACT: Chawinie Miller
LAT/LONG: 40.7004 / 73.9461	INQUIRY #: 3728699.2s DATE: September 16, 2013 2:41 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		1	0	1	0	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		3	1	NR	NR	NR	4
RCRA-SQG	0.250		2	4	NR	NR	NR	6
RCRA-CESQG	0.250		2	6	NR	NR	NR	8
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	0	0	0	NR	0
NY VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
NY LTANKS	0.500		2	3	30	NR	NR	35
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
NY TANKS	0.250		0	0	NR	NR	NR	0
NY UST	0.250		8	5	NR	NR	NR	13
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY AST	0.250		3	12	NR	NR	NR	15
NY CBS AST	0.250		1	0	NR	NR	NR	1
NY MOSF AST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
NY RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
NY VCP	0.500		1	2	0	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY ERP	0.500		0	0	0	NR	NR	0
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		2	3	NR	NR	NR	5
NY HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
NY LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		23	NR	NR	NR	NR	23
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	10	NR	NR	NR	13
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		1	0	NR	NR	NR	1
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	2	NR	NR	2
NY UIC	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250		10	19	NR	NR	NR	29
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		2	2	NR	NR	NR	4
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY E DESIGNATION	0.125	1	52	NR	NR	NR	NR	53
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	5	NR	5
EDR US Hist Auto Stat	0.250		9	13	NR	NR	NR	22
EDR US Hist Cleaners	0.250		1	3	NR	NR	NR	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LOT 147,TAXBLOCK 2272** **NY E DESIGNATION** **S110242350**
Target **5 WHIPPLE STREET** **N/A**
Property **BROOKLYN, NY 11206**

Site 1 of 6 in cluster A

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	147
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720147
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	Not reported
Y Coordinate:	Not reported
Zoning Map:	Not reported
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	147
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720147
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	Not reported
Y Coordinate:	Not reported
Zoning Map:	Not reported
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	147
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720147
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	Not reported
Y Coordinate:	Not reported
Zoning Map:	Not reported
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	147
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720147
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	Not reported
Y Coordinate:	Not reported
Zoning Map:	Not reported
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005

LOT 147,TAXBLOCK 2272 (Continued) **S110242350**

Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

A2
NE
< 1/8
0.006 mi.
31 ft.

LOT 46,TAXBLOCK 2272 **NY E DESIGNATION** **S110242424**
9 WHIPPLE STREET **N/A**
BROOKLYN, NY 11206

Site 2 of 6 in cluster A

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999131
Y Coordinate:	0194476
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999131
Y Coordinate:	0194476
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999131
Y Coordinate:	0194476
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000027000
Total Assessed Value:	00000027000
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999131
Y Coordinate:	0194476
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005

LOT 46,TAXBLOCK 2272 (Continued) **S110242424**

Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A3 **LOT 45,TAXBLOCK 2272** **NY E DESIGNATION** **S110242420**
NE **11 WHIPPLE STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.010 mi.
55 ft. **Site 3 of 6 in cluster A**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000019350
Total Assessed Value:	00000019350
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999143
Y Coordinate:	0194520
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000019350
Total Assessed Value:	00000019350
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999143
Y Coordinate:	0194520
Zoning Map:	13B
Sanborn Map:	303 036

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000019350
Total Assessed Value:	00000019350
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999143
Y Coordinate:	0194520
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	11 WHIPPLE REALTY COR
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000019350
Total Assessed Value:	00000019350
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999143
Y Coordinate:	0194520
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803

LOT 45,TAXBLOCK 2272 (Continued) **S110242420**

E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A4 **LOT 1,TAXBLOCK 2274** **NY E DESIGNATION** **S110242339**
SSW **2 WHIPPLE STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.011 mi.
58 ft. **Site 4 of 6 in cluster A**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #4 Fuel Oil for space heating and hot water systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ARISTIDES THEOHARAKIS
Lot Area:	000004167
Total Building Floor Area:	00000005900
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000

LOT 1,TAXBLOCK 2274 (Continued) **S110242339**

Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0136.75
Lot Depth:	0072.00
Building Frontage:	0105.00
Building Depth:	0072.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000023670
Total Assessed Value:	00000058500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740001
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999289
Y Coordinate:	0194467
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004

LOT 1,TAXBLOCK 2274 (Continued) **S110242339**

School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ARISTIDES THEOHARAKIS
Lot Area:	000004167
Total Building Floor Area:	00000005900
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0136.75
Lot Depth:	0072.00
Building Frontage:	0105.00
Building Depth:	0072.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000023670
Total Assessed Value:	00000058500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740001
Condominium Number:	00000
Census Tract 2:	0507

LOT 1,TAXBLOCK 2274 (Continued) **S110242339**

X Coordinate:	0999289
Y Coordinate:	0194467
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ARISTIDES THEOHARAKIS
Lot Area:	000004167
Total Building Floor Area:	00000005900
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7

LOT 1,TAXBLOCK 2274 (Continued) **S110242339**

Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0136.75
Lot Depth:	0072.00
Building Frontage:	0105.00
Building Depth:	0072.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000023670
Total Assessed Value:	00000058500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740001
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999289
Y Coordinate:	0194467
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A5 **CON EDISON** **RCRA-CESQG** **1014396428**
SSW **WHIPPLE ST & FLUSHING AVE** **NYP004186920**
< 1/8 **BROOKLYN, NY 11206**
0.014 mi.
72 ft. **Site 5 of 6 in cluster A**

Relative:
Higher

Actual:
14 ft.

RCRA-CESQG:

Date form received by agency:	07/27/2009
Facility name:	CON EDISON
Facility address:	WHIPPLE ST & FLUSHING AVE BROOKLYN, NY 11206
EPA ID:	NYP004186920
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003

CON EDISON (Continued) **1014396428**

Contact:	CAROLINE ISKANDER
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	(718) 666-4714
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

A6 **LOT 5,TAXBLOCK 2274** **NY E DESIGNATION** **S110242434**
NE **16 WHIPPLE STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.025 mi.
130 ft. **Site 6 of 6 in cluster A**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	5
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #4 Fuel Oil for space heating and hot water systems
Borough Code:	BK

LOT 5,TAXBLOCK 2274 (Continued) **S110242434**

Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	683 FLUSHING ASSOCIAT
Lot Area:	000002125
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0085.33
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3

LOT 5,TAXBLOCK 2274 (Continued) **S110242434**

Borough Tax Block And Lot:	3022740005
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999342
Y Coordinate:	0194490
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	5
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	683 FLUSHING ASSOCIAT
Lot Area:	000002125
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000

LOT 5,TAXBLOCK 2274 (Continued) **S110242434**

Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0085.33
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740005
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999342
Y Coordinate:	0194490
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	5
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301

LOT 5,TAXBLOCK 2274 (Continued) **S110242434**

Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	683 FLUSHING ASSOCIAT
Lot Area:	000002125
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0085.33
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740005

LOT 5,TAXBLOCK 2274 (Continued) **S110242434**

Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999342
Y Coordinate:	0194490
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B7 **LOT 51,TAXBLOCK 2272** **NY E DESIGNATION** **S110242436**
WSW **665 FLUSHING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.028 mi.
147 ft. **Site 1 of 5 in cluster B**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	51
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001860
Total Building Floor Area:	00000000000

LOT 51,TAXBLOCK 2272 (Continued) **S110242436**

Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0086.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013500
Total Assessed Value:	00000013500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720051
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194438
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	51
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 51,TAXBLOCK 2272 (Continued) **S110242436**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001860
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0086.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013500
Total Assessed Value:	00000013500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 51,TAXBLOCK 2272 (Continued) **S110242436**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720051
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194438
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	51
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001860
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000

LOT 51,TAXBLOCK 2272 (Continued) **S110242436**

Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0086.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013500
Total Assessed Value:	00000013500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720051
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194438
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B8
WSW
< 1/8
0.028 mi.
147 ft.

LOT 52,TAXBLOCK 2272
665 FLUSHING AVENUE
BROOKLYN, NY 11206

Site 2 of 5 in cluster B

NY E DESIGNATION **S110242438**
N/A

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	52
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 52,TAXBLOCK 2272 (Continued) **S110242438**

Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720052
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999028
Y Coordinate:	0194412
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	52
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 52,TAXBLOCK 2272 (Continued) **S110242438**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720052
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999028
Y Coordinate:	0194412
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 52,TAXBLOCK 2272 (Continued) **S110242438**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	52
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 52,TAXBLOCK 2272 (Continued) **S110242438**

Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720052
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999028
Y Coordinate:	0194412
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

C9 **LOT 6,TAXBLOCK 2274** **NY E DESIGNATION** **S110242446**
East **WHIPPLE STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.033 mi.
173 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #4 Fuel Oil for space heating and hot water systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 6,TAXBLOCK 2274 (Continued) **S110242446**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GORDON VIVIAN
Lot Area:	000002050
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0028.54
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999368
Y Coordinate:	0194474
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 6,TAXBLOCK 2274 (Continued) **S110242446**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GORDON VIVIAN
Lot Area:	000002050
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0028.54
Building Frontage:	0000.00

LOT 6,TAXBLOCK 2274 (Continued) **S110242446**

Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999368
Y Coordinate:	0194474
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 6,TAXBLOCK 2274 (Continued) **S110242446**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	GORDON VIVIAN
Lot Area:	000002050
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0028.54
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000018360
Total Assessed Value:	00000018360
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999368
Y Coordinate:	0194474
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 6,TAXBLOCK 2274 (Continued) **S110242446**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B10 **LOT 53,TAXBLOCK 2272** **NY E DESIGNATION** **S110242440**
WSW **663 FLUSHING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.036 mi.
189 ft. **Site 3 of 5 in cluster B**

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	53
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00

LOT 53,TAXBLOCK 2272 (Continued) **S110242440**

Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720053
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999007
Y Coordinate:	0194436
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	53
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230

LOT 53,TAXBLOCK 2272 (Continued) **S110242440**

Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720053
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999007
Y Coordinate:	0194436
Zoning Map:	13B

LOT 53,TAXBLOCK 2272 (Continued) **S110242440**

Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	53
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000

LOT 53,TAXBLOCK 2272 (Continued) **S110242440**

Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720053
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999007
Y Coordinate:	0194436
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B11
WSW
< 1/8
0.044 mi.
233 ft.

LOT 54,TAXBLOCK 2272 **NY E DESIGNATION** **S110242442**
661 FLUSHING AVENUE **N/A**
BROOKLYN, NY 11206

Site 4 of 5 in cluster B

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	54
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301

LOT 54,TAXBLOCK 2272 (Continued) **S110242442**

Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	UNIVERSITY STUDIO, IN
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720054

LOT 54,TAXBLOCK 2272 (Continued) **S110242442**

Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998992
Y Coordinate:	0194402
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	54
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	UNIVERSITY STUDIO, IN
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000

LOT 54,TAXBLOCK 2272 (Continued) **S110242442**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720054
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998992
Y Coordinate:	0194402
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	54
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507

LOT 54,TAXBLOCK 2272 (Continued) **S110242442**

Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	UNIVERSITY STUDIO, IN
Lot Area:	000002000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0080.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000014400
Total Assessed Value:	00000014400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720054
Condominium Number:	00000

LOT 54,TAXBLOCK 2272 (Continued) **S110242442**

Census Tract 2:	0507
X Coordinate:	0998992
Y Coordinate:	0194402
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

C12 **LOT 24,TAXBLOCK 2274** **NY E DESIGNATION** **S110242371**
East **691 FLUSHING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.046 mi.
245 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #4 Fuel Oil for space heating and hot water systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VIVIEN GORDON
Lot Area:	000008930
Total Building Floor Area:	00000008600
Commercial Floor Area:	00000008600

LOT 24,TAXBLOCK 2274 (Continued) **S110242371**

Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000008600
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0063.08
Lot Depth:	0097.00
Building Frontage:	0063.08
Building Depth:	0097.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000043515
Total Assessed Value:	00000090450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.96
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999400
Y Coordinate:	0194502
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK

LOT 24,TAXBLOCK 2274 (Continued) **S110242371**

Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VIVIEN GORDON
Lot Area:	000008930
Total Building Floor Area:	00000008600
Commercial Floor Area:	00000008600
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000008600
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0063.08
Lot Depth:	0097.00
Building Frontage:	0063.08
Building Depth:	0097.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000043515
Total Assessed Value:	00000090450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported

LOT 24,TAXBLOCK 2274 (Continued) **S110242371**

Built Floor Area Ratio-Far:	0000.96
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999400
Y Coordinate:	0194502
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F4
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VIVIEN GORDON
Lot Area:	000008930
Total Building Floor Area:	00000008600
Commercial Floor Area:	00000008600
Office Floor Area:	00000000000

LOT 24,TAXBLOCK 2274 (Continued) **S110242371**

Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000008600
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0063.08
Lot Depth:	0097.00
Building Frontage:	0063.08
Building Depth:	0097.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000043515
Total Assessed Value:	00000090450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.96
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999400
Y Coordinate:	0194502
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D13
NW
< 1/8
0.049 mi.
261 ft.

LOT 11,TAXBLOCK 2272
36 BARTLETT STREET
BROOKLYN, NY 11206

Site 1 of 14 in cluster D

NY E DESIGNATION **S110242343**
N/A

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	11
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000005000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N

LOT 11,TAXBLOCK 2272 (Continued) **S110242343**

Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000035550
Total Assessed Value:	00000035550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720011
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999073
Y Coordinate:	0194592
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	11
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 11,TAXBLOCK 2272 (Continued) **S110242343**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000005000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000035550
Total Assessed Value:	00000035550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720011
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999073
Y Coordinate:	0194592
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 11,TAXBLOCK 2272 (Continued) **S110242343**

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

D14 **EDR US Hist Auto Stat** **1015398693**
NW **30 BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.051 mi.
267 ft. **Site 2 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name: 2001 HIGH TECHNOLOGY AUTO REPAIR CORPORATION
Year: 2000
Address: 30 BARTLETT ST

Name: 2001 HIGH TECHNOLOGY AUTO RPR
Year: 2001
Address: 30 BARTLETT ST

Name: 2001 HIGH TECHNOLOGY AUTO RPR
Year: 2002
Address: 30 BARTLETT ST

Name: 2001 HIGH TECH AUTO REPAIR CORP
Year: 2003
Address: 30 BARTLETT ST

Name: 2001 HIGH TECH AUTO REPAIR
Year: 2004
Address: 30 BARTLETT ST

Name: J & M AUTO SERVICE CORP
Year: 2006
Address: 30 BARTLETT ST

Name: 2001 HIGH TECH AUTO REPAIR CORP
Year: 2009
Address: 30 BARTLETT ST

Name: A & M AUTO REPAIR
Year: 2012
Address: 30 BARTLETT ST

D15 **LOT 9,TAXBLOCK 2272** **NY E DESIGNATION** **S110242451**
NW **30 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.051 mi.
267 ft. **Site 3 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:
Tax Lot(s): 9
E-No: E-238
Effective Date: 12/22/2009
Satisfaction Date: Not reported
Ceqr Number: 09HPD019K

LOT 9,TAXBLOCK 2272 (Continued) **S110242451**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSE, JULIO
Lot Area:	000005000
Total Building Floor Area:	00000004975
Commercial Floor Area:	00000004975
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000004975
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0049.83
Building Depth:	0099.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024570
Total Assessed Value:	00000064800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000

LOT 9,TAXBLOCK 2272 (Continued) **S110242451**

Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999035
Y Coordinate:	0194559
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSE, JULIO
Lot Area:	000005000
Total Building Floor Area:	00000004975

LOT 9,TAXBLOCK 2272 (Continued) **S110242451**

Commercial Floor Area:	00000004975
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000004975
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0049.83
Building Depth:	0099.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024570
Total Assessed Value:	00000064800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999035
Y Coordinate:	0194559
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 9,TAXBLOCK 2272 (Continued) **S110242451**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSE, JULIO
Lot Area:	000005000
Total Building Floor Area:	00000004975
Commercial Floor Area:	00000004975
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000004975
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0049.83
Building Depth:	0099.83
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024570
Total Assessed Value:	00000064800
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 9,TAXBLOCK 2272 (Continued) **S110242451**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999035
Y Coordinate:	0194559
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D16 **J&M AUTO SERVICE CORP.** **NY UST** **U004053200**
NW **30 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.051 mi.
267 ft. **Site 4 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

UST:

Id/Status:	2-610233 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2016/06/09
UTM X:	588973.26349000004
UTM Y:	4506078.0826399997
Site Type:	Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id:	365192
Affiliation Type:	Mail Contact
Company Name:	2001 HIGH TECH AUTO SERVICE CORP.
Contact Type:	Not reported
Contact Name:	JULIO C. JOSE
Address1:	30 BARTLETT STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 387-5373
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/9/2006

Site Id:	365192

J&M AUTO SERVICE CORP. (Continued) **U004053200**

Affiliation Type:	On-Site Operator
Company Name:	2001 HIGH TECH AUTO SERVICE CORP.
Contact Type:	Not reported
Contact Name:	JULIO C. JOSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-5373
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/23/2009

Site Id:	365192
Affiliation Type:	Emergency Contact
Company Name:	ROSALINDA JOSE
Contact Type:	Not reported
Contact Name:	JULIO C. JOSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 387-5373
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	3/23/2009

Site Id:	365192
Affiliation Type:	Facility Owner
Company Name:	ROSALINDA JOSE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	620 EAGLE AVENUE
Address2:	Not reported
City:	WEST HEMPSTEAD
State:	NY
Zip Code:	11552
Country Code:	001
Phone:	(516) 486-8471
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/1/2012

Tank Info:

Tank Number:	1
Tank ID:	212178
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	275

J&M AUTO SERVICE CORP. (Continued) **U004053200**

Install Date:	01/07/1998
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	06/09/2006

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

D17 **LOT 45,TAXBLOCK 2269** **NY E DESIGNATION** **S110242419**
NW **43 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.051 mi.
270 ft. **Site 5 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported

LOT 45,TAXBLOCK 2269 (Continued) **S110242419**

Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000005000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000036000
Total Assessed Value:	00000039510
Land Exempt Value:	00000036000
Total Exempt Value:	00000039510
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998985
Y Coordinate:	0194746
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005

LOT 45,TAXBLOCK 2269 (Continued) **S110242419**

Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	45
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000005000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0

LOT 45,TAXBLOCK 2269 (Continued) **S110242419**

Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000036000
Total Assessed Value:	00000039510
Land Exempt Value:	00000036000
Total Exempt Value:	00000039510
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690045
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998985
Y Coordinate:	0194746
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D18 **LOT 47,TAXBLOCK 2269** **NY E DESIGNATION** **S110242427**
NW **41 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.051 mi.
271 ft. **Site 6 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	47
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230

LOT 47,TAXBLOCK 2269 (Continued) **S110242427**

Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690047
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998975
Y Coordinate:	0194699
Zoning Map:	13B

LOT 47,TAXBLOCK 2269 (Continued) **S110242427**

Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	47
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000

LOT 47,TAXBLOCK 2269 (Continued) **S110242427**

Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690047
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998975
Y Coordinate:	0194699
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D19 **EDR US Hist Auto Stat** **1015385116**
WNW **28 BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.052 mi.
273 ft. **Site 7 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	MUFFLER MASTER INCORPORATED
Year:	1999
Address:	28 BARTLETT ST
Name:	UNI AUTO REPAIR
Year:	2000
Address:	28 BARTLETT ST
Name:	UNIAUTO REPAIR CORP
Year:	2001

(Continued) **1015385116**

Address: 28 BARTLETT ST

Name: UNI AUTO REPAIR
Year: 2002
Address: 28 BARTLETT ST

Name: UNI AUTO REPAIR
Year: 2003
Address: 28 BARTLETT ST

Name: UNI AUTO REPAIR
Year: 2004
Address: 28 BARTLETT ST

Name: UNI AUTO REPAIR
Year: 2005
Address: 28 BARTLETT ST

Name: STERLING AUTO REPAIR INC
Year: 2006
Address: 28 BARTLETT ST

Name: UNIAUTO REPAIR CORP
Year: 2007
Address: 28 BARTLETT ST

Name: STERLING AUTO REPAIR
Year: 2008
Address: 28 BARTLETT ST

Name: STERLING AUTO REPAIR
Year: 2009
Address: 28 BARTLETT ST

Name: STERLING AUTO REPAIR INC
Year: 2010
Address: 28 BARTLETT ST

Name: MARIOS AUTO SERVICE INC
Year: 2011
Address: 28 BARTLETT ST

Name: MARIOS AUTO SERVICE INC
Year: 2012
Address: 28 BARTLETT ST

D20 **LOT 48,TAXBLOCK 2269** **NY E DESIGNATION** **S110242430**
NW **39 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.052 mi.
274 ft. **Site 8 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:
Tax Lot(s): 48
E-No: E-238
Effective Date: 12/22/2009
Satisfaction Date: Not reported
Ceqr Number: 09HPD019K

LOT 48,TAXBLOCK 2269 (Continued) **S110242430**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000

LOT 48,TAXBLOCK 2269 (Continued) **S110242430**

Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690048
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998937
Y Coordinate:	0194705
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	48
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000

LOT 48,TAXBLOCK 2269 (Continued) **S110242430**

Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690048
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998937
Y Coordinate:	0194705
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

B21
WSW
< 1/8
0.052 mi.
274 ft.

LOT 55,TAXBLOCK 2272
659 FLUSHING AVENUE
BROOKLYN, NY 11206

Site 5 of 5 in cluster B

NY E DESIGNATION **S110242443**
N/A

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	55
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	S2
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHELSEA MAZAL INC
Lot Area:	000002308
Total Building Floor Area:	00000004875
Commercial Floor Area:	00000001625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000001625
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5

LOT 55,TAXBLOCK 2272 (Continued) **S110242443**

Basement Type Grade:	5
Land Assessed Value:	00000001573
Total Assessed Value:	00000009972
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.11
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720055
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998969
Y Coordinate:	0194421
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	55
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 55,TAXBLOCK 2272 (Continued) **S110242443**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	S2
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHELSEA MAZAL INC
Lot Area:	000002308
Total Building Floor Area:	00000004875
Commercial Floor Area:	00000001625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000001625
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000001573
Total Assessed Value:	00000009972
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.11
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720055
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998969
Y Coordinate:	0194421
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 55,TAXBLOCK 2272 (Continued) **S110242443**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	55
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	S2
Land Use Category:	04
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHELSEA MAZAL INC
Lot Area:	000002308
Total Building Floor Area:	00000004875
Commercial Floor Area:	00000001625
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000001625
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5

LOT 55,TAXBLOCK 2272 (Continued) **S110242443**

Land Assessed Value:	00000001573
Total Assessed Value:	00000009972
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0002.11
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720055
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998969
Y Coordinate:	0194421
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D22 **LOT 43,TAXBLOCK 2269** **NY E DESIGNATION** **S110242416**
NNW **47 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.053 mi.
279 ft. **Site 9 of 14 in cluster D**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	43
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 43,TAXBLOCK 2269 (Continued) **S110242416**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	RETEK JUDITH
Lot Area:	000005000
Total Building Floor Area:	00000007100
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024885
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690043
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999038
Y Coordinate:	0194761
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 43,TAXBLOCK 2269 (Continued) **S110242416**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	43
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	RETEK JUDITH
Lot Area:	000005000
Total Building Floor Area:	00000007100
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0050.00
Lot Depth:	0100.00

LOT 43,TAXBLOCK 2269 (Continued) **S110242416**

Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024885
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690043
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999038
Y Coordinate:	0194761
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	43
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 43,TAXBLOCK 2269 (Continued) **S110242416**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	RETEK JUDITH
Lot Area:	000005000
Total Building Floor Area:	00000007100
Commercial Floor Area:	00000005900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000005900
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00003
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000024885
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.42
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690043
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999038
Y Coordinate:	0194761
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 43,TAXBLOCK 2269 (Continued) **S110242416**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D23 **LOT 49,TAXBLOCK 2269** **NY E DESIGNATION** **S110242432**
NW **37 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.053 mi.
279 ft. **Site 10 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	49
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4

LOT 49,TAXBLOCK 2269 (Continued) **S110242432**

Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000022815
Total Exempt Value:	00000022815
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690049
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998938
Y Coordinate:	0194663
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	49
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14

LOT 49,TAXBLOCK 2269 (Continued) **S110242432**

City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000022815
Total Exempt Value:	00000022815
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690049
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998938

LOT 49,TAXBLOCK 2269 (Continued) **S110242432**

Y Coordinate:	0194663
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D24 **LOT 50,TAXBLOCK 2269** **NY E DESIGNATION** **S110242435**
WNW **35 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.054 mi.
286 ft. **Site 11 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	50
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000

LOT 50,TAXBLOCK 2269 (Continued) **S110242435**

Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000022815
Total Exempt Value:	00000022815
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690050
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998900
Y Coordinate:	0194673
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	50
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and

LOT 50,TAXBLOCK 2269 (Continued) **S110242435**

	air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000022815
Total Exempt Value:	00000022815
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00

LOT 50,TAXBLOCK 2269 (Continued) **S110242435**

Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690050
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998900
Y Coordinate:	0194673
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D25 **CON EDISON** **NY MANIFEST** **S113816796**
NNW **OPP 49 BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.054 mi.
286 ft. **Site 12 of 14 in cluster D**

Relative:
Higher

Actual:
15 ft.

NY MANIFEST:

EPA ID:	NYP004333621
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

NY MANIFEST:

No Manifest Records Available

E26 **LOT 6,TAXBLOCK 2272** **NY E DESIGNATION** **S110242445**
WNW **24 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.055 mi.
292 ft. **Site 1 of 5 in cluster E**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 6,TAXBLOCK 2272 (Continued) **S110242445**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	MATISH VILGELM
Lot Area:	000006230
Total Building Floor Area:	00000006605
Commercial Floor Area:	00000006605
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000006230
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000375
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0093.00
Building Frontage:	0075.00
Building Depth:	0093.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000030645
Total Assessed Value:	00000072450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000

LOT 6,TAXBLOCK 2272 (Continued) **S110242445**

Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.06
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998986
Y Coordinate:	0194525
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	MATISH VILGELM
Lot Area:	000006230
Total Building Floor Area:	00000006605

LOT 6,TAXBLOCK 2272 (Continued) **S110242445**

Commercial Floor Area:	00000006605
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000006230
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000375
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0093.00
Building Frontage:	0075.00
Building Depth:	0093.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000030645
Total Assessed Value:	00000072450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.06
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998986
Y Coordinate:	0194525
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	6
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 6,TAXBLOCK 2272 (Continued) **S110242445**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	MATISH VILGELM
Lot Area:	000006230
Total Building Floor Area:	00000006605
Commercial Floor Area:	00000006605
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000006230
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000375
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0093.00
Building Frontage:	0075.00
Building Depth:	0093.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000030645
Total Assessed Value:	00000072450
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 6,TAXBLOCK 2272 (Continued) **S110242445**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.06
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720006
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998986
Y Coordinate:	0194525
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

E27 **EDR US Hist Auto Stat** **1015352850**
WNW **24 BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.055 mi.
292 ft. **Site 2 of 5 in cluster E**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	TOP QUALITY AUTO REPAIR SHOP CORP
Year:	2002
Address:	24 BARTLETT ST
Name:	HB 2002 AUTO REPAIR
Year:	2003
Address:	24 BARTLETT ST
Name:	S & O AUTO REPAIR
Year:	2010
Address:	24 BARTLETT ST
Name:	S & B AUTO REPAIR
Year:	2011
Address:	24 BARTLETT ST
Name:	S & B AUTO REPAIR
Year:	2012
Address:	24 BARTLETT ST

D28
NNW
< 1/8
0.056 mi.
297 ft.

LOT 42,TAXBLOCK 2269
51 BARTLETT STREET
BROOKLYN, NY 11206

Site 13 of 14 in cluster D

NY E DESIGNATION **S110242414**
N/A

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	42
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSEF JACOBOWITZ
Lot Area:	000002500
Total Building Floor Area:	00000002150
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00002
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0045.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5

LOT 42,TAXBLOCK 2269 (Continued) **S110242414**

Basement Type Grade:	2
Land Assessed Value:	00000000895
Total Assessed Value:	00000007758
Land Exempt Value:	00000000895
Total Exempt Value:	00000001430
Year Built:	1901
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.86
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690042
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999052
Y Coordinate:	0194803
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	42
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 42,TAXBLOCK 2269 (Continued) **S110242414**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSEF JACOBOWITZ
Lot Area:	000002500
Total Building Floor Area:	00000002150
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00002
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0045.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	2
Land Assessed Value:	00000000895
Total Assessed Value:	00000007758
Land Exempt Value:	00000000895
Total Exempt Value:	00000001430
Year Built:	1901
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.86
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690042
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999052
Y Coordinate:	0194803
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 42,TAXBLOCK 2269 (Continued) **S110242414**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	42
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	B9
Land Use Category:	01
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JOSEF JACOBOWITZ
Lot Area:	000002500
Total Building Floor Area:	00000002150
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00002
Non and Residential Units:	00002
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0045.00
Proximity Code:	3
Irregular Lot Code:	N
Lot Type:	5

LOT 42,TAXBLOCK 2269 (Continued) **S110242414**

Basement Type Grade:	2
Land Assessed Value:	00000000895
Total Assessed Value:	00000007758
Land Exempt Value:	00000000895
Total Exempt Value:	00000001430
Year Built:	1901
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.86
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690042
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999052
Y Coordinate:	0194803
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

F29 **MANHOLE #42919** **NY Spills** **S106016657**
WSW **THOMPKINS & FLUSHING AVS** **N/A**
< 1/8 **BROOKLYN, NY**
0.057 mi.
302 ft. **Site 1 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0304585
DER Facility ID:	62884
Facility Type:	ER
Site ID:	65498
DEC Region:	2
Spill Date:	7/30/2003
Spill Number/Closed Date:	0304585 / 10/13/2004
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	7/31/2003
CID:	255
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons

MANHOLE #42919 (Continued) **S106016657**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/31/2003
Spill Record Last Update:	10/13/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	SEAN MCKEEVER
Contact Phone:	(212) 580-6763
DEC Memo:	E2MIS 1495547/30/03 - 1040R. SACCOMAGNO - 14510 - U.G., WHILE DOING PRE-INSPECTS ON FDR 6B55, REPORTS FINDING APPROX 1 QT OF AN UNKNOWN OIL ON APPROX 30 GALS OF WATER IN MH42919. SPILL IS CONTAINED. NO SEWER CONNECTIONS. NO SUMPS. PCB SAMPLE TAKEN. CLEANUP PENDING LAB RESULT.7/30/03=1830hrsQC ID: 01-200307300623TOTAL PCB < 1.0 ppm UPDATE @ 0330 HRS 11/18/03 A.GLODWSKI ENVIROMENTAL OPS REPOARTS STRUCTURE DOUBLE WASHED WITH COAGULANT & BIOGEN 760. TAG REMAINS IN PLACE PENDING UNDERGROUND WORKUpdate - 11/18/03 - 1340hrsJ. Delarosa Mech A, Env. Ops reports double washed with 760 biogen. UG was on location and cut out joint. Made safe. Clean up completed. Removed env. stop tag # 11265. No sump found in structure.
Remarks:	1 quart on 30 gallons of water - default in structure found. Con Edison #149554

Material:

Site ID:	65498
Operable Unit ID:	871394
Operable Unit:	01
Material ID:	505441
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F30 **CONED MANHOLE #7420** **NY Spills** **S106469230**
WSW **FLUSHING/THOMPKINS** **N/A**
< 1/8 **BROOKLYN, NY**
0.057 mi.
302 ft. **Site 2 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0401891
DER Facility ID:	119626
Facility Type:	ER
Site ID:	140065

CONED MANHOLE #7420 (Continued) **S106469230**

DEC Region:	2
Spill Date:	5/20/2004
Spill Number/Closed Date:	0401891 / 9/9/2004
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	5/20/2004
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/20/2004
Spill Record Last Update:	9/9/2004
Spiller Name:	ERT DESK
Spiller Company:	CONED MANHOLE #7420
Spiller Address:	FLUSHING/THOMPKINS
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	e2mis # 153501P.FRANZI #20 REPORTS WHILE WORKING ON SCH.FEEDER 6B55 REPORTS APPROX 1-QUART OF DIELECTRIC FLUID LEAKED FROM A RESEVOIR TANK IN MH-7420 .ALSO REPORTS THERE IS A SEWER CONNECTION IN STRUCTURE THERE IS OIL IN SEWER.UNABLE TO REPORT AMOUNT. NO FIRE OR SMOKE. 1 SAMPLE TAKEN ENVIR TAG#26123 PLACED.FOD crew on location. Inspected structure and found small amount of oil on floor. Determined some may have spilled into sewer connection. Clean up in progress as 50-499.LSN 04-03936: PCBs 2 PPM.5/21/04=0110HRS LABARBERA ENVIR OPPS REPORTS CLEANUP COMPLETED. DOULBED WASHED STRUCTURE USING BIO-GEN 760. ALL LIQUIDSREMOVED. CLEANED AND SEALED SUMP.PER MR. JACOBI THERE WAS NO SUMP. THE ENVIRONMENTAL OPS CREW CLEANED THE SEWER CONECTION AND THEN CEMENTED THE SEWER CONNECTION. E. VESCE
Remarks:	came from a resevior tank: found some went intop a sewer conection, not sure how much; NOT CLEANED UP, DISPATCHING CREWS : Update: 1 quart of unknown type oil. Tank is underground. Release is secured. John Higgins

Material:

Site ID:	140065
Operable Unit ID:	883744
Operable Unit:	01
Material ID:	493082
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No

CONED MANHOLE #7420 (Continued) **S106469230**

Resource Affected: Not reported
Oxygenate: False

Tank Test:

G31
NNW
< 1/8
0.059 mi.
309 ft.

LOT 41,TAXBLOCK 2269
53 BARTLETT STREET
BROOKLYN, NY 11206

Site 1 of 3 in cluster G

NY E DESIGNATION **S110242412**
N/A

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	41
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000

LOT 41,TAXBLOCK 2269 (Continued) **S110242412**

Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022275
Total Assessed Value:	00000022275
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690041
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999087
Y Coordinate:	0194798
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	41
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230

LOT 41,TAXBLOCK 2269 (Continued) **S110242412**

Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022275
Total Assessed Value:	00000022275
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690041
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999087
Y Coordinate:	0194798
Zoning Map:	13B

LOT 41,TAXBLOCK 2269 (Continued) **S110242412**

Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

E32 **LOT 52,TAXBLOCK 2269** **NY E DESIGNATION** **S110242437**
WNW **31 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.059 mi.
309 ft. **Site 3 of 5 in cluster E**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	52
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C1
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000005000
Total Building Floor Area:	00000021750
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000

LOT 52,TAXBLOCK 2269 (Continued) **S110242437**

Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	005.00
Residential Units:	00020
Non and Residential Units:	00020
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0087.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000018495
Total Assessed Value:	00000184500
Land Exempt Value:	00000018495
Total Exempt Value:	00000057970
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0004.35
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690052
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998852
Y Coordinate:	0194632
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

E33 **29-31 BARTLETT STREET** **NY AST** **A100360413**
WNW **29-31 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.061 mi.
323 ft. **Site 4 of 5 in cluster E**

Relative:
Higher

Actual:
14 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-611766

29-31 BARTLETT STREET (Continued) **A100360413**

Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	461541
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT OF HOUSING PRESERVATION & DEV.
Contact Type:	EXEC DIR
Contact Name:	JOHN E. GEARRITY
Address1:	100 GOLD STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7172
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/2/2012

Site Id:	461541
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT OF HOUSING PRESERVATION & DEV.
Contact Type:	Not reported
Contact Name:	ASST. COMM.-DPM
Address1:	100 GOLD STREET
Address2:	7T-2
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 863-7172
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	3/2/2012

Site Id:	461541
Affiliation Type:	On-Site Operator
Company Name:	29-31 BARTLETT STREET
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/3/2012

29-31 BARTLETT STREET (Continued) **A100360413**

Site Id:	461541
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT OF HOUSING PRESERVATION & DEV.
Contact Type:	Not reported
Contact Name:	DEREK PARSONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 559-4337
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	5/3/2012

Tank Info:

Tank Number:	001
Tank Id:	243081
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/06/1990
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/17/2012
Register:	True
Modified By:	MSBAPTIS
Last Modified:	05/03/2012
Material Name:	#2 Fuel Oil (On-Site Consumption)

E34 **29 BARTLETT STREET** **NY Spills** **S102150626**
WNW **29 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.061 mi.
323 ft. **Site 5 of 5 in cluster E**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	9506117
DER Facility ID:	115355
Facility Type:	ER
Site ID:	134249
DEC Region:	2
Spill Date:	8/17/1995
Spill Number/Closed Date:	9506117 / 8/24/1995
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	8/17/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Local Agency
Cleanup Ceased:	8/24/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/27/1995
Spill Record Last Update:	9/28/1995
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"
Remarks:	RECEIVING OIL DELIVERY AND FUEL LINE BROKE - REQUESTING RESPONDER - FROM DEC - 08/24/95, HPD - PUT SPEEDY DRY ON THE SIDEWALK (INFO FROM DEP, MARTY)

Material:

Site ID:	134249
Operable Unit ID:	1020915
Operable Unit:	01
Material ID:	364097
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

29 BARTLETT STREET (Continued) **S102150626**

Tank Test:

G35 **LOT 40,TAXBLOCK 2269** **NY E DESIGNATION** **S110242408**
North **55 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.061 mi.
323 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	GELB, GETZEL/CUST FOR
Lot Area:	000005000
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0200.00

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000026415
Total Assessed Value:	00000044550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999016
Y Coordinate:	0194929
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	GELB, GETZEL/CUST FOR
Lot Area:	000005000
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0200.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000026415
Total Assessed Value:	00000044550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999016
Y Coordinate:	0194929
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	GELB, GETZEL/CUST FOR
Lot Area:	000005000
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0200.00
Building Frontage:	0025.00

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000026415
Total Assessed Value:	00000044550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999016
Y Coordinate:	0194929
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	GELB, GETZEL/CUST FOR
Lot Area:	000005000
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0200.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	4
Basement Type Grade:	5
Land Assessed Value:	00000026415
Total Assessed Value:	00000044550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999016
Y Coordinate:	0194929
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 40,TAXBLOCK 2269 (Continued) **S110242408**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

F36 **VAULT 1336 & 1473** **NY Spills** **S106011290**
WSW **FLUSHING AVE & TOMPKINS** **N/A**
< 1/8 **BROOKLYN, NY**
0.062 mi.
326 ft. **Site 3 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0211143
DER Facility ID:	265729
Facility Type:	ER
Site ID:	330346
DEC Region:	2
Spill Date:	2/5/2003
Spill Number/Closed Date:	0211143 / 9/29/2003
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	2/6/2003
CID:	205
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/6/2003
Spill Record Last Update:	9/29/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"Con Ed e2mis #147073:2/5/03 - 1300N. FRUSTACI - 14575 - BQE, WHILE DOING INSPECTIONS FOUND APPROX 2 OZ OF AN UNKNOWN OIL ON 100 GALS OF WATER IN BOTH V1336 (6B55) & V1473 (6B56). SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. STRUCTURES ARE CONNECTED WITH A WEEP HOLE. NO MOVEMENT IN THE WATER. NO SUBSTANTIAL CRACKS IN THE STRUCTURES. THERE IS A CONCRETE SUMP IN V1473 WITH A DEFECTIVE SUMP PUMP IN IT. BOTH

VAULT 1336 & 1473 (Continued) **S106011290**

STRUCTURES PRESSURE TESTED AND HELD PRESSURE. 2 LBS OF PRESSURE WERE FOUND IN EA STRUCTURE BEFORE THEY WERE PRESSURE TESTED. OIL LEVELS & TEMPS ARE GOOD IN EA STRUCTURE. TAG # 39200 PLACED IN EA STRUCTURE. PCB SAMPLES TAKEN FROM EA STRUC. CHAIN OF CUSRODY FORM # CC11214 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULTS. 2/5/03=2200HRS BOTH SAMPLES RETURNED# 03-01062-002 V-1473=<1PPM # 03-01062-001 V-1336 <1.PPMUPDATE 2-6-03 1045 HRS K QUEST MECH "A" FLUSH DEPT REPORTS THEY WILL BE UNABLE TO COMPLETE THIS CLEANUP DUE TO THE SECONDARY (GAP) PROBLEM IN STRUCTURE. SERV BUR ON LOCATION TO TRY AND CORRECT PROBLEM. STRUCTURE ALSO IS MAKING WATER . HE LOADED TRUCK UP TRYING TO REMOVE LIQUIDS FROM THIS STRUCTURE. WILL TAKE THIS OFF THE 24 HRS DEMINIMIS PROGRAM. UPDATE 2-6-03 1310 HRS. SERV BUR REPORTS SECONDARY (GAP PROBLEM WAS CORRECTED. LAZ # 04425UPDATE: 3/20/03 - 1230W. TUDY - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING BOTH STRUCTURES WITH BULLDOG. LIQUID WASTE REMOVED BYASTORIA UNDER 50 TANKER. SOIL WASTE REMOVED BY VACTOR. TAGS #'D39200 WERE REMOVED FROM BOTH STUCTURES.

Remarks: 2oz spill between vaults. con ed # 147073. samples taken less than 1ppm. cleanup not completed yet. water leak also present.

Material:

Site ID:	330346
Operable Unit ID:	864325
Operable Unit:	01
Material ID:	514502
Material Code:	0541A
Material Name:	DIELECTRIC FLUID
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F37 **BP AMOCO SERVICE STATION #36714** **NY UST** **U001839090**
WSW **655 FLUSHING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.062 mi.
328 ft. **Site 4 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

UST:

Id/Status:	2-337439 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2017/10/29
UTM X:	588979.51921000006
UTM Y:	4505968.9224899998
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	16176
Affiliation Type:	Facility Owner
Company Name:	BP PRODUCTS NORTH AMERICA, INC.

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Contact Type:	ENVIRONMENTAL COMPLIANCE SPECIALIST
Contact Name:	MARK OKAMOTO
Address1:	PO BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(732) 743-0901
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/2/2012

Site Id:	16176
Affiliation Type:	Mail Contact
Company Name:	BP PRODUCTS NORTH AMERICA, INC.
Contact Type:	ENVIRONMENTAL COMPLIANCE SPECIALIST
Contact Name:	MARK OKAMOTO
Address1:	PO BOX 6038
Address2:	Not reported
City:	ARTESIA
State:	CA
Zip Code:	90702
Country Code:	001
Phone:	(732) 743-0901
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/2/2012

Site Id:	16176
Affiliation Type:	Emergency Contact
Company Name:	BP PRODUCTS NORTH AMERICA, INC.
Contact Type:	Not reported
Contact Name:	MARK OKAMOTO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(908) 227-1893
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/2/2012

Site Id:	16176
Affiliation Type:	On-Site Operator
Company Name:	BP AMOCO SERVICE STATION #36714
Contact Type:	Not reported
Contact Name:	XUBING CHEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-5165
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	12/3/2012

Tank Info:

Tank Number:	001
Tank ID:	28655
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	28656
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 28657
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 28658
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 28659
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 28660
Tank Status: Closed Prior to Micro Conversion, 03/91

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	007
Tank ID:	28661
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

I00 - Overfill - None

Tank Number: 008
Tank ID: 28662
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 28663
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1968
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	010
Tank ID:	28664
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	011
Tank ID:	28665
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	012
Tank ID:	28666
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1968
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number:	101
Tank ID:	28667
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1990
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 11/08/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 12/03/2012

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double-Walled (Underground)
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 102
Tank ID: 28668
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 07/01/1990
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 11/08/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 12/03/2012

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double-Walled (Underground)
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number:	103
Tank ID:	28669
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1990
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	11/08/2010
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	12/03/2012

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number:	104
Tank ID:	28670
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1990
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	11/08/2010
Next Test Date:	Not reported

BP AMOCO SERVICE STATION #36714 (Continued) **U001839090**

Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 12/03/2012

Equipment Records:

C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
E04 - Piping Secondary Containment - Double-Walled (Underground)
B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 105
Tank ID: 28671
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 07/01/1990
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 11/08/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 12/03/2012

Equipment Records:

D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B08 - Tank External Protection - Retrofitted Impressed Current
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
E04 - Piping Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser

F38 **AMOCO** **NY Spills** **S105141059**
WSW **655 FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.062 mi.
328 ft. **Site 5 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0104597
DER Facility ID:	215665
Facility Type:	ER
Site ID:	196822
DEC Region:	2
Spill Date:	7/30/2001
Spill Number/Closed Date:	0104597 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	rjfeng
Referred To:	SULFATE INJECT FULL SCALE MONITORING, 2Q2012
Reported to Dept:	7/30/2001
CID:	270
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	6/29/2004
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	4
Date Entered In Computer:	7/30/2001
Spill Record Last Update:	3/29/2013
Spiller Name:	Not reported
Spiller Company:	AMOCO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	(718) 387-5165
DEC Memo:	3/14/03 REASSIGNED FROM ROMMEL TO VOUGHT. 12/4/03 Reassigned from Vought to Foley. See spill #8401982. See PIN file 4393.HISTORY:Leaks were detected and repaired at the threaded bushings of the piping run in 1984. MWs and an extraction well were installed in 1985. LNAPL was detected in 10 of 11 on-site wells ranging in thickness from trace to approx 1'. A product recovery system(scavenger pumps) was installed and activated. Approx 3000gal of LNAPL was removed. In 1990, the 12X550gal tanks were removed and new 4000gal double-walled tanks, islands and dispensers were installed. Subsequent to the rebuild, four new MWs were installed. Approx 0.06' LNAPL was observed in one well. Tyree had monitored these wells from 1990 to 1995. In July 1995, Tyree also installed three temporary wells in the sidewalk across Bartlett St. No BTEX or MTBE above GW standards was detected in these. In Oct 1997, Baltec installed MW-5 which contained VOCs above standards. The site transitioned to Delta in APril 1999. In May 1999, an EFR event was conducted on MW-3. Approx 700gal of impacted GW was treated(approx 9lbs VOCs removed). The results of the EFR event indicated that the residual contamination was no longer significantly volatile and therefore indicative of an older release.

AMOCO (Continued) **S105141059**

In July 2001, LNAPL was observed in tank mat well TW-1 during routine monitoring events at a thickness of 0.41' and was determined to be fresh. Spill #0114597 was reported. THe LNAPL may have been related to a leaking impact valve at dispenser 5/6 which was discovered 6/11/01 and repaired 6/12/01. LNAPL was last detected in TW-1 in 1/02.An EFR program was initiated in 7/01. Between 7/01 and 2/02, nine EFR events were conducted on tank mat well TW-1. Approx 1gal of LANPL, 4116gal water and a total mass of 255lbs of VOCs were recovered and treated.Between 3/6/02 and 4/24/02, six MWs were installed and VOCs in excess of soil cleanup objectives were detected in all samples.Between 9/22/03 and 10/27/03, spill containment was installed around the submersible pumps, deep spill containment boxes were installed under the dispensers, 50' of steel piping was replaced with double walled fiberglass, anad leak detection was installed at each spill containment box and tied to the Veeder Root.12/8/03 Received Line Closure and Dispenser Upgrade Report (Delta, 12/4/03). Depth to groundwater approx 6-7'bgs. VOCs were not detected above TAGM cleanup objectives in any of the soil samples collected. Soil samples were collected from beneath the three dispensers(2.5-3.5'bgs). Three post-ex soil samples were collected along the product piping(3-3.5'bgs). Four samples were collected during the sump upgrade(2.5-3'bgs). 3/19/04 Received 2Q, 3Q, and 4Q 2002 reports. Dissolved BTEX and MTBE at high concentrations. 0.01ft LNAPL detected in MW-3 10/8/02, 0.13ft in MW-3 on 7/17/02 and 4/15/02.5/4/04 Overdue for tightness test since 5/1/02. Spartan Petroleum Corp. was previous owner.5/25/04 Keyspan was installing 300ft of natural gas line and noticed a gasoline odor in the soil they excavated. Reported spill #0402082. See notes.5/26/04 Stip mailed out and due back 6/28/04. Two Pfizer buildings, one located across Flushing Ave and one across Bartlett St. The one on Bartlett has a Charter School and playground area south of school(crossgradient of station). Delta was on-site to collect endpoints from Keyspan excavation. One of four (composite) endpoints returned with VOCs in excess of soil cleanup objectives.5/28/04 1Q03, 2Q03, 3Q03, 4Q03 and 1Q04 monitoring reports submitted. 1Q04 BTEX from ND(MW-7,12,A) to 35,740ppb(MW-F). MTBE from ND(MW-6,7,12) to 39,300ppb(MW-9).6/29/04 Stip executed by T. Kunkel.7/6/04 Passing tank test results submitted. Investigation Report due 8/28/04.8/17/04 2Q04 monitoring report received. BTEX from ND(MW-6,7,12,A) to 62870ppb(MW-F). MTBE from ND(MW-6,7,12) to 18500ppb(MW-9).8/31/04 Received Investigation Summary Report. Delineation complete. RAP due 10/27/04.11/18/04 A. Lapine update- On November 11, 12, and 15th, Delta collected ground water samples for geochemical analysis in support of a potential Biostimulation Remedial Action Plan. The suite of analytes are extensive, so the laboratory analysis usually takes a few weeks. Awaiting a status from the lab and plan on a requesting a rushed turnaround. Will expedite the preparation of the report.1/14/05 Received RAP for biological stimulation. MW-1, MW-5, MW-11 and MW-13 are proposed to be used to inject nitrate/sulfate solutions into the subsurface. A workplan describing the specific application of nitrate and sulfate solutions with regard to quantity, concentration and expected rate of injection, as well as a future monitoring program to determine a level of effectiveness will be submitted upon approval of the RAP. An exposure assessment was conducted identifiying chemicals of concern(COC), identifying potential receptors and exposure pathways, determining complete exposure pathways, estimating COC concentrations at points of

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exposure(POE) for each complete pathway, estimating potential baseline exposure at POEs and estimating site-specific target levels(SSTLs). The assessment concluded concentrations of BTEX and MTBE are protective of potential receptors. Delta conducted geochemical sampling from 11/11/04 to 11/23/04. Samples from MW-6 and MW-7 were from upgradient to assess conditions outside of the impacted zone. Samples from MW-4, MW-5 and MW-11 were within the impact zone. The evidence suggests: Dissolves oxygen levels are depressed in the source zone and recover in downgradient wells. ORP readings support depletion of electron acceptors in the source zone, as compared to upgradient background. Nitrate concentrations are depleted in the source zone, as compared to upgradient and downgradient(nitrate-reducing activity). Concentrations of dissolved manganese increases in the source zone(manganese-reducing activity). Concentrations of ferrous iron increases in the source zone(iron-reducing activity). Concentrations of sulfate are depleted in the source zone(sulfate-reducing activity). Highly elevated concentrations of dissolved methane in the impacted zone indicate methanogenic biological activity.Introduction of exogenous nitrate and sulfate solutions (by injection into existing wells), will provide for additional electron acceptors to increase the rate of biodegredation.3/22/05 Approved RAP which is to be implemented by 7/21/05. Delta to submit workplan outlining specific application of nitrate and sulfate solutions with regard to quantity, conc, and rate of injection in addition to OMMP.4/27/05 Portfolio meeting- Injection workplan to be submitted 6/05, O&M 7/05, RAP implementation by 9/05.7/15/05 4Q04- DTW 5 to 7'bgs, northeast. No LNAPL present. BTEX from ND(MW-6,7,14,15,16) to 51170ppb(MW-13). MTBE from ND(MW-6,7,13,14,16) to 3170ppb(MW-9).11/8/05: Reviewed quarterly report dated October 27, 2005. Twelve of 16 wells were sampled on January 27, 2005. No free product. Max BTEX is 8,950 ppb (MW12), max MTBE 702ppb (MW12). Contamination in all on-site wells. Increased BTEX concentration in MWs-2,12,& 17.11/25/05 2Q05 - Fifteen wells sampled on 4/29/05. Max BTEX 66,750 (MW13), max MTBE 1,210 (MW10). Fluctuating contaminant trends.3Q05 - DTW 6.10-7.66'bgs. BTEX from ND(MW-6,7,14,15) to 58980ppb(MW-13). MTBE from ND(MW-6,7,14) to 1000ppb(MW-10).3/3/06 All 16 wells sampled 10/20/05. MW-8 was paved over. DTW 5.36-7.79'bgs. No LNAPL present. BTEX from ND(MW-6,7,14,15) to 23770ppb(MW-13). MTBE from ND(MW-6,7,14) to 816ppb(MW-9). Off-site wells are non-detect. Evaluating biostimulation as remedial strategy.3/16/06 Meeting held with BP and Delta. K. Endriss of BP was questioning biostimulation as a strategy. There will be an internal review prior to submitting RAP and OM&M Plan.6/8/2006 - Feng - project reassigned to RJFeng. (RJF)9/22/2006 - Feng - Quarterly Monitoring Report, 1Q2006, 8/17/2006, by Delta. Groundwater sampling and gauging on 1/30/2006. 14 of the 16 monitoring wells were sampled. MW-6 was not sampled due to an obstruction. MW-16 was not sampled due to an insufficient volume of water in the well. Groundwater flows to east at the depth of 5.37' to 7.67' bg. MW-1, 128.6 ppb BTEX, 7.5 ppb MTBE. MW-2, 8,513 ppb BTEX (381 ppb B, 2,670 ppb T, 382 ppb E, 5,080 ppb X), 63.6 ppb MTBE. MW-3, 4,239 ppb BTEC (3,790 ppb B, 102 ppb T, 48 ppb E, 299 ppb X), 591 ppb MTBE. MW-4, 232 ppb BTEX, 13.6 ppb MTBE. MW-5, 2,801 ppb BTEX, 57.2 ppb MTBE. MW-7, ND. MW-9, 974.8 ppb BTEX, 2,270 ppb MTBE. MW-10, 263.6 ppb BTEX, 163 ppb MTBE. MW-11, 8,220 ppb BTEX (1,920 ppb B, 1,300 ppb T, 1,330 ppb E, 3,670 ppb X), 788 ppb MTBE. MW-12, 4,933 ppb BTEX (1,780 ppb B, 480 ppb T, 573 ppb E, 2,100 ppb X), 39.2 ppb MTBE. MW-13, 15,550 ppb BTEX (4,200 ppb B,

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5,040 ppb T, 1,190 ppb E, 5,120 ppb X), 67.8 ppb MTBE. MW-14, ND. MW-15, ND. MW-17, 974.2 ppb BTEX, 43.1 ppb MTBE. (RJF)9/28/2006 - Feng - Portfolio meeting with BP and Delta. RAP plan changed. Delta began engineering design/construction of the automatic bio-stimulation system. Sulfate injection plan and O&M plan will be submitted. Sulfate concentration will be monitored downgradient which should not exceed the groundwater standard. (RJF)12/6/2006 - Feng - Quarterly Monitoring Report, 2Q2006, 11/27/2006, by Delta. Groundwater sampled and gauged 5/5/2006. 14 of 16 monitoring wells were sampled. MW-6 was not sampled due to an obstruction. MW-16 was not sampled due to insufficient volume of water in the well. DTW 4.9' to 7.24'. Flows northeast. No LNAPL. BTEX range ND to 45,980 ppb (MW-13). MTBE range ND to 2,660 ppb (MW-9). (RJF)6/12/2007 - Feng - Quarterly Monitoring Report, 3Q2006, 1/29/2007. Groundwater sampled 7/24/2006. 14/16 monitoring wells were sampled. DTW 5.52' to 7.21' bg. No LNAPL. Flows to northeast. MW-1, 88.3 ppb BTEX, 7.9 ppb MTBE. MW-2, 6,765 ppb BTEX, 30 ppb MTBE. MW-3, 4,027 ppb BTEX, 198 ppb MTBE. MW-4, 104 ppb BTEX, 8.5 ppb BTEX. MW-5, 980 ppb BTEX, 29.3 ppb MTBE. MW-6, not accessible. MW-7, ND. MW-9, 589 ppb BTEX, 434 ppb MTBE. MW-10, 159 ppb BTEX, 124 ppb MTBE. MW-11, 3,506 ppb BTEX, 163 ppb MTBE. MW-12, 4,550 ppb BTEX, 50.4 ppb MTBE. MW-13, 23,940 ppb BTEX, 34.2 ppb MTBE. MW-14 and MW-15, ND. MW-16, not enough water. MW-17, 807 ppb BTEX, 44.2 ppb MTBE. (RJF)7/24/2007 - Feng - 4Q2006, 4/30/2007. Groundwater sampled 10/30/2006. 12/15 monitoring wells were sampled. DTW 5.79' to 7.21' bg. Flows to northeast. LNAPL in MW-13 (0.05'). MW-1, 132 ppb BTEX, 4.8 ppb MTBE. MW-2, 28,400 ppb BTEX, 27 ppb MTBE. MW-3, 3,627 ppb BTEX, 253 ppb MTBE. MW-4, 203 ppb BTEX, 5.1 ppb MTBE. MW-5, 707 ppb BTEX, 7.7 ppb MTBE. MW-6, not accessible. MW-7, 209 ppb BTEX, 14.3 ppb MTBE. MW-9, 358 ppb BTEX, 139 ppb MTBE. MW-11, 264 ppb BTEX, 112 ppb MTBE. MW-12, 5,312 ppb BTEX, 496 ppb MTBE. MW-13, 762 ppb BTEX, 53.8 ppb MTBE. MW-14, MW-15, ND. MW-16 and MW-17, not accessible. 1Q2007, 5/7/2007. Groundwater sampled 1/5/2007. 15/16 monitoring wells were sampled. DTW 5.71' to 8.98' bg. Flows to northeast. No LNAPL. MW-1, 161 ppb BTEX, 4.4 ppb MTBE. MW-2, 29,260 ppb BTEX, 19.8 ppb MTBE. MW-3, 149 ppb BTEX, 639 ppb MTBE. MW-4, 277.5 ppb BTEX, 6.1 ppb MTBE. MW-5, 2,013 ppb BTEX, 20.1 ppb MTBE. MW-6, not accessible. MW-7, Nd. MW-9, 837 ppb BTEX, 285 ppb MTBE. MW-10, 2.51 ppb BTEX, 108 ppb MTBE. MW-11, 4,532 ppb BTEX, 330 ppb MTBE. MW-12, 24,563 ppb BTEX, 1,200 ppb MTBE. MW-13, 2,935 ppb BTEX, 23.8 ppb MTBE. MW-14, MW-15 and MW-16, ND. MW-17, 1,428 ppb BTEX, 24 ppb MTBE. (RJF)12/12/2007 - Feng - 2Q2007, 8/30/2007. Active Service Station. The monitoring well network was gauged and sampled on 4/4/2007. 15/16 monitoring wells were gauged. DTW 5.31' to 6.81' bg. Flows to northeast. No LNAPL. 14/16 monitoring wells were sampled. BTEX range ND to 12,400 ppb (MW-11). MTBE range ND to 671 ppb (MW-9). (RJF)1/8/2008 - Feng - 3Q2007, 11/5/2007. Active Service Station. The monitoring well network was gauged and sampled on 7/13/2007. 12/16 monitoring wells were gauged. DTW 5.64' to 7.91' bg. Flows to northeast. No LNAPL. 12 monitoring wells were sampled. BTEX range ND to 40,760 ppb (MW-13). MTBE range ND to 2,040 ppb (MW-3). (RJF)2/13/2008 - Feng - 4Q2007, 11/19/2007. Active service station. the monitoring well network was gauged and sampled on 10/3/2007. 14/16 monitoring wells were gauged. DTW 6.51' to 7.87' bg. Flows to northeast. No LNAPL. 13 monitoring wells were sampled. BTEX range ND to 8,190 ppb (MW-11). MTBE range ND to 249 ppb (MW-3). (RJF)3/20/2008 - Feng - Email to K. Endriss (BP) for the status of biostimulation/sulfate solution injection. (RJF)6/16/2008 - Feng -

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1Q2008, 2/15/2008. Active service station. The monitoring well network was gauged and sampled on January 21, 2008. 12 monitoring wells. DTW 5.72' to 7.39' bg. Flows to northeast. No LNAPL. BTEX range ND to 29,200 ppb (MW-13). MTBE range N Dto 470 ppb (MW-3). (RJF)8/26/2008 - Reviewed the Work Plan Addendum Bio-Stimulation Remediation Pilot Study, dated July 29, 2008, by Delta. The work proposed in this work plan was orginally proposed in the approved RAP dated 1/13/2005. A pilot study will be performed to address DEC's concern regarding the application of elevated sulfate concentrations. 784 lbs of magnesium sulfate will be mixed with 1,000 gallons of tap water (75,000 mg/L) will be added into MW-1 by gravity. DTW of all monitoring wells will gauged immediately after the application. Gauging and sampling of the wells will be performed the day after the application and then on weekly basis for 12 weeks. (RJF)9/12/2008 - Comments on the Work Plan Addendum Bio-Stimulation Remediation Pilot Study were provided to Delta. 11/10/2008 - 2Q2008, 8/7/2008, by Delta. Active Service station. the monitoring well network was gauged and sampled on 4/25/2008. 14 wells were gauged. No LNAPL. DTW 6.01' to 7.60' bg. Flows to northeast. MW-6 and MW-7 were not found and not gauged. 13 wells were sampled. MW-16 didn't have sufficient volume for sampling. BTEX range ND to 29,100 ug/L (MW-13). MTBE range ND to 1,000 ug/L (MW-9). 10/28/2008 - 3Q2008, 9/29/2008, by EnviroTrac. Active BP service station. The monitoring well network was gauged and sampled on 7/14/2008. 14 wells were gauged. No LNAPL. DTW 5.90' to 7.72' bg. Flows to northeast. 13 wells were sampled. MW-6 and MW-7 couldn't be located. MW-16 has insufficient sample volume. Max benzene 4,500 ug/L (MW-13). Max BTEX 26,200 ug/L (MW-13). Max MTBE 650 ug/L (MW-9). (RJF)3/4/2009 - 4Q2008, 1/5/2009, by EnviroTrac. Active BP Service Station. The monitoring well network was gauged and sampled on 10/2/008. 14 wells were gauged. NO LNAPL. DTW 5.75' to 8.25' bg. Flows to northeast. 13 wells were sampled. 3 wells were not sampled, MW-6 and MW-7 were paved over and MW-16 was dry. Max benzene 2,500 ug/L (MW-13). Max BTEX 13,970 ug/L (MW-13). Max MTBE 410 ug/L (MW-9). (RJF)5/21/2009 - Reviewed Drilling Work Plan, dated 3/31/2009, by Delta. Delta is installing 2 monitoring wells at the site. Proposed MW-18 will be in downgradient instead replacing the two wells across street. Work plan is approved. SHARA due within 90 days, August 21, 2009. (RJF)1/8/2010 - Reviewed Subsurface Hydrocarbon Assessment Report Addendum, dated 10/16/2009, by Delta. Between June 18 and June 19, 2009, Envirotrac, on behalf of Atlantic Richfield, advanced two soil borings (MW-18 and MW-19) to 12 feet and 15 feet respectively, using Geoprobe 6620 hollow stem auger and direct push, macro-core sampling unit. 2 soil samples were collected. MW-19 (6-6.5'), NO PID, VOCs ND. MW-19 (14.5-15'), NO PID, VOCs ND. On July 13, 2009, all the wells were gauged and sampled. DTW 5.89' (MW-13) to 7.46' (MW-16). BTEX range ND to 3,450 ug/L (MW-13). MTBE range ND to 470 ug/L (MW-9). MW-18, VOCs ND. MW-19, 0.61 ug/L benzene, 0.61 ug/L total VOCs. The sulfate injection pilot is scheduled for October 21, 22, 2009, and will has a 12-week monitoring plan. (RJF)6/9/2010 - 4Q2009, 1/17/2010, by EnviroTrac. The monitoring well network was gauged and sampled on 10/6/2009. 16 wells were gauged. NO LNAPL. DTW 6.22 - 7.58' bg. Flows to northeast. 15 wells were sampled. MW-16 with insufficient water, not sampled. Max benzene 2,600 ug/L (MW-11). Max BTEX 4,280 ug/L (MW-11). Max MTBE 280 ug/L (MW-3). 1Q2010, 4/9/2010, by EnviroTrac. The monitoring well network was gauged and sampled on 1/15/2010. 16 monitoring wells were gauged. NO LNAPL. DTW 6.19 - 7.92' bg. Flows to northeast. 15 wells

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were sampled. MW-16 with insufficient water, not sampled. Max benzene 3,900 ug/L (MW-3). Max BTEX 5,160 ug/L (MW-11). Max MTBE 810 ug/L (MW-3). 2Q2010, 5/19/2010, by EnviroTrac. The monitoring well network was gauged and sampled on 4/9/2010. 16 wells were gauged. NO LNAPL. DTW 5.59 - 7.33' bg. Flows to northeast. 15 wells were sampled. MW-16 not enough water, not sampled. Max benzene 3,900 ug/L (MW-13). Max BTEX 21,780 ug/L (MW-13). Max MTBE 530 ug/L (MW-3). 6/21/2010 - Enhanced Bioremediation Pilot Summary and Full Scale Application Work Plan, dated 4/1/2010, by Delta. On 10/20/2009, pre-application groundwater monitoring including gauging for DTW, well depth, sampling for BTEX, MTBE, sulfate and sulfide. On 10/21, 22/2009, a 1,000 gallon of 28,000 mg?L sulfate solution was added to MW-1. Post-application groundwater monitoring for sulfate and sulfide was conducted, 10/23, 11/4, 11/12, 11/20, 11/24, 12/4, 12/11, 12/16, 12/22, 12/29/2009, 1/15/2010 and 2/19/2010. Some orders of magnitude of sulfate was detected in MW-2, MW-4, MW-12 and MW-13. The concentration of sulfate up to 27,000 mg/L was dissipated in MW-1 within 120 days. Delta proposes to apply full scale, adding 500 gallon MgSO4 at 28,000 mg/L into MW-1, MW-3, MW-5 and MW-13 for 12 events in 36 months, namely quarterly application. Gauging and monthly sampling will be conducted. Reviewed the quarterly report. comments to Delta. MW-2, MW-4, MW-12 and MW-13 seem not show effectiveness on remediating the dissolved as the BTEX/MTBE concentration is still remaining the similar level after the pilot application. And question if sulfate addition is still an appropriate remedy. 6/28/2010 - approve the full scale application work plan, dated 4/1/2010. The work plan implementation and results shall be included in the quarterlys, and a report summarize the remedy shall be submitted after the 36-months application activities.8/6/10 Spill case temporarily transferred from June Feng to J.A. Maisonave. - JAM4/11/2011 - Spill transferred back to JFeng.6/27/2011 - received 2Q2011. eDoc. JF9/15/2011 - 2Q2011, 6/27/2011, by Antea Group. Groudwater samples were collected on April 5, 2011. 15 wells were sampled. Max BTEX 12,490 ug/L (MW-13). Moderate BTEX with high benzene in multiple wells. Benzene 3,700 ug/L (MW-3). Max MTBE 550 ug/L (MW-3). 11/7/2011 - 3Q2011, 10/11/2011, by Antea Group. Groundwater samples were collected on July 22, 2011. 14 wells were sampled. High/moderate BTEX and MTBE in multiple wells. MW-3, 1,644 ug/L BTEX, 68 ug/L MTBE. MW4, 392 ug/L BTEX, 5 ug/L MTBE. MW-5, 875 ug/L BTEX, 77 ug/L MTBE. MW-9, 990 ug/L BTEX, 390 ug/L MTBE. MW-10, 1,040 ug/L BTEX, 90 ug/L MTBE. MW-11, 1,652 ug/L BTEX, 20 ug/L MTBE. MW-12, 1,240 ug/L BTEX, 7.7J ug/L MTBE. MW-13, 14,100 ug/L BTEX, <10 ug/L MTBE. 5/2/2012 - 1Q2012, 3/28/2012, by Antea Group. Groundwater samples were collected on 1/3/2012. High BTEX and MTBE in multiple wells. MW-2, 1,708 ug/L BTEX, <5.0 ug/L MTBE. MW-3, 2,074 ug/L BTEX, 160 ug/L MTBE. MW-4, 354 ug/L BTEX, 3.3J MTBE. MW-5, 1,236 ug/L BTEX, 25 ug/L MTBE. MW-9, 1,852 ug/L BTEX, 210 ug/L MTBE. MW-11, 142 ug/L BTEX, <2.5 ug/L MTBE. MW-12, 1,479 ug/L BTEX, 6.1 ug/L MTBE. MW-13, 12,500 ug/L BTEX, <5.0 ug/L MTBE. MW-17, 488 ug/L BTEX, 20 ug/L MTBE. 7/20/2012 - 2Q2012, 7/5/2012, by Antea Group. Groundwater samples were collected on April 16, 2012. The next sampling is scheduled for July 2012. MW-2, 2,085 BTEX, 5.4 MTBE. MW-3, 1,782 BTEX, 99 MTBE. MW-4, 264 BTEX, 19 MTBE. MW-5, 2,210 BTEX, 8.8 MTBE. MW-9, 2,082 BTEX, 310 MTBE. MW-10, 1,550 BTEX, 43 MTBE. MW-11, 407 BTEX, 6.2 MTBE. MW-12, 2,250 BTEX, 8.6 MTBE. MW-13, 4,430 BTEX, 6.1 MTBE. MW-17, 381 BTEX, 2.8 MTBE. Table with sulfate sampling is also attached. 11/30/2012 - 3Q2012, 9/27/2012, by Antea Group. The

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groundwater was sampled July 19, 2012. The next sampling will be in October 2012. MW-1, 145 BTEX, 18 MTBE. MW-2, 7,010 BTEX, <5.0 MTBE. MW-3, 147 BTEX, 3 MTBE. MW-4, 142 BTEX, 17 MTBE. MW-5, 54.9 BTEX, <0.5 MTBE. MW-9, 1,027 BTEX, 400 MTBE. MW-10, 2,170 BTEX, 62 MTBE. MW-11, 239 BTEX, 5.2 MTBE. MW-12, 1,376 BTEX, 4.1J MTBE. MW-13, 3,610 BTEX, <5.0 MTBE. MW-17, 638 BTEX, <2.5 MTBE. 3/29/2013 - 4Q2012, 12/27/2012, by Antea Group. The groundwater was sampled on 10/26/2012. The next sampling will be in 1/2013. MW-2, 5,750 BTEX, 6.1 MTBE. MW-3, 435 BTEX, 150 MTBE. MW-4, 105 BTEX, 12 MTBE. MW-5, 663 BTEX, <0.5 MTBE. MW-9, 1,008 BTEX, 240 MTBE. MW-10, 1,598 BTEX, 87 MTBE. MW-11, 31.2 BTEX, 2.1 MTBE. MW-12, 516 BTEX, <2.5 MTBE. MW-13, 13,960 BTEX, <5.0 MTBE. MW-15, 3.0 BTEX, 10 MTBE.

Remarks: contaminated soil discovered from samples

Material:

Site ID:	196822
Operable Unit ID:	842985
Operable Unit:	01
Material ID:	2099354
Material Code:	2645A
Material Name:	BTEX
Case No.:	Not reported
Material FA:	Oxygenates
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	196822
Operable Unit ID:	842985
Operable Unit:	01
Material ID:	533080
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	196822
Operable Unit ID:	842985
Operable Unit:	01
Material ID:	2099353
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True

Tank Test:

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Facility ID:	0402082
DER Facility ID:	215665
Facility Type:	ER
Site ID:	264646
DEC Region:	2
Spill Date:	5/25/2004
Spill Number/Closed Date:	0402082 / 5/26/2004
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	5/25/2004
CID:	403
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/25/2004
Spill Record Last Update:	10/14/2004
Spiller Name:	BART
Spiller Company:	Not reported
Spiller Address:	FLUSHING/TOMPKINS
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	BART
Contact Phone:	(516) 545-5511
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "K FOLEY"5/25/04 Amoco station adjacent to excavation. Keyspan will manifest and remove soil they pulled but will not go to clean endpoints. (notes from Sangesland)5/25/04 Bart Polizotti(Keyspan) confirmed address of Amoco station as 655 Flushing Ave at Tompkins Ave, not Thompson. See Amoco spill #0104597. (KMF)5/26/04 Site visit with J. Sun. Keyspan contractor, Hallen, trenching along Flushing Avenue and around Harrison St. No odors detected from trench while on-site. No water in excavation. Contractor from Hallen stated contamination was spotty. Will be hiring Miller Environmental to remove and dispose of contaminated soil. While on site, attempted to locate the monitoring wells put in by Delta to address spill #0104597. MW-5 and MW-7 were possibly under plates. Contractor stated that they did not remove any wells. Two Pfizer buildings, one located across Flushing Ave and one across Bartlett St. The one on Bartlett has a Charter School and playground area south of school. Remediation work to be done under spill #0104597.
Remarks:	gas construction crew installing 300 feet of gas line noticed odor of gasoline in the soil they excavated.

Material:

Site ID:	264646
Operable Unit ID:	885937
Operable Unit:	01
Material ID:	493265

AMOCO (Continued) **S105141059**

Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	8401982
DER Facility ID:	215665
Facility Type:	ER
Site ID:	196823
DEC Region:	2
Spill Date:	10/26/1984
Spill Number/Closed Date:	8401982 / 2/27/2003
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	Not reported
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/10/1986
Spill Record Last Update:	10/19/2004
Spiller Name:	Not reported
Spiller Company:	AMOCO
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "VOUGHT"K. O'Dowd Notes:Old PIN job. Synopsis from ISR. 8 monitoring wells. Avg DTW 6'bgs. Quarterly sampling. Big file in field office.09/25/95: PIN-4393 - ASSIGNED TO CHRIS FOR TRACKING PURPOSES.Benzene concentrations:4/96 MW-1 1600ppb MW-2 1100ppb MW-3 6400ppb MW-4 110ppb7/96 MW-1 990ppb MW-2 830ppb MW-3 4400ppb MW-4 470ppb10/96 MW-1 1400ppb MW-2 960ppb MW-3 5600ppb MW-4 210ppb1/97 MW-1 1200ppb MW-2 1800ppb MW-3 6800ppb MW-4 66ppb4/97 MW-1 1400ppb MW-2 1300ppb MW-3 8400ppb MW-4 100ppb8/97 MW-1 700ppb MW-2 1200ppb MW-3 5800ppb MW-4 300ppb TW-1 330ppb TW-2 730ppb TW-3 280ppb TW-4

AMOCO (Continued) **S105141059**

87ppb8/4/97 Spoke with Keith Butler, Baltec (914-273-2626). He will be looking to install 2 additional wells. May want to use peroxide injection in future. Told him we need to get some past history on the site.8/9/97 Spoke with K. Butler. Found 4 additional MWs at site. Total of 8 wells. Therefore he feels it is delineated well. Instead of peroxide, he will likely use ORC socks.8/20/97 While on site to investigate optimal locations for additional MWs, Baltec located 4 existing tank mat wells. The wells were designated TW-1, TW-2, TW-3 and TW-4.8/25/97 At this sampling event, it was determined that all tank mat wells required redevelopment. They contain approx 2' silt, which is likely clogging the screened interval creating lower hydraulic conductivity across screen. This may explain BTEX depression around TW-1 and TW-2. In order to further delineate the soil/GW quality across site and to obtain more accurate understanding of GW flow pathways, Baltec intends to install one additional onsite MW in the NE corner of the site. Baltec will also redevelop TW-1 through TW-4 during the 4th quarter.10/20/97 Voicemail from K. Butler. Old MWs were damaged. Would like to install additional wells.10/21/97 Installed one additional well on NE corner(Harrison St & Flushing Ave.). Noticed three more wells offsite (2 on sidewalk across street on Bartlett St and 1 across street on Flushing Ave.) Wells are fine, tied in and surveyed. GW flow direction is NE.02/27/2003-AUSTIN As per directive to close out spills with no recent history,close out. 3/14/03 REASSIGNED FROM TOMASELLO TO VOUGHT. 12/3/03 Reassigned from Vought to Foley. See spill #0104597.

Remarks: Not reported

Material:

Site ID:	196823
Operable Unit ID:	894338
Operable Unit:	01
Material ID:	482068
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F39 **BP WEST COAST PRODUCTS LLC - BP 36714** **RCRA-SQG** **1015754391**
WSW **655 FLUSHING AVE** **NYR000198119**
< 1/8 **BROOKLYN, NY 11206**
0.062 mi.
328 ft. **Site 6 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	12/20/2012
Facility name:	BP WEST COAST PRODUCTS LLC - BP 36714
Facility address:	655 FLUSHING AVE BROOKLYN, NY 11206
EPA ID:	NYR000198119
Mailing address:	PO BOX 80249

BP WEST COAST PRODUCTS LLC - BP 36714 (Continued) **1015754391**

RANCHO SANTA MARGARITA, CA 92668
Contact: MARK OKAMOTO
Contact address: PO BOX 6038
ARTESIA, CA 90702
Contact country: US
Contact telephone: (723) 743-0901
Contact email: MARK.OKAMOTO@BP.COM
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: BP WEST COAST PRODUCTS LLC
Owner/operator address: PO BOX 6038
ARTESIA, CA 90702
Owner/operator country: US
Owner/operator telephone: (714) 670-3928
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/13/1970
Owner/Op end date: Not reported

Owner/operator name: BP WEST COAST PRODUCTS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/13/1970
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

BP WEST COAST PRODUCTS LLC - BP 36714 (Continued) **1015754391**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

F40 **EDR US Hist Auto Stat** **1015592232**
WSW **655 FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.062 mi.
328 ft. **Site 7 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name: 655 FLUSHING AVE GAS STATION INCORPORATED
Year: 2000
Address: 655 FLUSHING AVE

Name: 655 FLUSHING AVE GAS STATION INC
Year: 2001
Address: 655 FLUSHING AVE

Name: 655 FLUSHING AVE GAS STATION INC
Year: 2002
Address: 655 FLUSHING AVE

Name: 655 FLUSHING AVE GAS STATION
Year: 2003
Address: 655 FLUSHING AVE

Name: AMOCO GAS STATION
Year: 2007
Address: 655 FLUSHING AVE

Name: AMOCO GAS STATION
Year: 2009
Address: 655 FLUSHING AVE

Name: BP AMOCO
Year: 2010
Address: 655 FLUSHING AVE

F41 **TRANSFORMER VAULT 1473** **NY Spills** **S108294915**
WSW **2 TOMPKINS AVE AT FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.062 mi.
329 ft. **Site 8 of 8 in cluster F**

Relative:
Lower

Actual:
13 ft.

SPILLS:
Facility ID: 0607919
DER Facility ID: 321502
Facility Type: ER

TRANSFORMER VAULT 1473 (Continued) **S108294915**

Site ID:	371760
DEC Region:	2
Spill Date:	10/11/2006
Spill Number/Closed Date:	0607919 / 2/16/2007
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	10/11/2006
CID:	78
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/12/2006
Spill Record Last Update:	2/16/2007
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	999
Contact Name:	ERTS
Contact Phone:	(212) 580-8383
DEC Memo:	02/16/07 - See e-docs for Con Ed report detailing cleanup and closure.202864. see eDocs
Remarks:	clean up pending transformer removalrefernce #202864

Material:

Site ID:	371760
Operable Unit ID:	1129513
Operable Unit:	01
Material ID:	2119181
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G42 **LOT 39,TAXBLOCK 2269** **NY E DESIGNATION** **S110242403**
North **57 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.064 mi.
339 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C2
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JENO GELB
Lot Area:	000002500
Total Building Floor Area:	00000004125
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00006
Non and Residential Units:	00006
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 39,TAXBLOCK 2269 (Continued) **S110242403**

Basement Type Grade:	5
Land Assessed Value:	00000001593
Total Assessed Value:	00000018564
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.65
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690039
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999109
Y Coordinate:	0194850
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 39,TAXBLOCK 2269 (Continued) **S110242403**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C2
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JENO GELB
Lot Area:	000002500
Total Building Floor Area:	00000004125
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00006
Non and Residential Units:	00006
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000001593
Total Assessed Value:	00000018564
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.65
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690039
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999109
Y Coordinate:	0194850
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 39,TAXBLOCK 2269 (Continued) **S110242403**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	C2
Land Use Category:	02
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	JENO GELB
Lot Area:	000002500
Total Building Floor Area:	00000004125
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	003.00
Residential Units:	00006
Non and Residential Units:	00006
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0055.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 39,TAXBLOCK 2269 (Continued) **S110242403**

Basement Type Grade:	5
Land Assessed Value:	00000001593
Total Assessed Value:	00000018564
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.65
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690039
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999109
Y Coordinate:	0194850
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

D43 **DEPT. OF HOUSING** **NY Spills** **S109059193**
NW **37 TO 39 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.067 mi.
356 ft. **Site 14 of 14 in cluster D**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	0411736
DER Facility ID:	272266
Facility Type:	ER
Site ID:	336926
DEC Region:	2
Spill Date:	2/2/2005
Spill Number/Closed Date:	0411736 / 6/26/2008
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2/2/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other

DEPT. OF HOUSING (Continued) **S109059193**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/2/2005
Spill Record Last Update:	6/26/2008
Spiller Name:	WALTER ROBERTS
Spiller Company:	DEPT. OF HOUSING
Spiller Address:	37 TO 39 BARTLETT STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	WALTER ROBERTS
Contact Phone:	(212) 863-8482
DEC Memo:	3/29/05 - Austin - Previoisly unassigned spill report; reassigned to Austin for transfer to Central Office09/16/05- Spoke to Wahid Khan. Will send in the report once the NYC dept of housing has reviewed the report.04/06- Haven't heard back from Khan on the closure report. refer back to Region 2 - S. Scharf10/11/06 - Austin - Reassigned from Central Office staff to Ketani, for follow up and closure - end10/12/06 - Raphael Ketani. The site consists of two lots on the same block. 37 Bartlett Street is block and lot 2269 and 49. 39 Bartlett Street is block and lot 2269 and 48.I tried calling Walter Roberts at the NYC HPD (212) 863-8482, but got the answering machine for a woman. I left a message anyway. I tried calling Wahid Khan (973) 338-6680, but found out he didn't work at Earth Tech anymore. I was transfered to Ahmit Haryani (ext 218) who said that the project manager at the time was Mike Thiagaram (973) 337-4242. He said that he thought the contract with HPD was completed, as well as the cleanup work. He said this because HPD paid Earth Tech and this doesn't happen unless the closure report is written and submitted and accepted. Mr. Haryani said that Mr. Thiagaram will call me back.12/22/06 - Raphael Ketani. I tried to contact Mr. Thiagaram, but could only leave a voice mail. I contacted Mr. Haryani and he apologized for having not sent the documentation. He said that Earth Tech had been paid, and the HPD had reviewed the cleanup report and had approved it. He said he will look into the matter and he will work to get me the documentation to close the case.4/11/07 - Raphael Ketani. I contacted Mr. Haryani and asked him whether he was able to get the closure report. He said "No" and directed me to call Shampa Chanda of HPD at (212) 863-6364.I spoke to Ms. Chanda. She said the person I should talk to is John Gerrity (212) 863-8052. She said he would know where the report is or its disposition. Ms. Chanda said he will get back to me.7/26/07 - Raphael Ketani. I tried to contact Mr. Gerrity, but could only leave a message.10/18/07 - Raphael Ketani. I contacted Mr. Gerrity regarding the tank failure. He said that he had the data concerning the failure and its cleanup in a much larger report of about 265 pages that concerned the cleanup of the entire 4B property on which the building was situated. He said that the property was adjacent to 2 superfund sites, one of which is the former Pfizer plant. He said that an EIS was written for the rezoning. The rezoning is taking place this December. He said he will send me the full report. Mr. Gerrity added that there is no need for a PBS registration as there are only two 275 gal. tanks. 12/5/07 - Raphael Ketani. I tried to contact Mr. Gerrity, but could only leave a message.12/12/07 - Raphael Ketani. I tried to contact Mr. Gerrity,

DEPT. OF HOUSING (Continued) **S109059193**

but oculd only leave a message.12/19/07 - Raphael Ketani. I tried to contact Mr. Gerrity, but found out that he had moved. His new number is (212) 863-6539. I left a message for him to call me.12/28/07 - Raphael Ketani. Mr. Gerrity called to say that he is still working on getting me a copy of the report for the tanks and the site. He said that there still are elevated levels of contaminants in the soil. He added that the contaminated soil will be removed when the site is developed for housing. 2/13/08 - Raphael Ketani. I spoke to Mr. Gerrity of HPD (212) 863-6539. I asked him for the report. He said he will e-mail the SIR to me right now. I asked him when the residual contamination will be cleaned up. He said that a Letter of Designation was sent to the developer. The developer now has to prepare an application for low income housing. Then the application has to be approved and other paperwork has to follow. Mr. Gerrity said that the whole process may take two years. I told him that DEC Spills can't wait two years for the site to be cleaned up. Mr. Gerrity said that he can't order a dig out of the contamination as that is a capital project. An environmental review has to take place and the go ahead has to be given for a capital project. Then the money gets funded. Right now, HPD doesn't have that much money set aside for this project. He said that they may be able to do soil treatment. I told him that soil treatment may work. I printed out the Draft Phase II SIR, but not all of the laboratory analytical pages (Appendix E) as there were too many to print out on the group printer. I did print all of the pages before and after Appendix E. 2/14/08 - Raphael Ketani. I finished my review of the 7/14/05 Draft Phase II - Site Investigation Report (SIR). The only comments I would make are that the soil analytical results for 10 of the test pits at the site had unusually high concentrations of SVOCs. These were the same SVOCs in almost all of the cases - the benzo series analytes and their combustion products, plus fluorene, phenanthrene, and pyrene. Naphthalene was either non-detect or very low in concentration, suggesting that the contaminants are not oil derived, but either ash or cinders. The site has a history of development and commercial activity from at least the late 1800s, according to the SIR.I tried to contact Mr. Gerrity (212) 863-6539 regarding which tank was mentioned in the report that had the tank failure, but I could only leave a message. I also intend to discuss the source of the high SVOCs in the test pit soils as there are no borings log descriptions.3/13/08 - Raphael Ketani. After checking with the NYC Property Tax database, I have concluded that this site (37 and 39 Bartlett Street) is not part of Site 4B and that I have the wrong report. The block is the same (2269), but it is the eastern half of the block. What I probably need is the report for site 4A! This is the western half of block 2269. I tried to contact Mr. Gerrity, but could only leave a message. I checked the PBS database and didn't find a record for either address.3/31/08 - Raphael Ketani. I tried to contact Mr. Gerrity, but could only leave a message.4/11/08 - Raphael Ketani. I tried to contact Mr. Gerrity, but could only leave a message with his secretary. She said she will let him know I called regarding site 4A.4/30/08 - Raphael Ketani. I tried to contact Mr. Gerrity, but could only leave a message.Mr. Gerrity called me back. He said that he appoligized for not sending the Site 4A report. He said that he has it and he will have a copy hand delivered to DEC this week.6/17/08 - Raphael Ketani. Today I received the Site 4A Draft Phase II - Site Investigation Report produced by Earth Tech and dated July 14, 2005. This is the correct report for this site, not

DEPT. OF HOUSING (Continued) **S109059193**

the Site 4B report.6/26/08 - Raphael Ketani. I reviewed the Site 4A Draft Phase II. The soil analyticals for Test Pits TP-10 to TP-18 (lots 48 and 49) were mostly non-detect or below TAGM RSCO limits. Groundwater contamination was not elevated for these lots, nor were the soil analyticals for the tank graves (USTs 3 and 6) significant.Based upon the soil and groundwater analyticals in the Site 4A Draft Phase II, I am closing the spill case.

Remarks: FOUND HOLES AND CONTAMINATED SOIL:

Material:

Site ID:	336926
Operable Unit ID:	1098922
Operable Unit:	01
Material ID:	579221
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H44 **HARRISON/YORKTOWN/ACE RAPID DRYCLEANERS** **NY DRYCLEANERS** **S106435386**
West **209 HARRISON AVENUE #A** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.071 mi.
374 ft. **Site 1 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

DRYCLEANERS:

Facility ID:	2-6104-00956
Phone Number:	718-486-9164
Region:	Not reported
Registration Effective Date:	8/5/2005
Inspection Date:	07SEP17
Install Date:	-/05
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

H45 **EDR US Hist Cleaners** **1015016159**
West **209 HARRISON AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.071 mi.
374 ft. **Site 2 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

EDR Historical Cleaners:

Name:	HARRISON DRY CLEANERS
Year:	2006
Address:	209 HARRISON AVE

(Continued) **1015016159**

Name: HARRISON DRY CLEANERS
Year: 2007
Address: 209 HARRISON AVE

Name: HARRISON DRY CLEANERS
Year: 2008
Address: 209 HARRISON AVE

Name: HARRISON DRY CLEANERS
Year: 2009
Address: 209 HARRISON AVE

Name: HARRISON DRY CLEANERS
Year: 2010
Address: 209 HARRISON AVE

Name: HARRISON DRY CLEANERS
Year: 2011
Address: 209 HARRISON AVE

Name: HARRISON DRY CLEANERS
Year: 2012
Address: 209 HARRISON AVE

H46 **ACE RAPID CLEANERS** **RCRA NonGen / NLR** **1000129464**
West **209 HARRISON AVE** **NY MANIFEST** **NYD045446994**
< 1/8 **BROOKLYN, NY 11206** **US AIRS**
0.071 mi.
374 ft. **Site 3 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: ACE RAPID CLEANERS
Facility address: 209 HARRISON AVE
BROOKLYN, NY 11206
EPA ID: NYD045446994
Mailing address: HARRISON AVE
BROOKLYN, NY 11206
Contact: Not reported
Contact address: HARRISON AVE
BROOKLYN, NY 11206
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HAROLD GREENSTEIN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

ACE RAPID CLEANERS (Continued) **1000129464**

Owner/Op end date: Not reported

Owner/operator name: HAROLD GREENSTEIN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: ACE RAPID CLEANERS
Classification: Not a generator, verified

Date form received by agency: 04/05/1995
Facility name: ACE RAPID CLEANERS
Classification: Not a generator, verified

Date form received by agency: 12/24/1985
Facility name: ACE RAPID CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYD045446994
Country: USA
Mailing Name: ACE RAPID CLNRS
Mailing Contact: ACE RAPID CLNRS
Mailing Address: 209 HARRISON AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-388-1218

ACE RAPID CLEANERS (Continued) **1000129464**

Document ID:	NYA8624316
Manifest Status:	Completed copy
Trans1 State ID:	NY16549GW
Trans2 State ID:	Not reported
Generator Ship Date:	880113
Trans1 Recv Date:	880113
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880113
Part A Recv Date:	880120
Part B Recv Date:	880122
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9006579
Manifest Status:	Completed copy
Trans1 State ID:	NYAM6252
Trans2 State ID:	Not reported
Generator Ship Date:	880818
Trans1 Recv Date:	880818
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880818
Part A Recv Date:	880823
Part B Recv Date:	880823
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9826266
Manifest Status:	Completed copy
Trans1 State ID:	AY9381NY
Trans2 State ID:	Not reported
Generator Ship Date:	891107
Trans1 Recv Date:	891107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891107
Part A Recv Date:	891115

ACE RAPID CLEANERS (Continued) **1000129464**

Part B Recv Date:	891115
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NYA9834658
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891207
Trans1 Recv Date:	891207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891207
Part A Recv Date:	891211
Part B Recv Date:	891218
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NYC0307809
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900529
Trans1 Recv Date:	900529
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900529
Part A Recv Date:	900724
Part B Recv Date:	900606
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001

ACE RAPID CLEANERS (Continued) **1000129464**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0707321
Manifest Status:	Completed copy
Trans1 State ID:	AT8756NY
Trans2 State ID:	Not reported
Generator Ship Date:	910129
Trans1 Recv Date:	910129
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910129
Part A Recv Date:	910208
Part B Recv Date:	910213
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC0641169
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	910425
Trans1 Recv Date:	910425
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910425
Part A Recv Date:	910502
Part B Recv Date:	910508
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1085174
Manifest Status:	Completed copy
Trans1 State ID:	AY9381NY

ACE RAPID CLEANERS (Continued) **1000129464**

Trans2 State ID:	Not reported
Generator Ship Date:	910717
Trans1 Recv Date:	910717
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910717
Part A Recv Date:	910725
Part B Recv Date:	910726
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1131669
Manifest Status:	Completed copy
Trans1 State ID:	LP3931NY
Trans2 State ID:	Not reported
Generator Ship Date:	910815
Trans1 Recv Date:	910815
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910815
Part A Recv Date:	910823
Part B Recv Date:	910822
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYC1864023
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	921013
Trans1 Recv Date:	921013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921013
Part A Recv Date:	921104
Part B Recv Date:	921028
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408

ACE RAPID CLEANERS (Continued) **1000129464**

Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1937507
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	921111
Trans1 Recv Date:	921111
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921111
Part A Recv Date:	921124
Part B Recv Date:	921120
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NYC1801607
Manifest Status:	Completed copy
Trans1 State ID:	HW8207NY
Trans2 State ID:	Not reported
Generator Ship Date:	920818
Trans1 Recv Date:	920818
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920818
Part A Recv Date:	Not reported
Part B Recv Date:	920827
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

ACE RAPID CLEANERS (Continued) **1000129464**

Year: 92

Document ID: NYA3291827
Manifest Status: Completed copy
Trans1 State ID: IL009
Trans2 State ID: Not reported
Generator Ship Date: 861024
Trans1 Recv Date: 861024
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861024
Part A Recv Date: 861103
Part B Recv Date: 861031
Generator EPA ID: NYD045446994
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00480
Units: P - Pounds
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NYA8902091
Manifest Status: Completed copy
Trans1 State ID: NYAM6252
Trans2 State ID: Not reported
Generator Ship Date: 880624
Trans1 Recv Date: 880624
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880624
Part A Recv Date: 880630
Part B Recv Date: 880706
Generator EPA ID: NYD045446994
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD980785760
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00070
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA8731629
Manifest Status: Completed copy
Trans1 State ID: NY16549GW
Trans2 State ID: Not reported
Generator Ship Date: 880302
Trans1 Recv Date: 880302

ACE RAPID CLEANERS (Continued) **1000129464**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880302
Part A Recv Date:	880310
Part B Recv Date:	880309
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00140
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA8787802
Manifest Status:	Completed copy
Trans1 State ID:	NY16549GW
Trans2 State ID:	Not reported
Generator Ship Date:	880428
Trans1 Recv Date:	880428
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880428
Part A Recv Date:	880504
Part B Recv Date:	880502
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA8831979
Manifest Status:	Completed copy
Trans1 State ID:	NY16549GV
Trans2 State ID:	Not reported
Generator Ship Date:	880526
Trans1 Recv Date:	880526
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880526
Part A Recv Date:	880603
Part B Recv Date:	880601
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

ACE RAPID CLEANERS (Continued) **1000129464**

Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA8960185
Manifest Status:	Completed copy
Trans1 State ID:	LP3931
Trans2 State ID:	Not reported
Generator Ship Date:	880727
Trans1 Recv Date:	880727
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880727
Part A Recv Date:	880802
Part B Recv Date:	880802
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9394121
Manifest Status:	Completed copy
Trans1 State ID:	AY9381NY
Trans2 State ID:	Not reported
Generator Ship Date:	890330
Trans1 Recv Date:	890330
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890330
Part A Recv Date:	890405
Part B Recv Date:	890404
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

ACE RAPID CLEANERS (Continued) **1000129464**

Document ID:	NYA9299441
Manifest Status:	Completed copy
Trans1 State ID:	LP3931
Trans2 State ID:	Not reported
Generator Ship Date:	890202
Trans1 Recv Date:	890202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890202
Part A Recv Date:	890207
Part B Recv Date:	890213
Generator EPA ID:	NYD045446994
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980785760
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Click this hyperlink while viewing on your computer to access
54 additional NY_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110004456589
Plant name:	HARRISON DRY CLEANERS
Plant address:	209 HARRISON AVE BROOKLYN, NY 112065034
County:	KINGS
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	7216
Sic code desc:	DRYCLEANING PLANTS, EXCEPT RUG
North Am. industrial classf:	812320
NAIC code description:	Drycleaning and Laundry Services (except Coin-Operated)
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	Not reported
National action type:	Not reported
Date achieved:	Not reported
Penalty amount:	Not reported
Air program:	Not reported
National action type:	Not reported

ACE RAPID CLEANERS (Continued) **1000129464**

Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Air program: Not reported
National action type: Not reported
Date achieved: Not reported
Penalty amount: Not reported

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

ACE RAPID CLEANERS (Continued) **1000129464**

Hist compliance date: 1002
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201

ACE RAPID CLEANERS (Continued) **1000129464**

Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: MACT (SECTION 63 NESHAPS)

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: MACT (SECTION 63 NESHAPS)

Compliance & Violation Data by Minor Sources:
Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: SIP SOURCE
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: ATTAINMENT AREA FOR GIVEN POLLUTANT
Repeat violator date: Not reported
Turnover compliance: Not reported

Air program code: MACT (SECTION 63 NESHAPS)
Plant air program pollutant: Not reported
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Def. attainment/non attnmnt: UNCLASSIFIED
Repeat violator date: Not reported

ACE RAPID CLEANERS (Continued) **1000129464**

Turnover compliance: Not reported

H47 **LOT 3,TAXBLOCK 2272** **NY E DESIGNATION** **S110242384**
West **207 HARRISON AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.071 mi.
376 ft. **Site 4 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	3
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	FAYE INDUSTRIES CORP
Lot Area:	000004990
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00

LOT 3,TAXBLOCK 2272 (Continued) **S110242384**

Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000035550
Total Assessed Value:	00000035550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720003
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998914
Y Coordinate:	0194486
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	3
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 3,TAXBLOCK 2272 (Continued) **S110242384**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	FAYE INDUSTRIES CORP
Lot Area:	000004990
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000035550
Total Assessed Value:	00000035550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720003
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998914
Y Coordinate:	0194486
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 3,TAXBLOCK 2272 (Continued) **S110242384**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	3
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	FAYE INDUSTRIES CORP
Lot Area:	000004990
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00

LOT 3,TAXBLOCK 2272 (Continued) **S110242384**

Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000035550
Total Assessed Value:	00000035550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022720003
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998914
Y Coordinate:	0194486
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

H48 **BARTLETT ST & HARRISON** **NY Spills** **S106014127**
West **BARTLETT STREET/HARRISON** **N/A**
< 1/8 **BROOKLYN, NY**
0.073 mi.
385 ft. **Site 5 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0330009
DER Facility ID:	59300
Facility Type:	ER
Site ID:	60814
DEC Region:	2
Spill Date:	5/16/2003
Spill Number/Closed Date:	0330009 / 5/16/2003
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	5/16/2003
CID:	Not reported

BARTLETT ST & HARRISON (Continued) **S106014127**

Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/19/2003
Spill Record Last Update:	5/19/2003
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"No Action taken.
Remarks:	Anonomous caller reports School bus leaking diesel and oil at the intersection of Bartlett Street and Harrison in Brooklyn

Material:

Site ID:	60814
Operable Unit ID:	881429
Operable Unit:	01
Material ID:	496509
Material Code:	0013
Material Name:	Lube Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	60814
Operable Unit ID:	881429
Operable Unit:	01
Material ID:	496507
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H49 **MANHOLE #73645** **NY Spills** **S106969804**
West **HARRISON AVE NEAR BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.073 mi.
385 ft. **Site 6 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0504634
DER Facility ID:	295936
Facility Type:	ER
Site ID:	349511
DEC Region:	2
Spill Date:	7/17/2005
Spill Number/Closed Date:	0504634 / 9/23/2005
Spill Cause:	Unknown
Spill Class:	Known release that creates a file or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
SWIS:	2401
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	7/18/2005
CID:	407
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/18/2005
Spill Record Last Update:	9/23/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN ATTHIS TIME
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	ERT DESK'
Contact Phone:	(212) 580-8383
DEC Memo:	159806. 7/17/2005 20:10 HRS. E. WILLIAMS #56346, O/S WITH ENVIRONMENTAL OPS, REPORTS WHILE ON LOCATION TO FLUSH MANHOLE FOR UNDERGROUND PLANNING (ACCT # C7515) AT 20:00 HRS. FOUND APPROX. 1 PINT UNKNOWN OIL ON APPROX. 70 GAL WATER IN MH-73645. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATE PROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV STOP TAG 48268 PLACED. LIQUID SAMPLE TAKEN. CHAIN OF CUSTODY FORM DD-11375 MARKED FOR "E" PRIORITY TURNAROUND 24-HOUR DEMINIMIS. CLEANUP PENDING PCB RESULTS FROM CHEM LAB. W. WAINWRIGHT #17344 UPDATE 7-18-05 06:30 HRS LAB SEQ# 05-07285-001 <1.0 PPM.UPDATE 7/18/05 12:55 HRS ENV OPS FERNANDEZ REPORTS THE STRUCTURE WAS DOUBLE WASHED WITH BIO-GEN 760, A SEALED SUMP WAS FOUND, AND THE ENV TAG REMAINS IN PLACE DUE TO ROCKS AND WOOD IN STRUCTURE TO BE REMOVED BY ENV OPS ON THE NEXT SHIFT. J ANDERSONUPDATE: 7/18/05 - 1815. D. LICHTENSTEIN - ENV. OPS., REPORTS VEHICLE HAS LOST SUCTION. HE WILL HAVE TO DRIVE BACK TO THE 3RD AVE YD, DUMP HIS TRUCK, TURN IT IN AND PICK UP ANOTHER VEHICLE TO COMPLETE THIS JOB. OTHER CREWS ARE BUSY WITH #9 AND THE FOD. THERE IS NOT ENOUGH TIME TO FINISH THIS JOB WITHIN THE 24 HR TIME LIMIT. THIS INCIDENT IS NOW OFF THE 24 HR CLOCK. TJ - 50495.UPDATE: 7/19/05 -

MANHOLE #73645 (Continued) **S106969804**

0250. D. LICHTENSTEIN - 08078 - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. SUMP FOUND SEALED. NO DRAINS. TAG # 48266 REMOVED. TJ - 50495.Closed. 9-23-05. GB

Remarks: Amount is 1 pint in 70 gallons of water no to the 5 ?'s, taken off of 24 hour program, con ed #159806

Material:

Site ID:	349511
Operable Unit ID:	1107109
Operable Unit:	01
Material ID:	2097005
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

I50 **ROADWAY** **NY Spills** **S109060663**
NE **THROUGHP AVE/WHIPPLE** **N/A**
< 1/8 **BROOKLYNN, NY**
0.074 mi.
393 ft. **Site 1 of 4 in cluster I**

Relative:
Higher

Actual:
16 ft.

SPILLS:

Facility ID:	0713265
DER Facility ID:	344535
Facility Type:	ER
Site ID:	394991
DEC Region:	2
Spill Date:	3/14/2008
Spill Number/Closed Date:	0713265 / 3/17/2008
Spill Cause:	Equipment Failure
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	3/14/2008
CID:	81
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/15/2008
Spill Record Last Update:	3/17/2008

ROADWAY (Continued) **S109060663**

Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: CATHY PERKINS
Contact Phone: (646) 772-8236
DEC Memo: Small roadway spill. closed.
Remarks: Has been cleaned up from roadway. May have entered sewer.

Material:
Site ID: 394991
Operable Unit ID: 1151938
Operable Unit: 01
Material ID: 2142705
Material Code: 1511A
Material Name: POWER STEERING FLUID
Case No.: Not reported
Material FA: Petroleum
Quantity: 1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

J51 **LOT 36,TAXBLOCK 2269** **NY E DESIGNATION** **S110242398**
North **63 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.074 mi.
393 ft. **Site 1 of 8 in cluster J**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:
Tax Lot(s): 36
E-No: E-238
Effective Date: 12/22/2009
Satisfaction Date: Not reported
Ceqr Number: 09HPD019K
Ulurp Number: 090413ZMK
Zoning Map No: 13b
Description: Exhaust stack location limitations
Borough Code: BK
Community District: 301
Census Tract: 507
Census Block: 2001
School District: 14
City Council District: 33
Fire Company: E230
Health Area: 30
Police Precinct: 090
Zone District 1: M1-2
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported

LOT 36,TAXBLOCK 2269 (Continued) **S110242398**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000056250
Total Assessed Value:	00000056250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690036
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999147
Y Coordinate:	0194881
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 36,TAXBLOCK 2269 (Continued) **S110242398**

Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	36
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N

LOT 36,TAXBLOCK 2269 (Continued) **S110242398**

Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000056250
Total Assessed Value:	00000056250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690036
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999147
Y Coordinate:	0194881
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

I52 **EDR US Hist Auto Stat** **1015197535**
ENE **128 THROOP AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.076 mi.
402 ft. **Site 2 of 4 in cluster I**

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name:	GUIDOS AUTO CARS
Year:	2001
Address:	128 THROOP AVE
Name:	GUIDOS AUTO CARS
Year:	2002
Address:	128 THROOP AVE
Name:	GUIDOS AUTO CARS
Year:	2003
Address:	128 THROOP AVE
Name:	ECUA AUTO COLLISION
Year:	2004
Address:	128 THROOP AVE
Name:	GIUDOS AUTO CAR

(Continued) **1015197535**

Year: 2005
Address: 128 THROOP AVE

Name: THROOP AUTO REPAIR INC
Year: 2008
Address: 128 THROOP AVE

Name: GUIDOS AUTO CARS
Year: 2010
Address: 128 THROOP AVE

Name: GUIDOS AUTO
Year: 2011
Address: 128 THROOP AVE

Name: GUIDOS AUTO
Year: 2012
Address: 128 THROOP AVE

I53 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S106703168**
ENE **113 THROOP AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.078 mi.
411 ft. **Site 3 of 4 in cluster I**

Relative:
Higher

Actual:
17 ft.

LTANKS:
Site ID: 102990
Spill Number/Closed Date: 8707623 / 3/4/2003
Spill Date: 12/5/1987
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 12/5/1987
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/7/1987
Spill Record Last Update: 3/14/2003
Spiller Name: Not reported
Spiller Company: ALL SAINTS SCHOOL
Spiller Address: 113 THROOP AVE
Spiller City,St,Zip: BROOKLYN, NY 11206
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 91146

CLOSED-LACKOF RECENT INFO (Continued) **S106703168**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED" / / : Action Unknown. 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report

Remarks: 2.5K TANK FAILED WITH A LEAK RATE OF -.402G/HR. CONTACT: SISTER DONNA MURPHY (718) 782-0569. 8/5/88 : L R =-0.14 GPH, 2.5K TANK FAILED RE-TEST,PETRO-TITE TANK ONLY.CLOSED DUE TO LACK OF ANY RECENT INFO-DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Material:

Site ID:	102990
Operable Unit ID:	911963
Operable Unit:	01
Material ID:	466561
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	102990
Spill Tank Test:	1532544
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

I54 **ALL SAINTS R C CHURCH** **NY UST U000405431**
ENE **115 THROOP AVE** **NY AST N/A**
< 1/8 **BROOKLYN, NY 11206**
0.078 mi.
413 ft. **Site 4 of 4 in cluster I**

Relative:
Higher

Actual:
17 ft.

UST:

Id/Status:	2-364673 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2003/01/07
UTM X:	589180.91891000001
UTM Y:	4506045.6227799999
Site Type:	School

Affiliation Records:

Site Id:	18493
Affiliation Type:	Facility Owner
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported

ALL SAINTS R C CHURCH (Continued) **U000405431**

Contact Name:	Not reported
Address1:	115 THROOP AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18493
Affiliation Type:	Mail Contact
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	115 THROOP AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18493
Affiliation Type:	On-Site Operator
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported
Contact Name:	ALL SAINTS R C CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18493
Affiliation Type:	Emergency Contact
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported
Contact Name:	ALL SAINTS R C CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

ALL SAINTS R C CHURCH (Continued) **U000405431**

Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	22628
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2800
Install Date:	06/01/1961
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	01
Date Test:	09/01/1988
Next Test Date:	09/01/1993
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	004
Tank ID:	22631
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	03/01/1985
Date Tank Closed:	09/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	01/01/1998

ALL SAINTS R C CHURCH (Continued) **U000405431**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G07 - Tank Secondary Containment - Excavation Liner
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-364673
Program Type: PBS
UTM X: 589180.91891000001
UTM Y: 4506045.6227799999
Expiration Date: 2003/01/07
Site Type: School

Affiliation Records:
Site Id: 18493
Affiliation Type: Facility Owner
Company Name: ALL SAINTS R C CHURCH
Contact Type: Not reported
Contact Name: Not reported
Address1: 115 THROOP AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 388-1951
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 18493
Affiliation Type: Mail Contact
Company Name: ALL SAINTS R C CHURCH
Contact Type: Not reported
Contact Name: Not reported
Address1: 115 THROOP AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 388-1951
EMail: Not reported

ALL SAINTS R C CHURCH (Continued) **U000405431**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18493
Affiliation Type:	On-Site Operator
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported
Contact Name:	ALL SAINTS R C CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	18493
Affiliation Type:	Emergency Contact
Company Name:	ALL SAINTS R C CHURCH
Contact Type:	Not reported
Contact Name:	ALL SAINTS R C CHURCH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-1951
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	002
Tank Id:	22629
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location: 6

ALL SAINTS R C CHURCH (Continued) **U000405431**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1956
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

Tank Number:	003
Tank Id:	22630
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1985
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

J55 **LOT 35,TAXBLOCK 2269** **NY E DESIGNATION** **S110242395**
North **65 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.078 mi.
414 ft. **Site 2 of 8 in cluster J**

Relative:
Higher

Actual:
15 ft.

E DESIGNATION:

Tax Lot(s):	35
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 35,TAXBLOCK 2269 (Continued) **S110242395**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000001385
Total Building Floor Area:	00000001350
Commercial Floor Area:	00000001350
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001350
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0054.00
Building Frontage:	0025.00
Building Depth:	0054.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000009720
Total Assessed Value:	00000022590
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000

LOT 35,TAXBLOCK 2269 (Continued) **S110242395**

Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.97
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690035
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999198
Y Coordinate:	0194897
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	35
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000001385
Total Building Floor Area:	00000001350

LOT 35,TAXBLOCK 2269 (Continued) **S110242395**

Commercial Floor Area:	00000001350
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001350
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0054.00
Building Frontage:	0025.00
Building Depth:	0054.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000009720
Total Assessed Value:	00000022590
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.97
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690035
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999198
Y Coordinate:	0194897
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

K56 **EDR US Hist Auto Stat** **1015210723**
ENE **134 THROOP AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.080 mi.
424 ft. **Site 1 of 5 in cluster K**

Relative:
Higher

Actual:
17 ft.

EDR Historical Auto Stations:

Name:	CWC GENERAL AUTO REPAIR CORP
Year:	2004
Address:	134 THROOP AVE
Name:	CWC GENERAL AUTO REPAIR CORP
Year:	2006
Address:	134 THROOP AVE
Name:	THROOP AUTO TECH INC
Year:	2009
Address:	134 THROOP AVE
Name:	TROOP AUTO TECH INC
Year:	2010
Address:	134 THROOP AVE
Name:	TROOP AUTO TECH INC
Year:	2011
Address:	134 THROOP AVE
Name:	TROOP AUTO TECH INC
Year:	2012
Address:	134 THROOP AVE

K57 **LOT 16,TAXBLOCK 2274** **NY E DESIGNATION** **S110242355**
ENE **134 THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.080 mi.
424 ft. **Site 2 of 5 in cluster K**

Relative:
Higher

Actual:
17 ft.

E DESIGNATION:

Tax Lot(s):	16
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #4 Fuel Oil for space heating and hot water systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported

LOT 16,TAXBLOCK 2274 (Continued) **S110242355**

Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	134 THROOP AVE REALTY
Lot Area:	000004451
Total Building Floor Area:	00000001440
Commercial Floor Area:	00000001440
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001440
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0080.00
Lot Depth:	0050.17
Building Frontage:	0060.00
Building Depth:	0024.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000029700
Total Assessed Value:	00000036495
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740016
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999565
Y Coordinate:	0194518
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005

LOT 16,TAXBLOCK 2274 (Continued) **S110242355**

Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	16
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	134 THROOP AVE REALTY
Lot Area:	000004451
Total Building Floor Area:	00000001440
Commercial Floor Area:	00000001440
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001440
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0080.00
Lot Depth:	0050.17
Building Frontage:	0060.00
Building Depth:	0024.00
Proximity Code:	0
Irregular Lot Code:	Y

LOT 16,TAXBLOCK 2274 (Continued) **S110242355**

Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000029700
Total Assessed Value:	00000036495
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740016
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999565
Y Coordinate:	0194518
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	16
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	1004
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 16,TAXBLOCK 2274 (Continued) **S110242355**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	134 THROOP AVE REALTY
Lot Area:	000004451
Total Building Floor Area:	00000001440
Commercial Floor Area:	00000001440
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001440
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0080.00
Lot Depth:	0050.17
Building Frontage:	0060.00
Building Depth:	0024.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000029700
Total Assessed Value:	00000036495
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.32
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022740016
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999565
Y Coordinate:	0194518
Zoning Map:	13B
Sanborn Map:	303 045
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 16,TAXBLOCK 2274 (Continued) **S110242355**

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

L58 **MANHOLE #997** **NY Spills** **S103938828**
WSW **FLUSHING AVE & DELMONACO** **N/A**
< 1/8 **BROOKLYN, NY**
0.085 mi.
451 ft. **Site 1 of 5 in cluster L**

Relative:
Lower

Actual:
13 ft.

SPILLS:
Facility ID: 9903465
DER Facility ID: 145373
Facility Type: ER
Site ID: 172742
DEC Region: 2
Spill Date: 6/25/1999
Spill Number/Closed Date: 9903465 / 10/20/1999
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: COMENALE
Referred To: Not reported
Reported to Dept: 6/25/1999
CID: 390
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/25/1999
Spill Record Last Update: 6/7/2000
Spiller Name: UNKNOWN
Spiller Company: UNKNOWN
Spiller Address: UNKNOWN
Spiller City,St,Zip: UNKNOWN, NY
Spiller Company: 999
Contact Name: MIKE CESARE
Contact Phone: (212) 580-6763
DEC Memo: Not reported
Remarks: CLEAN UP IS PENDING LAB RESULTSCON ED #125763

Material:
Site ID: 172742
Operable Unit ID: 1078064
Operable Unit: 01
Material ID: 303378
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 1

MANHOLE #997 (Continued) **S103938828**

Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

M59 **LOT 14,TAXBLOCK 2269** **NY E DESIGNATION** **S110242349**
NW **GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.086 mi.
455 ft. **Site 1 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	14
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000

LOT 14,TAXBLOCK 2269 (Continued) **S110242349**

Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000033840
Total Assessed Value:	00000033840
Land Exempt Value:	00000033840
Total Exempt Value:	00000033840
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690014
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998880
Y Coordinate:	0194784
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	14
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33

LOT 14,TAXBLOCK 2269 (Continued) **S110242349**

Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000033840
Total Assessed Value:	00000033840
Land Exempt Value:	00000033840
Total Exempt Value:	00000033840
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690014
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998880
Y Coordinate:	0194784

LOT 14,TAXBLOCK 2269 (Continued) **S110242349**

Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

H60 **PFIZER INC** **CORRACTS** **1000443177**
West **13 BARTLETT ST** **RCRA-LQG** **NYD001374214**
< 1/8 **BROOKLYN, NY 11206** **US MINES**
0.086 mi. **RAATS**
456 ft. **Site 7 of 9 in cluster H** **NY MANIFEST**

Relative:
Lower

Actual:
13 ft.

CORRACTS:

EPA ID:	NYD001374214
EPA Region:	02
Area Name:	SITEWIDE
Actual Date:	19940419
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD001374214
EPA Region:	02
Area Name:	SITEWIDE
Actual Date:	19920922
Action:	CA050 - RFA Completed
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

RCRA-LQG:

Date form received by agency:	03/04/2008
Facility name:	PFIZER INC
Facility address:	13 BARTLETT ST BROOKLYN, NY 11206
EPA ID:	NYD001374214
Mailing address:	RTE 206 NORTH PEAPACK, NJ 07977
Contact:	RUSSELL G DOWNEY
Contact address:	RTE 206 NORTH PEAPACK, NJ 07977
Contact country:	US
Contact telephone:	(908) 901-6079
Contact email:	Not reported
EPA Region:	02
Land type:	Private

PFIZER INC (Continued) **1000443177**

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: PFIZER INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1851
Owner/Op end date: Not reported

Owner/operator name: PFIZER INC
Owner/operator address: ROUTE 206 NORTH M/S 611
PEAPACK, NJ 07977
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1851
Owner/Op end date: Not reported

Owner/operator name: PFIZER INC
Owner/operator address: ROUTE 206 NORTH M/S 611
PEAPACK, NJ 07977
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1851
Owner/Op end date: Not reported

Owner/operator name: PFIZER INC
Owner/operator address: RTE 206 NORTH
PEAPACK, NJ 07977
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1851
Owner/Op end date: Not reported

Handler Activities Summary:

PFIZER INC (Continued) **1000443177**

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/03/2008
Facility name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 03/03/2008
Facility name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 01/01/2006
Facility name: PFIZER INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: PFIZER INC
Classification: Not a generator, verified

Date form received by agency: 03/01/1990
Facility name: PFIZER INC
Site name: PFIZER INC BROOKLYN PLANT
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: PFIZER INC
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: PFIZER INC
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D009
Waste name: MERCURY

Waste code: B007
Waste name: B007

Waste code: D009
Waste name: MERCURY

PFIZER INC (Continued) **1000443177**

Waste code: B007
Waste name: B007

Corrective Action Summary:
Event date: 09/22/1992
Event: RFA Completed

Event date: 04/19/1994
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/01/1987
Date achieved compliance: 06/01/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/01/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/24/1985
Date achieved compliance: 07/24/1985
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/30/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 3000
Paid penalty amount: 3000

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/01/1985
Date achieved compliance: 08/11/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General

PFIZER INC (Continued) **1000443177**

Date violation determined: 02/05/1985
Date achieved compliance: 08/11/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/05/1985
Date achieved compliance: 08/01/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/14/1984
Date achieved compliance: 08/20/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/31/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 10000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/09/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/01/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 06/01/1987
Evaluation lead agency: State

Evaluation date: 04/08/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported

PFIZER INC (Continued) **1000443177**

Evaluation lead agency: State

Evaluation date: 05/16/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/24/1985
Evaluation lead agency: EPA

Evaluation date: 03/28/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/01/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 08/11/1985
Evaluation lead agency: State

Evaluation date: 02/05/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/01/1985
Evaluation lead agency: State

Evaluation date: 02/05/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 08/11/1985
Evaluation lead agency: State

Evaluation date: 08/20/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 06/18/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/14/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/20/1984
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

US MINES:
Mine ID: 3000319

PFIZER INC (Continued) **1000443177**

SIC code(s): 99999 00000 00000 00000 00000 00000
Entity name: BROOKLYN
Company: PFIZER INC
State FIPS code: NY
County FIPS code: KINGS
Status: 1
Status date: 99999999
Operation Class: Non-mining
Number of shops: 0
Number of plants: 0
Latitude: 99 99 99
Longitude: 999 99 99

NY MANIFEST:
EPA ID: NYD001374214
Country: USA
Mailing Name: PFIZER INC BROOKLYN PLANT
Mailing Contact: HETTENBACH JR SEN PROC EN
Mailing Address: 11 BARTLETT ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: 5001
Mailing Country: USA
Mailing Phone: 212-573-1686

Document ID: NJA0040357
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJ-XF75KG
Trans2 State ID: Not reported
Generator Ship Date: 841213
Trans1 Recv Date: 841213
Trans2 Recv Date: Not reported
TSD Site Recv Date: 841213
Part A Recv Date: 841226
Part B Recv Date: 841227
Generator EPA ID: NYD001374214
Trans1 EPA ID: NJD089216790
Trans2 EPA ID: Not reported
TSDF ID: NJD089216790
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00250
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 84

Document ID: NJA0040358
Manifest Status: Completed copy
Trans1 State ID: NJ-XF75KG
Trans2 State ID: Not reported
Generator Ship Date: 841213

PFIZER INC (Continued) **1000443177**

Trans1 Recv Date:	841213
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	841213
Part A Recv Date:	841227
Part B Recv Date:	841227
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NJD089216790
Trans2 EPA ID:	Not reported
TSDF ID:	NJD089216790
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00025
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	84

Document ID:	NYA1557837
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	89851GCNY
Trans2 State ID:	Not reported
Generator Ship Date:	841018
Trans1 Recv Date:	841018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	841018
Part A Recv Date:	841114
Part B Recv Date:	841108
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	01000
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	CTA0015973
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	CT-HW-134
Trans2 State ID:	Not reported
Generator Ship Date:	850529
Trans1 Recv Date:	850529
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850529
Part A Recv Date:	850628
Part B Recv Date:	850613
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NJD099287484
Trans2 EPA ID:	Not reported
TSDF ID:	CTD001147495

PFIZER INC (Continued) **1000443177**

Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00825
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	015
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

Document ID:	NYA2022066
Manifest Status:	Completed copy
Trans1 State ID:	S10331-26
Trans2 State ID:	Not reported
Generator Ship Date:	871229
Trans1 Recv Date:	871229
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871230
Part A Recv Date:	880105
Part B Recv Date:	880111
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	04000
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	05600
Units:	P - Pounds
Number of Containers:	014
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00800
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYA6283368
Manifest Status:	Completed copy

PFIZER INC (Continued) **1000443177**

Trans1 State ID:	46623ANY
Trans2 State ID:	Not reported
Generator Ship Date:	870825
Trans1 Recv Date:	870825
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870826
Part A Recv Date:	870831
Part B Recv Date:	870901
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	02700
Units:	L
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00900
Units:	L
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	L
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	L
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYB2181015
Manifest Status:	Completed copy
Trans1 State ID:	NYGW8136
Trans2 State ID:	Not reported
Generator Ship Date:	891127
Trans1 Recv Date:	891127
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891127
Part A Recv Date:	891204
Part B Recv Date:	891211
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296

PFIZER INC (Continued) **1000443177**

Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	89

Document ID:	NJA0068494
Manifest Status:	Completed copy
Trans1 State ID:	NYJA026NJ
Trans2 State ID:	Not reported
Generator Ship Date:	850308
Trans1 Recv Date:	850308
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850308
Part A Recv Date:	850322
Part B Recv Date:	850315
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NJD089216790
Trans2 EPA ID:	Not reported
TSDF ID:	NJD089216790
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	01925
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	035
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00275
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	85

Document ID:	NYA2024658
Manifest Status:	Completed copy
Trans1 State ID:	NY89851-G
Trans2 State ID:	Not reported
Generator Ship Date:	850606
Trans1 Recv Date:	850606
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850606
Part A Recv Date:	850611
Part B Recv Date:	850614
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	05490

PFIZER INC (Continued) **1000443177**

Units:	P - Pounds
Number of Containers:	020
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	85

Document ID:	NYA2140065
Manifest Status:	Completed copy
Trans1 State ID:	S-10331
Trans2 State ID:	Not reported
Generator Ship Date:	880511
Trans1 Recv Date:	880512
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880517
Part A Recv Date:	880516
Part B Recv Date:	880526
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	04050
Units:	P - Pounds
Number of Containers:	010
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	02400
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

PFIZER INC (Continued) **1000443177**

Waste Code:	Not reported
Quantity:	00400
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	88

Document ID:	NYA7505712
Manifest Status:	Completed copy
Trans1 State ID:	S10331
Trans2 State ID:	P40249
Generator Ship Date:	900216
Trans1 Recv Date:	900216
Trans2 Recv Date:	900221
TSD Site Recv Date:	900222
Part A Recv Date:	900301
Part B Recv Date:	900312
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	ILD099202681
Trans2 EPA ID:	NYD049836679
TSDF ID:	NYD049836679
Waste Code:	F003 - UNKNOWN
Quantity:	04050
Units:	P - Pounds
Number of Containers:	009
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	04950
Units:	P - Pounds
Number of Containers:	011
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYB1407105
Manifest Status:	Completed copy
Trans1 State ID:	57356C(NY
Trans2 State ID:	Not reported
Generator Ship Date:	900808
Trans1 Recv Date:	900808
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900813
Part A Recv Date:	900824

PFIZER INC (Continued) **1000443177**

Part B Recv Date: 900830
Generator EPA ID: NYD001374214
Trans1 EPA ID: NYD046765574
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00330
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: NYB1942524
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJXTC194
Trans2 State ID: Not reported
Generator Ship Date: 900718
Trans1 Recv Date: 900718
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900719
Part A Recv Date: 900917
Part B Recv Date: 900830
Generator EPA ID: NYD001374214
Trans1 EPA ID: NJD000813477
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: U154 - METHANOL
Quantity: 02525
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 90

Document ID: PAC7590866
Manifest Status: Completed copy
Trans1 State ID: PAAH0067
Trans2 State ID: Not reported
Generator Ship Date: 930316
Trans1 Recv Date: 930316
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930319
Part A Recv Date: 930324
Part B Recv Date: 930402
Generator EPA ID: NYD001374214
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: PAD002390961
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 00010
Units: P - Pounds
Number of Containers: 001

PFIZER INC (Continued) **1000443177**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00015
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	93

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2007-06-11
Trans1 Recv Date:	2007-06-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-06-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	2548.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	14.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000113111VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	2007-06-11
Trans1 Recv Date:	2007-06-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2007-06-11

PFIZER INC (Continued) **1000443177**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	546.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2007
Manifest Tracking Num:	000113111VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	ALD067138891
Trans2 State ID:	Not reported
Generator Ship Date:	2008-07-28
Trans1 Recv Date:	2008-07-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ALD000622464
Waste Code:	Not reported
Quantity:	13182.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000182811VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

PFIZER INC (Continued) **1000443177**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	ALD067138891
Trans2 State ID:	Not reported
Generator Ship Date:	2008-08-28
Trans1 Recv Date:	2008-08-28
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-08-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ALD000622464
Waste Code:	Not reported
Quantity:	13154.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000237377VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	ALD067138891
Trans2 State ID:	Not reported
Generator Ship Date:	2008-07-30
Trans1 Recv Date:	2008-07-30
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-08-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ALD000622464

PFIZER INC (Continued) **1000443177**

Waste Code:	Not reported
Quantity:	13432.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000182787VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	ALD067138891
Trans2 State ID:	Not reported
Generator Ship Date:	2008-08-18
Trans1 Recv Date:	2008-08-18
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-08-19
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001374214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ALD000622464
Waste Code:	Not reported
Quantity:	13659.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1.0
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	000182804VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

PFIZER INC (Continued) **1000443177**

Click this hyperlink while viewing on your computer to access
217 additional NY_MANIFEST: record(s) in the EDR Site Report.

J61 **LOT 33,TAXBLOCK 2269** **NY E DESIGNATION** **S110242392**
NNE **69 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.087 mi.
457 ft. **Site 3 of 8 in cluster J**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	33
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003283
Total Building Floor Area:	00000016417
Commercial Floor Area:	00000016417
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000016417
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00

LOT 33,TAXBLOCK 2269 (Continued) **S110242392**

Lot Depth:	0065.67
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000027900
Total Assessed Value:	00000027900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690033
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999222
Y Coordinate:	0194924
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	33
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2

LOT 33,TAXBLOCK 2269 (Continued) **S110242392**

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003283
Total Building Floor Area:	00000016417
Commercial Floor Area:	00000016417
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000016417
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0050.00
Lot Depth:	0065.67
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000027900
Total Assessed Value:	00000027900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690033
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999222
Y Coordinate:	0194924
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported

LOT 33,TAXBLOCK 2269 (Continued) **S110242392**

Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

K62 **MANHOLE 7898** **NY Spills** **S104652141**
East **THORNTON & THROOP AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.089 mi.
468 ft. **Site 3 of 5 in cluster K**

Relative:
Higher

Actual:
18 ft.

SPILLS:

Facility ID:	0001002
DER Facility ID:	216276
Facility Type:	ER
Site ID:	265435
DEC Region:	2
Spill Date:	4/25/2000
Spill Number/Closed Date:	0001002 / 12/28/2001
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	4/25/2000
CID:	205
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/25/2000
Spill Record Last Update:	12/28/2001
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "O'CONNELL"Con Ed e2mis #131025 Notes:4-25-00 1240hrsUndiaperable sheen on 200gal water in manhole 7898. No oil filled equipment in hole. One liquid sample taken.4-25-00 2238hrsLSN 00-0417 <1ppm PCB4-26-00 1100hrsCleanup completed by double wahsing with slix. Liquids removed by tanker, solids by vactor.
Remarks:	sheen on top of 200 gallons water. con ed #131025

MANHOLE 7898 (Continued) **S104652141**

Material:
Site ID: 265435
Operable Unit ID: 822698
Operable Unit: 01
Material ID: 289229
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

J63 **EDR US Hist Auto Stat** **1015663661**
NNE **89 THROOP AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.089 mi.
470 ft. **Site 4 of 8 in cluster J**

Relative: Higher

Actual: 14 ft.

EDR Historical Auto Stations:
Name: PARADES AUTO REPAIR
Year: 2010
Address: 89 THROOP AVE

J64 **THROOP AVENUE / BARTLETT STREET** **NY UST** **U002034160**
NNE **THROOP AVENUE / BARTLETT STREET** **NY HIST UST** **N/A**
< 1/8 **BROOKLYN, NY 11000**
0.089 mi.
471 ft. **Site 5 of 8 in cluster J**

Relative: Higher

Actual: 14 ft.

UST:
Id/Status: 2-601810 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 589095.76956000004
UTM Y: 4506136.5871900003
Site Type: Other

Affiliation Records:
Site Id: 23772
Affiliation Type: Facility Owner
Company Name: NYC DEPART. OF HOUSING PRESERVATION AND DEVELOPMEN
Contact Type: Not reported
Contact Name: Not reported
Address1: 75 MAIDEN LANE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

Country Code:	001
Phone:	(212) 978-6540
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23772
Affiliation Type:	Mail Contact
Company Name:	ECOSYSTEMS STRATEGIES, INC.
Contact Type:	Not reported
Contact Name:	PAUL H. CIMIELLO
Address1:	60 WORRAL AVENUE
Address2:	Not reported
City:	POUGHKEEPSIE
State:	NY
Zip Code:	12603
Country Code:	001
Phone:	(914) 452-1658
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23772
Affiliation Type:	On-Site Operator
Company Name:	THROOP AVENUE / BARTLETT STREET
Contact Type:	Not reported
Contact Name:	NYC DEPT. OF HOUSING PRESERVAT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23772
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPART. OF HOUSING PRESERVATION AND DEVELOPMEN
Contact Type:	Not reported
Contact Name:	NYC DEPT. OF HOUSING PRESERVAT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

Tank Info:

Tank Number:	001
Tank ID:	47899
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	03/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None

Tank Number:	002
Tank ID:	47900
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	03/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 47901
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 47902
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 03/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

HIST UST:

PBS Number:	2-601810
SPDES Number:	Not reported
Emergency Contact:	NYC DEPT. OF HOUSING PRESERVAT
Emergency Telephone:	(000) 000-0000
Operator:	NYC DEPT. OF HOUSING PRESERVAT
Operator Telephone:	(000) 000-0000
Owner Name:	NYC DEPART. OF HOUSING PRESERVATION AND DEVELOPMEN
Owner Address:	75 MAIDEN LANE
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Telephone:	(212) 978-6540
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Name:	ECOSYSTEMS STRATEGIES, INC.
Mailing Address:	60 WORRAL AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	POUGHKEEPSIE, NY 12603
Mailing Contact:	PAUL H. CIMIELLO
Mailing Telephone:	(914) 452-1658
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	THROOP AVENUE / BARTLETT STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	04/06/1999
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Painted/Asphalt Coating
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: None
Overfill Prot: None
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 03/01/1994
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Painted/Asphalt Coating
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: None
Overfill Prot: None
Dispenser: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 03/01/1994
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

THROOP AVENUE / BARTLETT STREET (Continued) **U002034160**

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	03/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	Not reported
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	Not reported
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Not reported
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	03/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

J65 **BROADWAY TRIANGLE** **NY Spills** **S102143753**
NNE **THROOP AVE / BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.089 mi.
471 ft. **Site 6 of 8 in cluster J**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	9212706
DER Facility ID:	161869
Facility Type:	ER
Site ID:	194234
DEC Region:	2
Spill Date:	1/31/1993
Spill Number/Closed Date:	9212706 / 6/28/1999
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	2/10/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/11/1993
Spill Record Last Update:	6/28/1999
Spiller Name:	BEVERLY REITH
Spiller Company:	NYC HPD
Spiller Address:	100 GOLD STREET
Spiller City,St,Zip:	NEW YORK, NY 10038-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"SEE FILE.
Remarks:	SITE SOIL SAMPLER SHOW B-T-X

Material:

Site ID:	194234
Operable Unit ID:	979704
Operable Unit:	01
Material ID:	402542
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

BROADWAY TRIANGLE (Continued) **S102143753**

Tank Test:

J66 **DRUM RUN** **NY Spills** **S110308002**
NNE **CORNER THROOP AVE AND BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.089 mi.
472 ft. **Site 7 of 8 in cluster J**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	1000520
DER Facility ID:	380674
Facility Type:	ER
Site ID:	431688
DEC Region:	2
Spill Date:	4/13/2010
Spill Number/Closed Date:	1000520 / 5/5/2010
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	HRAHMED
Referred To:	Not reported
Reported to Dept:	4/13/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/13/2010
Spill Record Last Update:	5/5/2010
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	YUSEPH SLEEM
Contact Phone:	(646) 265-6272
DEC Memo:	DEP tested - determined to be waste oil.Add to next drum run05/05/10-HRAHMED-No drum was found during DRUM RUN on 4/23/10. DEP and Sanitation was notified.This case is closed.
Remarks:	3 55 gallon drums left on sidewalk; containers are not full

Material:

Site ID:	431688
Operable Unit ID:	1183159
Operable Unit:	01
Material ID:	2177356
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15

DRUM RUN (Continued) **S110308002**

Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

K67 **MANHOLE #1000** **NY Spills** **S106469702**
East **THRO0P AVE & FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.090 mi.
473 ft. **Site 4 of 5 in cluster K**

Relative:
Higher

Actual:
18 ft.

SPILLS:
Facility ID: 0402435
DER Facility ID: 257685
Facility Type: ER
Site ID: 319830
DEC Region: 2
Spill Date: 6/4/2004
Spill Number/Closed Date: 0402435 / 9/15/2004
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SKARAKHA
Referred To: Not reported
Reported to Dept: 6/4/2004
CID: 407
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 6/4/2004
Spill Record Last Update: 9/15/2004
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: ERT DESK
Contact Phone: (212) 580-8383
DEC Memo: e2mis no 153699CARSON FOUND APPROX. 1 PT OF UNKNOWN OIL ON APPROX. 1 GAL OFWATER. THERE APPEARS TO BE A DRAIN IN STRUCTURE AFFECTED BY THE OIL. ALSO THERE ARE SIGNS OF OIL COMING FROM A DUCT DRIPPING DOWN THE CONCRETE WALL AND ON TO THE CONCRETE FLOOR. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. LIQ. SAMPLE TAKEN FROM SPILL. CLEANUP PENDING TEST RESULTS.GENE WILLIAMS REPORTS PUT A SNAKE INTO THE DRAIN AND IT WENT IN ABOUT 3 FEET. AND THERE IS OIL AND WATER IN THAT DRAIN. WILLIAMS O/S ENVIROMENTAL OPS REPORTS INITIATING CLEANUP OF MUD AND DEBRISAWAITING TANKER. CONSENTINO ENVIROMENTAL OPS MANAGER REPORTS

MANHOLE #1000 (Continued) **S106469702**

OIL LEAK FROM CUT IN CAP 3C 2/O. CABLE GOES NORTH. OF THE 1 PINT OF OIL ONLY 1 TO 2 OZ OF OIL WENT INTO THE DRAIN OPENING. THE OIL WAS REMOVED AND GENE WILLIAMS RODDED THE DRAIN AND FOUND IT TO BE CLOGGED WITH DIRT. # 9 RECAPPED AND SEALED 3C 2/O TO STOP LEAK. GENE WILLIAMS REMOVED OIL AND WATER FROM THE DRAIN. FLUSH DEPT WILL CLEAN AND DOUBLE WASH AND SEAL DRAIN OPENING. SAMPLE PENDING.Lab Sequence Number: 04-04378-001: PCBs < 1 ppmUPDATE: 05-JUN-2004 0205HRS MIDDLETON REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVE ALL LIQUIDS FROM STRUCTURE DRAIN WAS CEMENTED. TAG # 39209 WAS REMOVED. CLEANUP COMPLETE 100%

Remarks: Amount 1 pint of oil in 1 gallon of water

Material:

Site ID:	319830
Operable Unit ID:	884120
Operable Unit:	01
Material ID:	490054
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H68 **PFIZER INC** **NJ MANIFEST** **S109533642**
West **11 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.090 mi.
473 ft. **Site 8 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

NJ MANIFEST:

Manifest Code:	000113111VES
EPA ID:	NYD001374214
Date Shipped:	06/11/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/11/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

PFIZER INC (Continued) **S109533642**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/11/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D009
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	546
Unit:	KG
Hand Code:	H14

Manifest Code:	000237129VES
EPA ID:	NYD001374214
Date Shipped:	08/05/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD000692061
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/05/2008
Date Trans2 Transported Waste:	08/08/2008
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

PFIZER INC (Continued) **S109533642**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/08/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D007
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	2275
Unit:	K
Hand Code:	H141

Manifest Code:	000160183VES
EPA ID:	NYD001374214
Date Shipped:	02/25/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/25/2008
Date Trans2 Transported Waste:	02/29/2008
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

PFIZER INC (Continued) **S109533642**

Date TSDF Received Waste:	02/29/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D008
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	200
Unit:	P
Hand Code:	H141

H69 **11 BARTLETT STREET** **NY Spills** **S102150583**
West **11 BARTLETT STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.090 mi.
473 ft. **Site 9 of 9 in cluster H**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	9505760
DER Facility ID:	226177
Facility Type:	ER
Site ID:	278551
DEC Region:	2
Spill Date:	8/9/1995
Spill Number/Closed Date:	9505760 / 8/10/1995
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	8/10/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other

11 BARTLETT STREET (Continued) **S102150583**

Cleanup Ceased:	8/10/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/13/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	PFISER, INC
Spiller Address:	630 FLUSHING AVENUE
Spiller City,St,Zip:	BROOKLYN, NY 11206
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"10/10/95: This is additional information about material spilled from the translation of the old spill file: MERCURY & LEAD.
Remarks:	UNDERGROUND CONTAMINATION FOUND AT OLD CHEMICAL FACILITY THAT IS BEING DEMOLISHED - REFER TO SPILL #95-05769

Material:

Site ID:	278551
Operable Unit ID:	1016657
Operable Unit:	01
Material ID:	556632
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M70 **LOT 16,TAXBLOCK 2269** **NY E DESIGNATION** **S110242354**
NW **GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.090 mi.
476 ft. **Site 2 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	16
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001

LOT 16,TAXBLOCK 2269 (Continued) **S110242354**

School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000033840
Total Assessed Value:	00000033840
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690016
Condominium Number:	00000
Census Tract 2:	0507

LOT 16,TAXBLOCK 2269 (Continued) **S110242354**

X Coordinate:	0998892
Y Coordinate:	0194822
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	16
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000003750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4

LOT 16,TAXBLOCK 2269 (Continued) **S110242354**

Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0037.50
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000033840
Total Assessed Value:	00000033840
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690016
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998892
Y Coordinate:	0194822
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

71
East
< 1/8
0.093 mi.
489 ft.

EMS BATT 57 @ WOODHULL HOSPITAL **NY UST** **U004046659**
131 THROOP AVE **N/A**
BROOKLYN, NY 11206

Relative:
Higher

Actual:
18 ft.

UST:

Id/Status:	2-609575 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2014/05/25
UTM X:	589188.78359999997
UTM Y:	4506018.2440900002

EMS BATT 57 @ WOODHULL HOSPITAL (Continued) **U004046659**

Site Type: Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:

Site Id: 55635
Affiliation Type: Emergency Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: EOC/NOTIFICATION DESK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/7/2010

Site Id: 55635
Affiliation Type: Mail Contact
Company Name: FDNY FACILITIES
Contact Type: Not reported
Contact Name: ASST. COMMISSIONER OF FACILITIES
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: MASTROJ@FDNY.NYC.GOV
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2/18/2009

Site Id: 55635
Affiliation Type: Facility Owner
Company Name: F.D.N.Y.
Contact Type: ASST. COMMISSIONER OF FACILITIES
Contact Name: JOSEPH M. MASTROPIETLO
Address1: 9 METROTECH CENTER
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201-3857
Country Code: 001
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 1/7/2010

Site Id: 55635
Affiliation Type: On-Site Operator
Company Name: EMS BATT 57 @ WOODHULL HOSPITAL
Contact Type: Not reported

EMS BATT 57 @ WOODHULL HOSPITAL (Continued) **U004046659**

Contact Name:	OFFICER ON DUTY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 302-5662
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	5/25/2004

Tank Info:

Tank Number:	001
Tank ID:	178909
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2500
Install Date:	05/01/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	02/18/2009

Equipment Records:

F99 - Pipe External Protection - Other
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
L04 - Piping Leak Detection - Groundwater Well
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)

K72 **709-715 FLUSHING AVE** **NY AST** **U004107550**
East **709-715 FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.093 mi.
491 ft. **Site 5 of 5 in cluster K**

Relative:
Higher

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-610576
Program Type:	PBS
UTM X:	589184.93104000005
UTM Y:	4506046.2262399998
Expiration Date:	N/A
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	381757
Affiliation Type:	Facility Owner
Company Name:	FLUSHING 1 REALTY, LLC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	15 CALDER PL.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11215
Country Code:	001
Phone:	(718) 499-5100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	9/11/2008

Site Id:	381757
Affiliation Type:	Mail Contact
Company Name:	P.W. GROSSER CONSULTING
Contact Type:	Not reported
Contact Name:	KRIS ALMSKOG
Address1:	630 JOHNSON AVE
Address2:	SUITE 7
City:	BOHEMIA
State:	NY
Zip Code:	11716-2618
Country Code:	001
Phone:	(631) 589-6353
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	5/21/2007

Site Id:	381757
Affiliation Type:	On-Site Operator
Company Name:	709-715 FLUSHING AVE
Contact Type:	Not reported
Contact Name:	FLUSHING 1 REALTY, LLC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported

709-715 FLUSHING AVE (Continued) **U004107550**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 499-5100
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 5/21/2007

Site Id: 381757
Affiliation Type: Emergency Contact
Company Name: FLUSHING 1 REALTY, LLC.
Contact Type: Not reported
Contact Name: MICHAEL SBEGLIA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 939-5450
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 5/21/2007

Tank Info:

Tank Number: 01
Tank Id: 217309
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/30/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/03/2007

709-715 FLUSHING AVE (Continued) **U004107550**

Register: True
Modified By: NRLOMBAR
Last Modified: 06/04/2007
Material Name: Gasoline

Tank Number: 02
Tank Id: 217310
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/30/1970
Capacity Gallons: 550
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/03/2007
Register: True
Modified By: NRLOMBAR
Last Modified: 06/04/2007
Material Name: Gasoline

Tank Number: 03
Tank Id: 217311
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

709-715 FLUSHING AVE (Continued) **U004107550**

K00 - Spill Prevention - None
I00 - Overfill - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/30/1970
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/03/2007
Register:	True
Modified By:	NRLOMBAR
Last Modified:	06/04/2007
Material Name:	Gasoline

Tank Number:	04
Tank Id:	217312
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	03/30/1970
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/03/2007
Register:	True
Modified By:	NRLOMBAR
Last Modified:	06/04/2007
Material Name:	Gasoline

J73 **LOT 31,TAXBLOCK 2269** **NY E DESIGNATION** **S110242388**
North **THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.094 mi.
495 ft. **Site 8 of 8 in cluster J**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	31
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000002831
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0034.33
Lot Depth:	0075.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y

LOT 31,TAXBLOCK 2269 (Continued) **S110242388**

Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000025830
Total Assessed Value:	00000025830
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690031
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999180
Y Coordinate:	0194950
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	31
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 31,TAXBLOCK 2269 (Continued) **S110242388**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000002831
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0034.33
Lot Depth:	0075.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000025830
Total Assessed Value:	00000025830
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690031
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999180
Y Coordinate:	0194950
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 31,TAXBLOCK 2269 (Continued) **S110242388**

Date of Base Map Data: 01/2006
Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

L74 **VS 2097** **NY Spills** **S106967837**
WSW **FLUSHING AVE/BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.101 mi.
532 ft. **Site 2 of 5 in cluster L**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0501710
DER Facility ID:	292119
Facility Type:	ER
Site ID:	345859
DEC Region:	2
Spill Date:	5/11/2005
Spill Number/Closed Date:	0501710 / 8/11/2005
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	5/11/2005
CID:	64
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/12/2005
Spill Record Last Update:	8/11/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	e2mis no 1585175/11/2005 07:24 HRS R. CILENTO REPORTS FINDING APPROX 1PT OF UNKNOWN OIL ON APPROX 300 GAL OF WATER IN VS2097. NO SEWERS, WATERWAYS, OR PRIVATE PROPERTY AFFECTED. THE SOURCE AND CAUSE OF THE SPILL IS UNKNOWN. THERE WERE NO SUBSTANTIAL CRACKS IN THE STRUCTURE AND THE STANDING WATER HAD NO MOVEMENT. THERE IS A CONCRETE SUMP WITH A SUMP PUMP WHICH IS DEFECTIVE AND NOT WORKING. ENV STOP TAG# 06435 WAS PLACED AND ONE LIQUID SAMPLE TAKENUPDATE 5/11/05 08:01 HISTORICAL PCB DATA FROM WAREHOUSE INDICATES PCB 31 PPM DATED 12/27/2001 LAB SEQ#01-12167-009.Lab Sequence Number: 05-04358-001 - TOTAL PCB 17 ppm.UPDATE: 12-MAY-2005 0305HRS BOVE BQE REPORTS OVER 50 TANKER REMOVED 540 GALLONS WATER AND OIL FROM STRUCTURE. SAMPLE WAS TAKEN AND SENT TO CHEM LAB. TANKER THEN REMOVED 350 GALLONS OF OIL FROM UNIT. PLATE SAYS 357 GALLONS IN UNIT. JR784485/12/2005 06:09 HRS --

VS 2097 (Continued) **S106967837**

RECEIVED ADDITIONAL PCB RESULTS.Lab Sequence Number: 05-04358-001 DESCRIPTION: OIL FROM VAULTTOTAL PCB 25 ppm. -- W.W. #17344 --19-MAY-2005 1339HRS. SPLICER DENNIS VONHORNE, EMPLOYEE NO. 57802 REPORTS, UNIT WAS REMOVED AND STRCUTURE IS READY FOR CLEANUP. BORCHERDINGCUPDATE: 17-JUNE - 2005 @10:00 HRS. ENV.OPS O/S REPORTS. ON 5/21/05 @ 20:30 HRS. R.ESPONDA COMPLETED CLEANUP ON VS 2097 INC# 158517 100%. c.hogan 07511Closed. 8-11-05.

Remarks: Coming off 24 hr program due to fact that there is a transformer involved. 1 pint of unknown oil.

Material:

Site ID:	345859
Operable Unit ID:	1103581
Operable Unit:	01
Material ID:	583803
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M75 **73-87 GERRY ST** **NY Spills** **S104501441**
NW **73-87 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.101 mi.
532 ft. **Site 3 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	9704207
DER Facility ID:	180502
Facility Type:	ER
Site ID:	218170
DEC Region:	2
Spill Date:	5/14/1996
Spill Number/Closed Date:	9704207 / 11/14/2006
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	CHAWLA
Referred To:	Not reported
Reported to Dept:	7/9/1997
CID:	311
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

73-87 GERRY ST (Continued) **S104501441**

Remediation Phase:	0
Date Entered In Computer:	7/9/1997
Spill Record Last Update:	11/14/2006
Spiller Name:	SAME
Spiller Company:	PFIZER INC
Spiller Address:	630 FLUSHING AVE
Spiller City,St,Zip:	BROOKLYN, NY 11206-
Spiller Company:	001
Contact Name:	THOMAS SNEE
Contact Phone:	(718) 780-8686
DEC Memo:	Not reported
Remarks:	CALLER STATES AN ENVIRONMENTAL STUDY WAS DONE ON THE PROPERTY AND FOUND THE SOIL TO BE CONTAMINATED. SPILL NUMBER REQUESTED BY REGIONAL OFFICE.

Material:

Site ID:	218170
Operable Unit ID:	1050080
Operable Unit:	01
Material ID:	333467
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9516449
DER Facility ID:	180502
Facility Type:	ER
Site ID:	137143
DEC Region:	2
Spill Date:	3/21/1996
Spill Number/Closed Date:	9516449 / 2/2/2000
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	3/21/1996
CID:	233
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

73-87 GERRY ST (Continued) **S104501441**

Date Entered In Computer:	3/21/1996
Spill Record Last Update:	2/11/2003
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller City,St,Zip:	***UPDATE***, ZZ
Spiller Company:	999
Contact Name:	THOMAS KNEE
Contact Phone:	(718) 780-8686
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIBBE"Originally assinged to Tomasello.Closed and cross-referenced to 9704207 on 2/2/00.
Remarks:	construction work at site uncovered contaiminated soil appears gasoline was spilled at site at some time in past

Material:

Site ID:	137143
Operable Unit ID:	1027420
Operable Unit:	01
Material ID:	352967
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M76 **LOT 46,TAXBLOCK 2266** **NY E DESIGNATION** **S110242423**
NW **75 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.101 mi.
532 ft. **Site 4 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2

LOT 46,TAXBLOCK 2266 (Continued) **S110242423**

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000020000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0200.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000150300
Total Assessed Value:	00000150300
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998797
Y Coordinate:	0194935
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported

LOT 46,TAXBLOCK 2266 (Continued) **S110242423**

Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000020000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0200.00
Lot Depth:	0100.00

LOT 46,TAXBLOCK 2266 (Continued) **S110242423**

Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000150300
Total Assessed Value:	00000150300
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998797
Y Coordinate:	0194935
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	46
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 46,TAXBLOCK 2266 (Continued) **S110242423**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G7
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000020000
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0200.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000150300
Total Assessed Value:	00000150300
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660046
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998797
Y Coordinate:	0194935
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 46,TAXBLOCK 2266 (Continued) **S110242423**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

M77 **PFIZER INC/GERRY ST** **NY LTANKS** **S100493659**
NW **PFIZER INC/GERRY ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.101 mi.
532 ft. **Site 5 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

LTANKS:

Site ID:	204940
Spill Number/Closed Date:	9203348 / 6/22/1992
Spill Date:	6/19/1992
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	6/22/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	6/19/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	6/23/1992
Spill Record Last Update:	11/29/2002
Spiller Name:	Not reported
Spiller Company:	PFIZER INC
Spiller Address:	630 FLUSHING AVE
Spiller City,St,Zip:	BROOKLYN, NY 11206
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	170254
DEC Memo:	Not reported
Remarks:	CONTAMINATED SOIL STOCKPILED IN DUMPSTERS AFTER TANK PULL. SAMPLING, TESTING & WILL DISPOSE. REQUESTS CALLBACK.

Material:

Site ID:	204940
Operable Unit ID:	967193
Operable Unit:	01
Material ID:	411149

PFIZER INC/GERRY ST (Continued) **S100493659**

Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

M78 **PFIZER INC BROOKLYN PLANT** **RCRA-CESQG** **1001079897**
NW **73 GERRY ST** **FINDS** **NYR000016048**
< 1/8 **BROOKLYN, NY** **NY MANIFEST**
0.101 mi.
532 ft. **Site 6 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	PFIZER INC BROOKLYN PLANT
Facility address:	73 GERRY ST BROOKLYN, NY 112064308
EPA ID:	NYR000016048
Mailing address:	FLUSHING AVE BROOKLYN, NY 112065092
Contact:	Not reported
Contact address:	FLUSHING AVE BROOKLYN, NY 112065092
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	PFIZER INC
Owner/operator address:	630 FLUSHING AVE BROOKLYN, NY 11206
Owner/operator country:	US
Owner/operator telephone:	(718) 780-8472
Legal status:	Private

PFIZER INC BROOKLYN PLANT (Continued) **1001079897**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PFIZER INC
Owner/operator address: 630 FLUSHING AVE
BROOKLYN, NY 11206
Owner/operator country: US
Owner/operator telephone: (718) 780-8472
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Not a generator, verified

Date form received by agency: 11/07/1995
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004520091

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PFIZER INC BROOKLYN PLANT (Continued) **1001079897**

NY MANIFEST:

EPA ID:	NYR000016048
Country:	USA
Mailing Name:	PFIZER INC
Mailing Contact:	THOMAS SNEE
Mailing Address:	630 FLUSHING AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-780-8686

Document ID:	NYG4256496
Manifest Status:	Not reported
Trans1 State ID:	NJ334
Trans2 State ID:	Not reported
Generator Ship Date:	12/07/2004
Trans1 Recv Date:	12/07/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/21/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000016048
Trans1 EPA ID:	NJD986607380
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00500
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYG4254804
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	05/10/2005
Trans1 Recv Date:	05/10/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/19/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000016048
Trans1 EPA ID:	AC314ANJ
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	F003 - UNKNOWN
Quantity:	00100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002

PFIZER INC BROOKLYN PLANT (Continued) **1001079897**

Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYG2776833
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	12/19/2002
Trans1 Recv Date:	12/19/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/31/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000016048
Trans1 EPA ID:	KYD088438817
Trans2 EPA ID:	Not reported
TSDF ID:	NJ113
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00165
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYG4254804
Manifest Status:	Not reported
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	05/10/2005
Trans1 Recv Date:	05/10/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/19/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000016048
Trans1 EPA ID:	AC314ANJ
Trans2 EPA ID:	Not reported

PFIZER INC BROOKLYN PLANT (Continued) **1001079897**

TSDF ID: NYD049836679
Waste Code: F003 - UNKNOWN
Quantity: 00100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2005

Document ID: NYG0692757
Manifest Status: Not reported
Trans1 State ID: NJD986607380
Trans2 State ID: Not reported
Generator Ship Date: 10/29/1998
Trans1 Recv Date: 10/29/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/20/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000016048
Trans1 EPA ID: KYD088438817
Trans2 EPA ID: Not reported
TSDF ID: NYJA334
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00715
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 00.90
Year: 98

Document ID: NJA3264145
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 11/25/2002
Trans1 Recv Date: 11/25/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/25/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000016048
Trans1 EPA ID: NJD002385730
Trans2 EPA ID: Not reported
TSDF ID: 2265
Waste Code: D018 - BENZENE 0.5 MG/L TCLP
Quantity: 04688
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2002

PFIZER INC BROOKLYN PLANT (Continued) **1001079897**

Document ID:	NJA3264146
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	11/25/2002
Trans1 Recv Date:	11/25/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/25/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000016048
Trans1 EPA ID:	NJD002385730
Trans2 EPA ID:	Not reported
TSDF ID:	S2265
Waste Code:	D018 - BENZENE 0.5 MG/L TCLP
Quantity:	01076
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2002

M79 **LOT 17,TAXBLOCK 2269** **NY E DESIGNATION** **S110242357**
NW **74 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.101 mi.
533 ft. **Site 7 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	17
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11

LOT 17,TAXBLOCK 2269 (Continued) **S110242357**

Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690017
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998932
Y Coordinate:	0194828
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

LOT 17,TAXBLOCK 2269 (Continued) **S110242357**

Tax Lot(s):	17
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000

LOT 17,TAXBLOCK 2269 (Continued) **S110242357**

Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690017
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998932
Y Coordinate:	0194828
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

M80 **LOT 18,TAXBLOCK 2269** **NY E DESIGNATION** **S110242359**
NNW **76 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.101 mi.
535 ft. **Site 8 of 8 in cluster M**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	18
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 18,TAXBLOCK 2269 (Continued) **S110242359**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690018
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998936
Y Coordinate:	0194863
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 18,TAXBLOCK 2269 (Continued) **S110242359**

Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	18
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 18,TAXBLOCK 2269 (Continued) **S110242359**

Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690018
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998936
Y Coordinate:	0194863
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

N81 **ARLINGTON PRESS-191 HARRISON AVE** **RCRA-SQG** **1000257521**
WNW **191 HARRISON AVE** **FINDS** **NYD001513779**
< 1/8 **BROOKLYN, NY** **NY MANIFEST**
0.102 mi.
538 ft. **Site 1 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	ARLINGTON PRESS
Facility address:	191 HARRISON AVE BROOKLYN, NY 11206
EPA ID:	NYD001513779
Mailing address:	HARRISON AVE BROOKLYN, NY 11206
Contact:	LARRY CORNACCHIA
Contact address:	HARRISON AVE BROOKLYN, NY 11206
Contact country:	US
Contact telephone:	(718) 486-7474
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ARLINGTON PRESS INC
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	ARLINGTON PRESS INC
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	ARLINGTON PRESS
Classification:	Small Quantity Generator

Date form received by agency:	05/02/1989
Facility name:	ARLINGTON PRESS
Classification:	Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/21/2004

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004335112

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID: NYD001513779
Country: USA
Mailing Name: ARLINGTON PRESS
Mailing Contact: ARLINGTON PRESS
Mailing Address: 191 HARRISON AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-486-7474

Document ID: NJA9628381
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 891004
Trans1 Recv Date: 891004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891005
Part A Recv Date: 891016
Part B Recv Date: 891017
Generator EPA ID: NYD001513779

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00426
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 89

Document ID: NJA1925961
Manifest Status: Completed copy
Trans1 State ID: 08690
Trans2 State ID: NJDEP0869
Generator Ship Date: 941025
Trans1 Recv Date: 941025
Trans2 Recv Date: 941028
TSD Site Recv Date: 941028
Part A Recv Date: 941103
Part B Recv Date: 941109
Generator EPA ID: NYD001513779
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00426
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00421
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NJA2693990
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 961101
Trans1 Recv Date: 961101
Trans2 Recv Date: Not reported
TSD Site Recv Date: 961106
Part A Recv Date: 961115
Part B Recv Date: 961129
Generator EPA ID: NYD001513779
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 96

Document ID: CTF0502038
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 07/28/1998
Trans1 Recv Date: 07/28/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/13/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001513779
Trans1 EPA ID: CTD001156009
Trans2 EPA ID: Not reported
TSDF ID: NYAM6252
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 98

Document ID: CTF0512255
Manifest Status: Not reported
Trans1 State ID: ILD984908202
Trans2 State ID: Not reported
Generator Ship Date: 02/10/1998
Trans1 Recv Date: 02/10/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/02/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001513779
Trans1 EPA ID: CTD001156009
Trans2 EPA ID: Not reported
TSDF ID: P24399
Waste Code: D011 - SILVER 5.0 MG/L TCLP
Quantity: 00558
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 98

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Document ID:	06
Manifest Status:	000106220CEX
Trans1 State ID:	NYD001513779
Trans2 State ID:	Not reported
Generator Ship Date:	KYD053348108
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-11-22
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DM
Container Type:	800
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7747560
Trans1 State ID:	NYD001513779
Trans2 State ID:	Not reported
Generator Ship Date:	KYD053348108
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD471629976
Part B Recv Date:	2006-01-30
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DM
Container Type:	800
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7862815
Trans1 State ID:	NYD001513779
Trans2 State ID:	Not reported
Generator Ship Date:	KYD053348108
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-08-04
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	4
Number of Containers:	DM
Container Type:	1600
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYC6814732
Manifest Status:	Not reported
Trans1 State ID:	SCR000075150
Trans2 State ID:	Not reported
Generator Ship Date:	08/02/2002
Trans1 Recv Date:	08/02/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/08/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001513779
Trans1 EPA ID:	NYD000708198
Trans2 EPA ID:	Not reported
TSDF ID:	89930JENY
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00012
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Year: 2002

Document ID: NYC6708644
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: MOD095038998
Generator Ship Date: 08/09/2002
Trans1 Recv Date: 08/09/2002
Trans2 Recv Date: 08/14/2002
TSD Site Recv Date: 08/26/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001513779
Trans1 EPA ID: KYD053348108
Trans2 EPA ID: Not reported
TSDF ID: NJX9693C
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00960
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2002

Document ID: NYC6629332
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 02/11/2002
Trans1 Recv Date: 02/11/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/13/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD001513779
Trans1 EPA ID: NYD000708198
Trans2 EPA ID: Not reported
TSDF ID: NJX9693L
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity: 00012
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00
Year: 2002

Document ID: NYC6755534
Manifest Status: Not reported
Trans1 State ID: SCR000075150
Trans2 State ID: Not reported
Generator Ship Date: 05/06/2002
Trans1 Recv Date: 05/06/2002

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/08/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001513779
Trans1 EPA ID:	NYD000708198
Trans2 EPA ID:	Not reported
TSDF ID:	NYCAT8305
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Quantity:	00010
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2002

Document ID:	NYC7195522
Manifest Status:	Not reported
Trans1 State ID:	NYCA7801
Trans2 State ID:	T364DANJ
Generator Ship Date:	04/08/2004
Trans1 Recv Date:	04/08/2004
Trans2 Recv Date:	04/13/2004
TSD Site Recv Date:	04/25/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD001513779
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	KYD053348
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00880
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	07
Manifest Status:	000028831SKS
Trans1 State ID:	NYD001513779
Trans2 State ID:	Not reported
Generator Ship Date:	KYD053348108
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2007-05-16
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Quantity:	Not reported
Units:	2
Number of Containers:	DM
Container Type:	800
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	07
Manifest Status:	000028831SKS
Trans1 State ID:	NYD001513779
Trans2 State ID:	Not reported
Generator Ship Date:	KYD053348108
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2007-05-16
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	400
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	NYC7487302
Manifest Status:	Not reported
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	03/15/2005
Trans1 Recv Date:	03/15/2005
Trans2 Recv Date:	03/18/2005
TSD Site Recv Date:	03/21/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Generator EPA ID: NYD001513779
Trans1 EPA ID: NY71148JR
Trans2 EPA ID: T465GLNJ
TSDF ID: KYD053348108
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 02100
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: Not reported

Document ID: NJA1320943
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 911008
Trans1 Recv Date: 911008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 911017
Part A Recv Date: 911017
Part B Recv Date: 911106
Generator EPA ID: NYD001513779
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NJA1332786
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS103
Generator Ship Date: 911211
Trans1 Recv Date: 911211
Trans2 Recv Date: 911220
TSD Site Recv Date: 911220
Part A Recv Date: Not reported
Part B Recv Date: 920110
Generator EPA ID: NYD001513779
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: NJD000813477
TSDF ID: NJD002182897
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00426
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

ARLINGTON PRESS-191 HARRISON AVE (Continued) **1000257521**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NJA1206291
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910906
Trans1 Recv Date:	910906
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910911
Part A Recv Date:	910916
Part B Recv Date:	910925
Generator EPA ID:	NYD001513779
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00412
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NJA1367759
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920619
Trans1 Recv Date:	920619
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920625
Part A Recv Date:	Not reported
Part B Recv Date:	920717
Generator EPA ID:	NYD001513779
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	F005 - UNKNOWN
Quantity:	00430
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Click this hyperlink while viewing on your computer to access
55 additional NY_MANIFEST: record(s) in the EDR Site Report.

O82 **LOT 19,TAXBLOCK 2269** **NY E DESIGNATION** **S110242361**
NNW **78 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.102 mi.
539 ft. **Site 1 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	19
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHUNG HOI WONG
Lot Area:	000007500
Total Building Floor Area:	00000007500
Commercial Floor Area:	00000007500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000007500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0075.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 19,TAXBLOCK 2269 (Continued) **S110242361**

Basement Type Grade:	5
Land Assessed Value:	00000036900
Total Assessed Value:	00000113400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690019
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998989
Y Coordinate:	0194877
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	19
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 19,TAXBLOCK 2269 (Continued) **S110242361**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHUNG HOI WONG
Lot Area:	000007500
Total Building Floor Area:	00000007500
Commercial Floor Area:	00000007500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000007500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0075.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000036900
Total Assessed Value:	00000113400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690019
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998989
Y Coordinate:	0194877
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 19,TAXBLOCK 2269 (Continued) **S110242361**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	19
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	CHUNG HOI WONG
Lot Area:	000007500
Total Building Floor Area:	00000007500
Commercial Floor Area:	00000007500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000007500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0075.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 19,TAXBLOCK 2269 (Continued) **S110242361**

Land Assessed Value:	00000036900
Total Assessed Value:	00000113400
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690019
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998989
Y Coordinate:	0194877
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O83 **PFIZER INC. BROOKLYN PLANT** **NY UST** **U003418592**
NNW **80 GERRY STREET** **NY HIST UST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.103 mi.
544 ft. **Site 2 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

UST:

Id/Status:	2-603703 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588991.78778999997
UTM Y:	4506144.2501800004
Site Type:	Unknown

Affiliation Records:

Site Id:	25607
Affiliation Type:	Facility Owner
Company Name:	PFIZER INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY

PFIZER INC. BROOKLYN PLANT (Continued) **U003418592**

Zip Code:	11206
Country Code:	001
Phone:	(718) 780-8686
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25607
Affiliation Type:	Mail Contact
Company Name:	PFIZER INC.
Contact Type:	Not reported
Contact Name:	THOMAS J. SNEE
Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 780-8686
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25607
Affiliation Type:	On-Site Operator
Company Name:	PFIZER INC. BROOKLYN PLANT
Contact Type:	Not reported
Contact Name:	PFIZER INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-8686
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25607
Affiliation Type:	Emergency Contact
Company Name:	PFIZER INC.
Contact Type:	Not reported
Contact Name:	PFIZER INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-8880
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

PFIZER INC. BROOKLYN PLANT (Continued) **U003418592**

Date Last Modified: 3/4/2004

Tank Info:

Tank Number: B001
Tank ID: 55259
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 275
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: B002
Tank ID: 55260
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 275
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None

PFIZER INC. BROOKLYN PLANT (Continued) **U003418592**

B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number:	B003
Tank ID:	55261
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	400
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

HIST UST:

PBS Number:	2-603703
SPDES Number:	Not reported
Emergency Contact:	PFIZER INC.
Emergency Telephone:	(718) 780-8880
Operator:	PFIZER INC.
Operator Telephone:	(718) 780-8686
Owner Name:	PFIZER INC.
Owner Address:	630 FLUSHING AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11206
Owner Telephone:	(718) 780-8686
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	PFIZER INC.
Mailing Address:	630 FLUSHING AVENUE
Mailing Address 2:	Not reported

PFIZER INC. BROOKLYN PLANT (Continued) **U003418592**

Mailing City,St,Zip:	BROOKLYN, NY 11206
Mailing Contact:	THOMAS J. SNEE
Mailing Telephone:	(718) 780-8686
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	80 GERRY STREET
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	Not reported
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	10/20/2003
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	B001
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

PFIZER INC. BROOKLYN PLANT (Continued) **U003418592**

Tank Id:	B002
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	275
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	B003
Tank Location:	UNDERGROUND
Tank Status:	Closed-In Place
Install Date:	Not reported
Capacity (gals):	400
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	None
Pipe Type:	NONE
Pipe Internal:	None
Pipe External:	None
Second Containment:	Diking
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

84
WNW
< 1/8
0.105 mi.
553 ft.

LOT 1,TAXBLOCK 2269
58 GERRY STREET
BROOKLYN, NY 11206

NY E DESIGNATION **S110242338**
N/A

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000030000
Total Building Floor Area:	00000030588
Commercial Floor Area:	00000030588
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000030588
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00004
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0200.00
Lot Depth:	0200.00
Building Frontage:	0075.00
Building Depth:	0150.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3

LOT 1,TAXBLOCK 2269 (Continued) **S110242338**

Basement Type Grade:	5
Land Assessed Value:	00000149400
Total Assessed Value:	00000311850
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1959
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.02
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690001
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998800
Y Coordinate:	0194674
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 1,TAXBLOCK 2269 (Continued) **S110242338**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000030000
Total Building Floor Area:	00000030588
Commercial Floor Area:	00000030588
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000030588
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00004
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0200.00
Lot Depth:	0200.00
Building Frontage:	0075.00
Building Depth:	0150.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000149400
Total Assessed Value:	00000311850
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1959
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.02
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690001
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998800
Y Coordinate:	0194674
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 1,TAXBLOCK 2269 (Continued) **S110242338**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	PFIZER INC
Lot Area:	000030000
Total Building Floor Area:	00000030588
Commercial Floor Area:	00000030588
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000030588
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00004
Number of Floors:	003.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0200.00
Lot Depth:	0200.00
Building Frontage:	0075.00
Building Depth:	0150.00
Proximity Code:	0
Irregular Lot Code:	Y
Lot Type:	3
Basement Type Grade:	5

LOT 1,TAXBLOCK 2269 (Continued) **S110242338**

Land Assessed Value:	00000149400
Total Assessed Value:	00000311850
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1959
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.02
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690001
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998800
Y Coordinate:	0194674
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O85 **LOT 40,TAXBLOCK 2266** **NY E DESIGNATION** **S110242407**
NNW **91 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.106 mi.
560 ft. **Site 3 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 40,TAXBLOCK 2266 (Continued) **S110242407**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195002
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 40,TAXBLOCK 2266 (Continued) **S110242407**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00

LOT 40,TAXBLOCK 2266 (Continued) **S110242407**

Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195002
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 40,TAXBLOCK 2266 (Continued) **S110242407**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660040
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195002
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 40,TAXBLOCK 2266 (Continued) **S110242407**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O86 **LOT 23,TAXBLOCK 2269** **NY E DESIGNATION** **S110242368**
NNW **86 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.107 mi.
566 ft. **Site 4 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	23
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00

LOT 23,TAXBLOCK 2269 (Continued) **S110242368**

Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000032985
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690023
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999053
Y Coordinate:	0194917
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	23
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230

LOT 23,TAXBLOCK 2269 (Continued) **S110242368**

Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000032985
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690023
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999053
Y Coordinate:	0194917
Zoning Map:	13B

LOT 23,TAXBLOCK 2269 (Continued) **S110242368**

Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O87 **LOT 39,TAXBLOCK 2266** **NY E DESIGNATION** **S110242402**
NNW **93 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.107 mi.
567 ft. **Site 5 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000

LOT 39,TAXBLOCK 2266 (Continued) **S110242402**

Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660039
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195040
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301

LOT 39,TAXBLOCK 2266 (Continued) **S110242402**

Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660039

LOT 39,TAXBLOCK 2266 (Continued) **S110242402**

Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195040
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	39
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000

LOT 39,TAXBLOCK 2266 (Continued) **S110242402**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660039
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998920
Y Coordinate:	0195040
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

P88 **LOT 28,TAXBLOCK 2269** **NY E DESIGNATION** **S110242379**
North **THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.108 mi.
568 ft. **Site 1 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	28
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K

LOT 28,TAXBLOCK 2269 (Continued) **S110242379**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 28,TAXBLOCK 2269 (Continued) **S110242379**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690028
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999146
Y Coordinate:	0195022
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	28
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000

LOT 28,TAXBLOCK 2269 (Continued) **S110242379**

Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690028
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999146
Y Coordinate:	0195022
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

L89 **ACP BK I LLC - 630 FLUSHING AVE** **RCRA-LQG** **1000458301**
WSW **630 FLUSHING AVE** **NJ MANIFEST** **NYD986936904**
< 1/8 **BROOKLYN, NY 11206** **US AIRS**
0.109 mi.
575 ft. **Site 3 of 5 in cluster L**

Relative:
Lower

Actual:
13 ft.

RCRA-LQG:

Date form received by agency:	03/02/2012
Facility name:	FORMER PFIZER MAIN PLANT
Facility address:	630 FLUSHING AVENUE BROOKLYN, NY 11206
EPA ID:	NYD986936904
Mailing address:	ROUTE 206 NORTH M/S 613 PEAPACK, NJ 07977
Contact:	MATTHEW R BASSO
Contact address:	ROUTE 206 NORTH M/S 613 PEAPACK, NJ 07977
Contact country:	US
Contact telephone:	(908) 901-7096
Contact email:	MATT.BASSO@PFIZER.COM
EPA Region:	02
Land type:	Private
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	NO NAME FOUND
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1849
Owner/Op end date:	Not reported
Owner/operator name:	PFIZER INC
Owner/operator address:	235 EAST 42ND STREET NEW YORK, NY 10017
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1849
Owner/Op end date:	Not reported
Owner/operator name:	ACP BK I LLC

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/11/2011
Owner/Op end date: Not reported

Owner/operator name: ACP BK I LLC
Owner/operator address: NORTHERN BOULEVARD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 360-9503
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/11/2011
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/08/2010
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC. BROOKLYN PLANT
Classification: Large Quantity Generator

Date form received by agency: 03/03/2008
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC. - BROOKLYN PLANT
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC.
Classification: Large Quantity Generator

Date form received by agency: 02/10/2006
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC.
Classification: Large Quantity Generator

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date form received by agency: 02/09/2006
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC.
Classification: Large Quantity Generator

Date form received by agency: 02/26/2004
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC.
Classification: Large Quantity Generator

Date form received by agency: 02/25/2002
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC.
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 03/04/1998
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 01/22/1991
Facility name: FORMER PFIZER MAIN PLANT
Site name: PFIZER INC BROOKLYN PLT
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: B007
Waste name: B007

Facility Has Received Notices of Violations:
Regulation violated: SR - 6nycrr372.2(a)(8)(i)(a)(2)
Area of violation: Generators - General
Date violation determined: 04/06/1998
Date achieved compliance: 05/07/1998
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Enforcement action date: 04/20/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/02/1994
Date achieved compliance: 09/27/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/02/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/14/1992
Date achieved compliance: 03/24/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/14/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/26/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/05/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/10/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/07/1998
Evaluation lead agency: EPA

Evaluation date: 06/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Area of violation: Generators - General
Date achieved compliance: 09/27/1994
Evaluation lead agency: State

Evaluation date: 03/31/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/13/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/24/1992
Evaluation lead agency: State

NJ MANIFEST:
Manifest Code: 000019295VES
EPA ID: NYD986936904
Date Shipped: 02/12/2007
TSDF EPA ID: NJD980536593
Transporter EPA ID: NJD080631369
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 02/12/2007
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 02/12/2007
Tranporter 1 Decal: Not reported
Tranporter 2 Decal: Not reported
Generator EPA Facility Name: Not reported
Transporter-1 EPA Facility Name: Not reported
Transporter-2 EPA Facility Name: Not reported
Transporter-3 EPA Facility Name: Not reported
Transporter-4 EPA Facility Name: Not reported
Transporter-5 EPA Facility Name: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	291
Unit:	P
Hand Code:	H14

Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	1034
Unit:	P
Hand Code:	H14

Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H14

Manifest Code:	000113108VES
EPA ID:	NYD986936904
Date Shipped:	06/11/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/11/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/11/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	687
Unit:	P
Hand Code:	H14

Manifest Code:	000180810VES
EPA ID:	NYD986936904
Date Shipped:	12/11/2008
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/11/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/12/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	20
Unit:	P
Hand Code:	H141

Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	10
Unit:	P
Hand Code:	H141

Manifest Code:	000019353VES
EPA ID:	NYD986936904
Date Shipped:	03/29/2007
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H14
Waste Code:	F002
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	400
Unit:	P
Hand Code:	H14
Waste Code:	D002
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	480
Unit:	P
Hand Code:	H14
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	1418
Unit:	P
Hand Code:	H14
Waste Code:	F003
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	800
Unit:	P
Hand Code:	H14
Manifest Code:	NJA5261550
EPA ID:	NYD986936904
Date Shipped:	01/05/2006

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/05/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/05/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02270621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5262980
EPA ID:	NYD986936904
Date Shipped:	01/10/2006
TSDF EPA ID:	NJD980536593

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/10/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/10/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02270621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263059
EPA ID:	NYD986936904
Date Shipped:	01/19/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/19/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/19/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02280625
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263067
EPA ID:	NYD986936904
Date Shipped:	01/23/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/23/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/23/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02280625
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263074
EPA ID:	NYD986936904
Date Shipped:	01/26/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/26/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/26/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03030621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263086
EPA ID:	NYD986936904
Date Shipped:	02/03/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/03/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/03/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03170621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263020
EPA ID:	NYD986936904
Date Shipped:	02/06/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/06/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/06/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03170621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263019
EPA ID:	NYD986936904
Date Shipped:	02/09/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/09/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/09/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03230621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263012
EPA ID:	NYD986936904
Date Shipped:	02/16/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/16/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/16/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04050621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5263016
EPA ID:	NYD986936904
Date Shipped:	02/16/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/16/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/16/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04050621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5319067
EPA ID:	NYD986936904
Date Shipped:	02/23/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans1 Transported Waste:	02/23/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/23/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04200621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5319074
EPA ID:	NYD986936904
Date Shipped:	02/27/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/27/2006

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/27/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04200621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5319161
EPA ID:	NYD986936904
Date Shipped:	03/02/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/02/2006
Date Trans2 Transported Waste:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/02/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05010621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5319092
EPA ID:	NYD986936904
Date Shipped:	03/09/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/09/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/09/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05150621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5319096
EPA ID:	NYD986936904
Date Shipped:	03/13/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/13/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/13/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05150621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5316034
EPA ID:	NYD986936904
Date Shipped:	03/20/2006
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJD080631369
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/20/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/20/2006
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05250621
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID:	110000323294
Plant name:	ACP BK I LLC - 630 FLUSHING AVE
Plant address:	630 FLUSHING AVE BROOKLYN, NY 11206
County:	KINGS
Region code:	02
Dunn & Bradst #:	134489525
Air quality cntrl region:	043
Sic code:	2834
Sic code desc:	PHARMACEUTICAL PREPARATIONS
North Am. industrial classf:	325412
NAIC code description:	Pharmaceutical Preparation Manufacturing
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE REGULATIONS OR LIMITATIONS.

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:
Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 010822
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030314
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 030324
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 030324
Penalty amount: Not reported

Air program: NESHAP
National action type: PCE/OFF-SITE
Date achieved: 030324
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030721
Penalty amount: Not reported

Air program: NESHAP
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030721
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030721
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030721
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030721
Penalty amount: Not reported

Air program: SIP SOURCE

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

National action type: PCE/OFF-SITE
Date achieved: 040130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 050130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: NXXXXX
Date achieved: 050727
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 050804
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 060201
Penalty amount: Not reported

Air program: NSPS
National action type: PCE/OFF-SITE
Date achieved: 060201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 080206
Penalty amount: Not reported

Air program: NSPS
National action type: PCE/OFF-SITE
Date achieved: 080802
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080828
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080915
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080915

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Penalty amount: Not reported

Air program: NESHAP
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080915
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080915
Penalty amount: Not reported

Air program: NSR
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080915
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090325
Penalty amount: Not reported

Air program: NSR
National action type: PCE/OFF-SITE
Date achieved: 110126
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110126
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 110126
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 971028
Penalty amount: 000000000

Air program: NSPS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 990217
Penalty amount: 000000000

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Hist compliance date: 1001
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: NSR

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: NESHAP

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103

ACP BK I LLC - 630 FLUSHING AVE (Continued) **1000458301**

Air prog code hist file: TITLE V PERMITS

L90 **PFIZER INC** **NY UST** **U004064026**
WSW **630 FLUSHING AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.109 mi.
575 ft. **Site 4 of 5 in cluster L**

Relative:
Lower

Actual:
13 ft.

UST:

Id/Status:	2-017329 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2012/11/16
UTM X:	588836.53532999998
UTM Y:	4505943.3720899997
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	125
Affiliation Type:	Facility Owner
Company Name:	PFIZER INC
Contact Type:	SITE LEADER
Contact Name:	BILL BARBERICH
Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/16/2007

Site Id:	125
Affiliation Type:	Mail Contact
Company Name:	PFIZER INC
Contact Type:	Not reported
Contact Name:	MANUEL LOPEZ
Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	125
Affiliation Type:	On-Site Operator
Company Name:	PFIZER INC
Contact Type:	Not reported

PFIZER INC (Continued) **U004064026**

Contact Name:	PFIZER INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	125
Affiliation Type:	Emergency Contact
Company Name:	PFIZER INC
Contact Type:	Not reported
Contact Name:	PFIZER SECURITY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-8911
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	002
Tank ID:	30762
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	12/01/1933
Date Tank Closed:	06/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None

PFIZER INC (Continued) **U004064026**

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 30767
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 18000
Install Date: 12/01/1955
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 30763
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 30000
Install Date: 12/01/1955
Date Tank Closed: 06/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

PFIZER INC (Continued) **U004064026**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	006
Tank ID:	30764
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	30000
Install Date:	12/01/1955
Date Tank Closed:	06/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	007
Tank ID:	30765
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	30000
Install Date:	12/01/1955
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

PFIZER INC (Continued) **U004064026**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None

Tank Number: 008
Tank ID: 30766
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 30000
Install Date: 12/01/1955
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: 209
Tank ID: 30770
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 1500
Install Date: 12/01/1977
Date Tank Closed: Not reported

PFIZER INC (Continued) **U004064026**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 210
Tank ID: 30771
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 21A

PFIZER INC (Continued) **U004064026**

Tank ID:	30772
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	D1E
Tank ID:	30768
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	12/01/1932
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

PFIZER INC (Continued) **U004064026**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	FO-1
Tank ID:	41683
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	04/01/1991
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
C01 - Pipe Location - Aboveground
G04 - Tank Secondary Containment - Double-Walled (Underground)
F06 - Pipe External Protection - Wrapped
B03 - Tank External Protection - Original Impressed Current
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	FO-2
Tank ID:	41684
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	04/01/1991
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

PFIZER INC (Continued) **U004064026**

Equipment Records:

B03 - Tank External Protection - Original Impressed Current
F06 - Pipe External Protection - Wrapped
G04 - Tank Secondary Containment - Double-Walled (Underground)
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm

Tank Number:	G01
Tank ID:	56702
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	G02
Tank ID:	56703
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	09/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

PFIZER INC (Continued) **U004064026**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: G03
Tank ID: 56704
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

Tank Number: G04
Tank ID: 56705
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1999

PFIZER INC (Continued) **U004064026**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: G05
Tank ID: 56706
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: G06

PFIZER INC (Continued) **U004064026**

Tank ID: 56707
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

Tank Number: GAS
Tank ID: 30769
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1932
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

PFIZER INC (Continued) **U004064026**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number:	GST
Tank ID:	30773
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	2000
Install Date:	12/01/1930
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	P10
Tank ID:	30777
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

PFIZER INC (Continued) **U004064026**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: PK6
Tank ID: 30778
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: PK7
Tank ID: 30774
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1951
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

PFIZER INC (Continued) **U004064026**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: PK8
Tank ID: 30775
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: 12/01/1932
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: PK9
Tank ID: 30776
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

PFIZER INC (Continued) **U004064026**

Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

L91 **PFIZER INC** **NY CBS AST** **S100560594**
WSW **630 FLUSHING AVENUE** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11206** **NY CBS**
0.109 mi.
575 ft. **Site 5 of 5 in cluster L**

Relative:
Lower

Actual:
13 ft.

CBS AST:
CBS Number: 2-000082
ICS Number: 2-017329
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: ACTIVE FACILITY
Facility Type: MANUFACTURING
Telephone: (718) 780-8880
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 04/18/2002
Total Capacity of All Active Tanks(gal): 30000
Operator: PFIZER INC.
Emergency Contact: PFIZER SECURITY
Emergency Phone: (718) 780-8880
Owner Name: PFIZER INC. BROOKLYN PLANT
Owner Address: 630 FLUSHING AVENUE
Owner City,St,Zip: BROOKLYN, NY 11206
Owner Telephone: (718) 780-8880
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: PFIZER INC.
Mail Contact Addr: 630 FLUSHING AVENUE
Mail Contact Addr2: Not reported
Mail Contact Contact: THOMAS J. SNEE
Mail Contact City,St,Zip: BROOKLYN, NY 11206
Mail Phone: (718) 780-8880

Tank Id: BT-01

PFIZER INC (Continued) **S100560594**

CAS Number:	67641
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	04/00
Tank Closed:	Not reported
Capacity (Gal):	10000
Chemical:	2-Propanone
Tank Location:	ABOVEGROUND
Tank Type:	Stainless steel alloy
Total Tanks:	3
Tank Secret:	False
Tank Containment:	Excavation/Tranch Liner
Tank Error Status:	No Missing Data
Date Entered:	04/17/2000
Certified Date:	11/21/2000
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	0
Pipe Containment:	None
Pipe Flag:	None
Leak Detection:	Electronic
Overfill Protection:	23
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	08/20/91
Is It There:	False
Delinquent:	False
Date Expired:	07/05/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	12/27/2001

Tank Id:	BT-03
CAS Number:	67641
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	04/00
Tank Closed:	Not reported
Capacity (Gal):	10000
Chemical:	2-Propanone
Tank Location:	ABOVEGROUND
Tank Type:	Stainless steel alloy
Total Tanks:	3
Tank Secret:	False
Tank Containment:	Excavation/Tranch Liner
Tank Error Status:	No Missing Data

PFIZER INC (Continued) **S100560594**

Date Entered:	04/17/2000
Certified Date:	11/21/2000
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	0
Pipe Containment:	None
Pipe Flag:	None
Leak Detection:	Electronic
Overfill Protection:	23
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	08/20/91
Is It There:	False
Delinquent:	False
Date Expired:	07/05/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	12/27/2001

Tank Id:	BT-02
CAS Number:	67641
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	04/00
Tank Closed:	Not reported
Capacity (Gal):	10000
Chemical:	2-Propanone
Tank Location:	ABOVEGROUND
Tank Type:	Stainless steel alloy
Total Tanks:	3
Tank Secret:	False
Tank Containment:	Excavation/Tranch Liner
Tank Error Status:	No Missing Data
Date Entered:	04/17/2000
Certified Date:	11/21/2000
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	None
Pipe External:	0
Pipe Containment:	None
Pipe Flag:	None
Leak Detection:	Electronic
Overfill Protection:	23

PFIZER INC (Continued) **S100560594**

Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	08/20/91
Is It There:	False
Delinquent:	False
Date Expired:	07/05/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	12/27/2001

Tank Id:	12B20
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/40
Tank Closed:	03/91
Capacity (Gal):	572
Chemical:	Hydrochloric acid
Tank Location:	ABOVEGROUND
Tank Type:	Other
Total Tanks:	3
Tank Secret:	False
Tank Containment:	None
Tank Error Status:	Minor Data Missing
Date Entered:	07/05/1989
Certified Date:	11/21/2000
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	OTHER
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Containment:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	08/20/91
Is It There:	False
Delinquent:	False
Date Expired:	07/05/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True

PFIZER INC (Continued) **S100560594**

Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 12/27/2001

Tank Id:	22-S9
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/40
Tank Closed:	03/91
Capacity (Gal):	580
Chemical:	Sodium hydroxide
Tank Location:	ABOVEGROUND
Tank Type:	Stainless steel alloy
Total Tanks:	3
Tank Secret:	False
Tank Containment:	None
Tank Error Status:	Minor Data Missing
Date Entered:	07/05/1989
Certified Date:	11/21/2000
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Containment:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	08/20/91
Is It There:	False
Delinquent:	False
Date Expired:	07/05/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	12/27/2001

Click this hyperlink while viewing on your computer to access
18 additional NY_AST_CBS: record(s) in the EDR Site Report.

NY MANIFEST:

EPA ID:	NYD986936904
Country:	USA
Mailing Name:	PFIZER INC
Mailing Contact:	JULIAN OLIVERI
Mailing Address:	630 FLUSHING AVE
Mailing Address 2:	Not reported

PFIZER INC (Continued) **S100560594**

Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-780-8851

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2012-01-03
Trans1 Recv Date:	2012-01-03
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-01-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	ALD000622464
Waste Code:	Not reported
Quantity:	20500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	000530994VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

PFIZER INC (Continued) **S100560594**

TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	140.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

PFIZER INC (Continued) **S100560594**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	56.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

PFIZER INC (Continued) **S100560594**

Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15

PFIZER INC (Continued) **S100560594**

Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

PFIZER INC (Continued) **S100560594**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	90.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported

PFIZER INC (Continued) **S100560594**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	140.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

PFIZER INC (Continued) **S100560594**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD080631369
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: 2009-01-15
TSD Site Recv Date: 2009-01-16
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986936904
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 1.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2009
Manifest Tracking Num: 000181191VES
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD080631369
Trans2 State ID: NJD080631369
Generator Ship Date: 2009-01-15
Trans1 Recv Date: 2009-01-15
Trans2 Recv Date: 2009-01-15
TSD Site Recv Date: 2009-01-16
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986936904
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD980536593
Waste Code: Not reported
Quantity: 56.0
Units: P - Pounds
Number of Containers: 2.0

PFIZER INC (Continued) **S100560594**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369

PFIZER INC (Continued) **S100560594**

Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	90.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N

PFIZER INC (Continued) **S100560594**

Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported

PFIZER INC (Continued) **S100560594**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	140.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	56.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

PFIZER INC (Continued) **S100560594**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD080631369
Trans2 State ID:	NJD080631369
Generator Ship Date:	2009-01-15
Trans1 Recv Date:	2009-01-15
Trans2 Recv Date:	2009-01-15
TSD Site Recv Date:	2009-01-16
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936904
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD980536593
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000181191VES
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
14 additional NY_MANIFEST: record(s) in the EDR Site Report.

CBS:

CBS Number:	2-000082
Program Type:	CBS
Facility Status:	Unregulated
Expiration Date:	N/A
Dec Region:	2
UTMX:	588848.06590000
UTMY:	4505936.2976099

O92 **LOT 24,TAXBLOCK 2269** **NY E DESIGNATION** **S110242370**
NNW **88 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.109 mi.
575 ft. **Site 6 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	ELLENBOGEN JANICE
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 24,TAXBLOCK 2269 (Continued) **S110242370**

Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000039150
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194962
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 24,TAXBLOCK 2269 (Continued) **S110242370**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	ELLENBOGEN JANICE
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000039150
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194962
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 24,TAXBLOCK 2269 (Continued) **S110242370**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	24
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E1
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	ELLENBOGEN JANICE
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000002500
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 24,TAXBLOCK 2269 (Continued) **S110242370**

Land Assessed Value:	00000016875
Total Assessed Value:	00000039150
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690024
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999046
Y Coordinate:	0194962
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

P93 **LOT 30,TAXBLOCK 2269** **NY E DESIGNATION** **S110242386**
North **90 THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.110 mi.
580 ft. **Site 2 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	30
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2

LOT 30,TAXBLOCK 2269 (Continued) **S110242386**

Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690030
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999177
Y Coordinate:	0194985
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported

LOT 30,TAXBLOCK 2269 (Continued) **S110242386**

Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	30
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	CITY OF NEW YORK
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00

LOT 30,TAXBLOCK 2269 (Continued) **S110242386**

Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690030
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999177
Y Coordinate:	0194985
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O94 **LOT 38,TAXBLOCK 2266** **NY E DESIGNATION** **S110242401**
NNW **95 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.110 mi.
580 ft. **Site 7 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	38
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14

LOT 38,TAXBLOCK 2266 (Continued) **S110242401**

City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	LEIBY ZIPORA
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000002500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000040140
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660038
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998963

LOT 38,TAXBLOCK 2266 (Continued) **S110242401**

Y Coordinate:	0195035
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	38
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	F9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	LEIBY ZIPORA
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000002500
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001

LOT 38,TAXBLOCK 2266 (Continued) **S110242401**

Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000040140
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660038
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998963
Y Coordinate:	0195035
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

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95 **EDR US Hist Auto Stat** **1015627254**
NNE **76 BARTLETT ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.110 mi.
580 ft.

Relative:
Higher

Actual:
15 ft.

EDR Historical Auto Stations:

Name:	SANG AUTO REPAIR
Year:	2008
Address:	76 BARTLETT ST
Name:	SANG AUTO REPAIR
Year:	2009
Address:	76 BARTLETT ST

(Continued) **1015627254**

Name: SANG AUTO BODIES
Year: 2010
Address: 76 BARTLETT ST

96
WSW
< 1/8
0.111 mi.
584 ft.

MANHOLE 504
NW FLUSHING AVE/ BARTLETT
BROOKLYN, NY

NY Spills **S106968709**
N/A

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0502983
DER Facility ID:	293813
Facility Type:	ER
Site ID:	347488
DEC Region:	2
Spill Date:	6/11/2005
Spill Number/Closed Date:	0502983 / 8/22/2005
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	6/12/2005
CID:	77
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/13/2005
Spill Record Last Update:	8/22/2005
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	ERT DESK
Contact Phone:	(212) 580-8383
DEC Memo:	e2mis no 159103SAL DIMAURO FOUND APXX 1 PT OF UNKNOWN OIL ON APPX 500 GALS OF WATER IN THE STRUCTURE. NO SEWERS, WATERWAYS OR PRIVATE PROPERTY AFFECTED. SPILL APPEARS TO BE CONTAINED TO THE STRUCTURE. THERE IS NO VISUAL WATER MOVEMENT, WATER IS STANDING STILL, AND HE CANNOT VERIFY ANY SEWER CONNECTIONS, SUMPS OR SUBSTANTIAL CRACKS IN THE STRUCTURE AT THIS TIME.ENVIRONMENTAL TAG NO. 38134 HAS BEEN PLACED IN THE STRUCTURE. A SAMPLE HAS BEEN TAKEN FOR PCB'S, UPDATE 06-11-05 1632HRSResults of Analysis - PCBs < 1 ppmUPDATE: 6/12/05 - 0200J. IOCCO - ENV. OPS., REPORTS THAT HE IS UNABLE TO COMPLETE THE CLEANUP DUE TO A MESS OF CABLE THAT NEEDS TO BE RERACKED. AN U.G. CREW WILL MEET ENV ON THE NEXT SHIFT TO RE-RACK THE CABLE AND COMPLETE THE CLEANUP.UPDATE: 12-JUNE-2005 1300HRS IOCCO REPORTS DOUBLE WASHED STRUCTURE WITH BIO GEN 760. REMOVED ALL LIQUIDS FROM STRUCTURE. FOUND SUMP SEALED. REMOVED TAG # 38134. JOB COMPLETE

MANHOLE 504 (Continued) **S106968709**

100%JR78448UPDATE JUNE 12,05 19:20 HRS PER FDR REP D. ROBSON U/G RESPONDED TO LOCATION ONJUNE 12 AND FIXED THE CABLE. EV.Closed. 8-22-05. George Breen

Remarks: 1 PINT OF UNKN OIL ON 500 GAL OF WATER IN MANHOLE. COMING OFF 24 HR CLOCK. CLEAN-UP PENDING REMOVAL OF EXCESS CABLE. WILL CONTINUE PROCESS. NO TO 5 QUESTIONS. CON ED REF 159103.

Material:

Site ID:	347488
Operable Unit ID:	1105219
Operable Unit:	01
Material ID:	1502605
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

O97 **LOT 37,TAXBLOCK 2266** **NY E DESIGNATION** **S110242400**
NNW **97 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.111 mi.
584 ft. **Site 8 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	37
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N

LOT 37,TAXBLOCK 2266 (Continued) **S110242400**

Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	8 CITY PROPERTIES LLC
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002500
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000040680
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660037
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998958
Y Coordinate:	0195072
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005

LOT 37,TAXBLOCK 2266 (Continued) **S110242400**

Pluto-Base Map Indicator:	1
Tax Lot(s):	37
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	8 CITY PROPERTIES LLC
Lot Area:	000002500
Total Building Floor Area:	00000002500
Commercial Floor Area:	00000002500
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002500
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016875
Total Assessed Value:	00000040680

LOT 37,TAXBLOCK 2266 (Continued) **S110242400**

Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1968
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660037
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998958
Y Coordinate:	0195072
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

O98 **EDR US Hist Auto Stat** **1015686045**
NNW **97 GERRY ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.111 mi.
584 ft. **Site 9 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	GARCIA AUTO REPAIR
Year:	1999
Address:	97 GERRY ST
Name:	GARCIA AUTO REPAIR
Year:	2000
Address:	97 GERRY ST
Name:	GARCIA AUTO REPAIR
Year:	2001
Address:	97 GERRY ST
Name:	GARCIA AUTO REPAIR
Year:	2002
Address:	97 GERRY ST
Name:	GARCIA AUTO REPAIR
Year:	2003
Address:	97 GERRY ST
Name:	GRACIA AUTO REPAIR

(Continued) **1015686045**

Year: 2005
Address: 97 GERRY ST

P99 **ON GROUND** **NY Spills** **S106737228**
NNW **90-92 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.111 mi.
586 ft. **Site 3 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Facility ID:	0411773
DER Facility ID:	272394
Facility Type:	ER
Site ID:	337051
DEC Region:	2
Spill Date:	2/3/2005
Spill Number/Closed Date:	0411773 / 6/26/2008
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2/3/2005
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/3/2005
Spill Record Last Update:	8/27/2009
Spiller Name:	WALTER ROBERTS
Spiller Company:	ON GROUND
Spiller Address:	90-92 GERRY STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	WALTER ROBERTS
Contact Phone:	(212) 863-8482
DEC Memo:	Sangesland called "Earth Tech Environmental" back to ask about this "spill"Contact said a 20 gal drum of unknown oil was found on the property during soil borings (part of a phase 2 on the site). Sangesland informed Earth Tech that the property owner was responsible for removing the drum from the site, NOT the DEC.Sangesland told Earth Tech to remove the drum, over excavate any contmainated soil, take 1 end point sample, forward a report to DEC with writeup, test results and waste manifest.04/13/06- Case was transferred from Jake Krimgold to Koon Tang.08/27/2009 - Copy of Phase 2 report was submitted by Earth Tech.In 2005, during excavation of Test Pit #29 on the site, a drum was discovered at approx 7 ft depth. Drum contained unknown black oil which was leaking. Spill was called in to DEC. Visually contaminated soils were excavated from a depth of 10 ft below grade (approx 35 tons) of soil was removed. Soil sample #TP29-10 was tested and came back No VOCs, or SVOCs therefore

ON GROUND (Continued) **S106737228**

no additional excavation work was necessary at this site.
Remarks: 1-25 GALLON DRUM IN A TEST PIT: DEC CALL TO SEE IF IT CAN BE PICKED UP:

Material:
Site ID: 337051
Operable Unit ID: 1099035
Operable Unit: 01
Material ID: 579358
Material Code: 0064A
Material Name: UNKNOWN MATERIAL
Case No.: Not reported
Material FA: Other
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

P100 **LOT 25,TAXBLOCK 2269** **NY E DESIGNATION** **S110242374**
NNW **90 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.111 mi.
586 ft. **Site 4 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:
Tax Lot(s): 25
E-No: E-238
Effective Date: 12/22/2009
Satisfaction Date: Not reported
Ceqr Number: 09HPD019K
Ulurp Number: 090413ZMK
Zoning Map No: 13b
Description: Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code: BK
Community District: 301
Census Tract: 507
Census Block: 2001
School District: 14
City Council District: 33
Fire Company: E230
Health Area: 30
Police Precinct: 090
Zone District 1: M1-2
Zone District 2: Not reported
Commercial Overlay1: Not reported
Commercial Overlay2: Not reported
Special Purpose District1: Not reported
Special Purpose District2: Not reported
All Components1: M1-2
All Components2: Not reported
Split Boundary Indicator: N
Building Class: V1
Land Use Category: 11

LOT 25,TAXBLOCK 2269 (Continued) **S110242374**

Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	GOLDEN WAN INTERNATIO
Lot Area:	000005500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0055.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049950
Total Assessed Value:	00000049950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690025
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999095
Y Coordinate:	0194965
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

LOT 25,TAXBLOCK 2269 (Continued) **S110242374**

Tax Lot(s):	25
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	GOLDEN WAN INTERNATIO
Lot Area:	000005500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0055.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049950
Total Assessed Value:	00000049950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000

LOT 25,TAXBLOCK 2269 (Continued) **S110242374**

Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690025
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999095
Y Coordinate:	0194965
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	25
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0

LOT 25,TAXBLOCK 2269 (Continued) **S110242374**

Owner, Type of Code:	C
Owner Name:	GOLDEN WAN INTERNATIO
Lot Area:	000005500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0055.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000049950
Total Assessed Value:	00000049950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690025
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999095
Y Coordinate:	0194965
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

P101 **LOT 36,TAXBLOCK 2266** **NY E DESIGNATION** **S110242397**
NNW **99 GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.113 mi.
595 ft. **Site 5 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	36
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V9
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 36,TAXBLOCK 2266 (Continued) **S110242397**

Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660036
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998996
Y Coordinate:	0195065
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	36
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 36,TAXBLOCK 2266 (Continued) **S110242397**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V9
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660036
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998996
Y Coordinate:	0195065
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 36,TAXBLOCK 2266 (Continued) **S110242397**

Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

N102 **CON ED - MH 485** **RCRA NonGen / NLR** **1007206268**
WNW **GERRY ST & HARRISON AVE** **NY MANIFEST** **NYP004006821**
< 1/8 **BROOKLYN, NY 11206**
0.114 mi.
603 ft. **Site 2 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/28/1998
Facility name: CON ED - MH 485
Facility address: GERRY ST & HARRISON AVE
BROOKLYN, NY 112060000
EPA ID: NYP004006821
Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL RM 300
NEW YORK, NY 100030000
Contact: ANTHONY DRUMMINGS
Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 100030000
Contact country: US
Contact telephone: (212) 460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/27/1998
Facility name: CON ED - MH 485
Classification: Not a generator, verified

Date form received by agency: 02/26/1998
Facility name: CON ED - MH 485
Classification: Large Quantity Generator

Violation Status: No violations found

CON ED - MH 485 (Continued) **1007206268**

NY MANIFEST:

EPA ID:	NYP004006821
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYG0250407
Manifest Status:	Completed copy
Trans1 State ID:	SM1563
Trans2 State ID:	Not reported
Generator Ship Date:	970513
Trans1 Recv Date:	970513
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970514
Part A Recv Date:	970527
Part B Recv Date:	970523
Generator EPA ID:	NYP004006821
Trans1 EPA ID:	NYD006982359
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B003 - PETROLEUM OIL WITH 500 PPM OR > PCB
Quantity:	04325
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

N103 **CON EDISON** **NY MANIFEST** **S113815114**
WNW **HARRISON AVE & GERRY ST** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.114 mi.
603 ft. **Site 3 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:

EPA ID:	NYP004314803
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-3770

CON EDISON (Continued) **S113815114**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	20-May-2013 00:00:00
Trans1 Recv Date:	20-May-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	21-May-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004314803
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	002017464GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

N104 **MANHOLE 1144** **NY Spills** **S106012844**
WNW **GERRY ST/HARRISON AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.114 mi.
603 ft. **Site 4 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0300137
DER Facility ID:	187060
Facility Type:	ER
Site ID:	226631
DEC Region:	2
Spill Date:	4/4/2003
Spill Number/Closed Date:	0300137 / 7/18/2003
Spill Cause:	Equipment Failure
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	AERODRIG
Referred To:	Not reported
Reported to Dept:	4/4/2003
CID:	398

MANHOLE 1144 (Continued) **S106012844**

Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/4/2003
Spill Record Last Update:	7/18/2003
Spiller Name:	Not reported
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller City,St,Zip:	NEW YORK, NY 10003
Spiller Company:	001
Contact Name:	KEVIN MCARDLE
Contact Phone:	(212) 580-6763
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RODRIGUEZ"E2MIS 1477744/4/03 02:45 HRS.G. MOORE #18872, SR. FIELD OPERATOR WITH F.O.D., REPORTS WHILE LOCATING FAULT ON FEEDER 6B42 AT 02:40 HRS. FOUNDAPPROX. 20 GAL. TRANSFORMER OIL ON APPROX. 200 GAL. WATER. HE CAN SEE OIL LEAKING FROM TRANSFORMER AND REPORTSTM IS FULL OF WATER. SPILL APPEARS TO BE CONTAINED. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO PRIVATEPROPERTY AFFECTED. NO FIRE OR SMOKE INVOLVED. ENV. STOP TAG # 22574 PLACED. LIQUID SAMPLE TAKEN FROM SPILL ON "E"PRIORITY TURNAROUND. DUE TO AMOUNT OF OIL, F.O.D. TO REMAIN ON LOCATION UNTIL RELIEVED BY ENV. OPS. AND CLEANUPTO BE DONE AS 50-499 PPM USING AN "OVER 50" TANKER. NETWORKS WILL ALSO NEED TO TAKE AN OIL SAMPLE FROM UNIT FORPCB TEST.Info from ECC Warehouse: Historical PCB Count 10 ppm as of 7/16/1987, Lab Seq # 615207.Transformer manufactured by GE, Serial # M135241, manufactured and installed in 1986.02:55 HRS. -- NOTIFIED GENE WILLIAMS, O.S. BROOKLYN ENV. OPS.03:00 HRS. -- NOTIFIED RON JAMES OF BROOKLYN/QUEENS EH&S.03:05 HRS. -- CONTACTED CORPORATE TRANSPORTATION, BILL NEVIN REPORTS NO TANKER AVAILABLE UNTIL 7AM SHIFT.03:10 HRS. -- NOTIFED K. HUFFORD & W. ECKSTEIN OF BROOKLYN ENV. OPS. TO RESPOND WITH VACTOR (AFTER COMPLETINGCURRENT FLUSH JOB FOR F.O.D.)03:19 HRS. -- NOTIFIED K. McARDLE OF C.I.G.03:23 HRS. -- NOTIFIED J. MIDDLETON OF BROOKLYN ENV. OPS. TO RETURN TO YARD AND TAKE SPILL VAN TO CLEANUP (AFTERCOMPLETING CURRENT FLUSH JOB FOR F.O.D.)UPDATE 4/4/03 04:57 HRS. -- R. COSENTINO REPORTS HE IS ON WAY TO LOCATION. HE SPOKE TO R. JAMES WHO INFORMED HIM THATTHE SAMPLE TAKEN BY F.O.D. WAS FROM LOCATION WHERE OIL WAS SPILLING OUT OF TRANSFORMER & THEREFORE IT WILL BESUFFICIENT FOR TESTING PURPOSES -- NO ADDITIONAL SAMPLE FROM UNIT REQUIRED.UPDATE 4/4/03 05:00 HRS. -- GENE WILLIAMS REPORTS HE IS ON LOCATION AND SPILL VAN SHOULD BE RESPONDING SHORTLY. HEWILL HAVE 6AM VACTOR CREW RESPOND TO LOCATION TO FLUSH LINE MANHOLE AND SET UP FOR CLEANUP WITH TANKER IN A.M.4/4/03 05:25 -- EPA ID # NYP004109435 ISSUED BY D. KINDBERG OF E.R.T. -- W.W. #17344 --UPDATE 04-APR-2003 06:30 HRS.HISTORICAL SEWER CONNECTION PLATES INDICATE NO SEWER CONNECTION IN STRUCTURE.UPDATE - 04-APR-2003 06:59 HRS.. LSN# 03-02813 , SAMPLE TYPE: OIL, AROCLOR: 1260,RESULT: < 1. PPM.UPDATE 4-4-03 1050 HRS R. COSENTINO ENVIR REP REPORTS AT 0830 HRS AND UNDER 50 PPM TANKER ARRIVED ON LOCATION. IT WILLSTART TO REMOVE ALL LIQUID FROM STRCUTURE WHEN SAFE. FLUSH OS J. DEKANCHUK WILL REPORT HOW MUCH LIQUID WEREREMOVED FROM STRUCTURE. THEY FOUND "B.PHASE BUSHING

MANHOLE 1144 (Continued) **S106012844**

LEAKING. I&A NETWORK CREW ARRIVED ON LOCATION TO DRAINTRANSF. THEY WILL START TO DRAIN TRANSF WHEN FDR. IS GRD AND READY FOR WORK. THEY WILL CALL WITH HOW MUCH OILWAS DRAIN FROM TRANSF. DEP DID NOT COME TO LOCATION AS OF 1100 HRS LAZ # 04425UPDATE 4-4-03 1130 HRS J. DEKANCHUK OS FLUSH DEPT REPORTS THEY DRAINED ALL LIQUIDS FROM STRUCTURE. UNDER 50 PPMTANKER REMOVED 2300 GALLONS WATER & OIL . TRANSF STILL HAS TO BE DRAINED. ENVIRONMENTAL OPS EMPLOYEES ESPONDA &RYAN PERFORMED A PRELIMINARY CLEANUP, THE DOUBLE WASHED STRUCTURE WITH BIO GEN 760. TAG REMAINS IN PLACE PENDINGTRANSFORMER REMOVAL....UPDATE 4/4/03 18:15 HRS. -- E. DITRENTO #52669 OF EQUIPMENT GROUP REPORTS 320 GALS OF OIL WAS DRAINED FROM THE TRANSFORMERAND CAPACITY WAS 340 GAL. (THIS INDICATES 20 GALS. OIL MISSING, WHICH MATCHES SPILL AMOUNT ORIGNALLY REPORTED).UPDATE 4-17-03 1600 HRS G. KERN MECH "A" FLUSH DEPT REPORTS CLEANUP IS COMPLETED . HE DOUBLE WASH STRUCTURE WITHBIO-JEN 760. HE REMOVED ALL LIQUIDS WITH HIS VACTOR. THEY DID NOT FINE A SUMP OR SEWER CONNECTION. THEY REMOVEDAND INSTALLED NEW TRANSF. E.S.TAG # 22574 REMOVED. LAZ # 04425

Remarks: ON 200 GALS OF WATER. 10 PPM PCB TAKEN IN '97.

Material:

Site ID:	226631
Operable Unit ID:	866204
Operable Unit:	01
Material ID:	508212
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

N105 **DRUM RUN** **NY Spills** **S109581900**
WNW **GERRY ST & HARRISON AVE INTERSECTION** **N/A**
< 1/8 **BROOKLYN, NY**
0.114 mi.
604 ft. **Site 5 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

SPILLS:

Facility ID:	0900534
DER Facility ID:	361657
Facility Type:	ER
Site ID:	412477
DEC Region:	2
Spill Date:	4/15/2009
Spill Number/Closed Date:	0900534 / 4/20/2009
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	HRAHMED
Referred To:	Not reported

DRUM RUN (Continued) **S109581900**

Reported to Dept:	4/15/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/15/2009
Spill Record Last Update:	4/20/2009
Spiller Name:	GAVIN NAVARRO
Spiller Company:	UNKNOWN
Spiller Address:	GARY ST & HARRISON AVE INTERSECTION
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	999
Contact Name:	GAVIN NAVARRO
Contact Phone:	Not reported
DEC Memo:	04/20/09-HRAHMED-One drum was found at this location during drum run on 04/16/09. Fenley & Nicol Emptied that drum. NYC DEP and Sanitation was notified.This case is closed.
Remarks:	DEP reporting that a half-full 55 gallon drum of unknown petroleum, possibly waste oil, abandoned.

Material:

Site ID:	412477
Operable Unit ID:	1168945
Operable Unit:	01
Material ID:	2160578
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

P106 **LOT 29,TAXBLOCK 2269** **NY E DESIGNATION** **S110242382**
North **88 THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.115 mi.
605 ft. **Site 6 of 7 in cluster P**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:

Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b

LOT 29,TAXBLOCK 2269 (Continued) **S110242382**

Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported

LOT 29,TAXBLOCK 2269 (Continued) **S110242382**

Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999146
Y Coordinate:	0194993
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000

LOT 29,TAXBLOCK 2269 (Continued) **S110242382**

Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999146
Y Coordinate:	0194993
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

N107 **V4821** **RCRA NonGen / NLR** **1007206956**
WNW **48 GERRY STREET** **NY MANIFEST** **NYP004034575**
< 1/8 **NEW YORK CITY, NY 11206**
0.115 mi.
607 ft. **Site 6 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	V4821
Facility address:	48 GERRY STREET NEW YORK CITY, NY 11206
EPA ID:	NYP004034575
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/02/2001
Facility name:	V4821
Classification:	Not a generator, verified

Date form received by agency:	01/01/2001
Facility name:	V4821
Classification:	Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004034575
Country:	USA
Mailing Name:	CONSOLIDATED EDISON COMPANY OF NEW YORK
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828

V4821 (Continued) **1007206956**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0232852
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/08/1999
Trans1 Recv Date:	01/08/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/10/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004034575
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	80336AB
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00627
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	99

Document ID:	NYE0256410
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/08/1999
Trans1 Recv Date:	01/08/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/11/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004034575
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	31877AJ
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	02945
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

N108 **PFIZER SITES B AND D** **NY VCP** **S106906497**
WNW **59-71 GERRY ST. AND 73-87 GERRY ST.** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.116 mi.
611 ft. **Site 7 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

VCP:

Program Type:	VCP
Site Code:	58206
HW Code:	V00350
Site Class:	A
SWIS:	2401
Region:	2
Town:	New York City
Acres:	1.470
Date Record Added:	11/30/2000
Date Record Updated:	04/09/2013
Updated By:	JHOCONNE
Site Description:	Location:Pfizer Sites B and D (collectively Site No. V00350) are located at the addresses 59-71 and 73-87 Gerry St. (Pfizer Site B), and 191 Harrison Ave and 60-66 Gerry St. (Pfizer Site D) in Brooklyn New York. Pfizer Site B is comprised of Block 2266, Lot 46 and part of Lot 1, and Pfizer Site D is comprised of Block 2269 Lot 1. It should be noted that references to Site B and Site D below are names designated by the Volunteer (Pfizer Inc.) for their properties and do not refer to Department designated Sites or operable units.Site Features:The VCP site comprised of Pfizer Site B and Site D is 1.47 acres in size. Pfizer Site B, located on the north side of Gerry Street, is bordered by Harrison Avenue to the west; multi-family residences, a former auto body garage and vacant land to the north; vacant land to the east; and Gerry Street and Pfizer Site D to the south. Pfizer Site B is currently vacant. Pfizer Site D, located on the south side of Gerry Street, is bordered by Harrison Avenue to the west; vacant lots to the east; Gerry Street and Pfizer Site B to the north; and a vacant, condemned apartment building and Bartlett Street to the South. Pfizer Site D consists of five interconnected buildings. These buildings surround three sides of a condemned apartment building (not Pfizer owned) that abuts Site D to the south and fronts on Bartlett Street. Current Zoning/uses:The Site is located in a commercial district overlay within a residential zoning district. Historical Use:Pfizer leased the western portion of Site B from the previous owner from 1954 to 2004; it has been vacant since the 1950s and occasionally used as a parking lot. The western portion of Pfizer Site B was sold by then-owner Ruth Apfrelbaum to Congregation YGS in 2004. The eastern portion of the property was purchased by Pfizer in 1964 and used as a warehouse for the storage of raw materials/dry goods, spare equipment parts, and packaging materials. Prior to Pfizers ownership, it was used as a garage and truck rental facility. Site D was formerly leased from Pfizer by Arlington Press, a company that specializes in labels and package inserts for the pharmaceutical industry. Soil removal activities were performed on the eastern portion of Pfizer Site B in 2002, and included the excavation of 9 Underground Storage Tanks (USTs), 2 tank-like structures, and removal of 4,735 tons of impacted soil and 18,449 gallons of groundwater (including perched groundwater). Sampling performed since the removal activities indicate that VOCs are no longer present in soil; and that petroleum-related VOCs in groundwater have been substantially reduced.Operable Units:An operable unit represents a portion of a remedial program for a site

PFIZER SITES B AND D (Continued) **S106906497**

that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination.Because of the separate ownership and separate remediation and development schedules, the Site has been divided into two Operable Units. The eastern portion of Site B as well as Site D, owned by Pfizer, is Operable Unit 1 (OU-1). The western portion of Site B, owned by Congregation YGS, is Operable Unit 2 (OU-2). Site Geology and Hydrogeology:The Site is underlain by a layer of fill material approximately 8 to 10 feet thick. Beneath the fill layer is a green clay/silt stratum of approximately 2 to 3 feet thick, followed by a brown fine to medium sand stratum with small amounts of clay and silt of approximately 15 feet. Beneath the sand is a silt/clay layer which has been identified as a confining layer. Groundwater is approximately 6 to 10 feet below surface grade. On Site B, groundwater flow direction is generally northeast in the eastern portion of the Site and west/northwest in the western portion of the site. It has not yet been confirmed if groundwater flow direction is similar for Site D.

Env Problem: Nature and Extent of Contamination:OU-1 Eastern portion of Site B and Site D (Pfizer-owned properties):Soil:On the OU-1 portion of Site B, investigations have identified volatile organic compounds (VOCs) in soil; both petroleum-related BTEX compounds (benzene, toluene, ethylbenzene and xylenes) and chlorinated solvents (cVOCs). The source area was determined to be the eastern portion of Site B to a depth of approximately 8 to 10 feet below grade. Soil removal activities were performed in 2002, and included the excavation of 9 Underground Storage Tanks (USTs), 2 tank-like structures, and removal of 4,735 tons of impacted soil and 18,449 gallons of groundwater (including perched groundwater). Following the removal activities, sampling indicated that VOCs in soil no longer exceed NYSDEC Soil Cleanup Objectives (SCOs). Semi-volatile organic compounds (SVOCs) and metals have also been identified on Site B. Metals include lead as high as 2,020 parts per million (ppm), mercury as high as 61.4 ppm, arsenic as high as 307 ppm, barium as high as 1,250 ppm, and chromium as high as 75.7 ppm. SVOCs include benzo(a)anthracene as high as 75 ppm, chrysene as high as 87 ppm, benzo(a)pyrene as high as 59 ppm, indeno(1,2,3-cd)pyrene as high as 43 ppm, and dibenz(a,h)anthracene as high as 25 ppm.A Remedial Investigation is underway at Site D. Preliminary sampling has identified chlorinated VOCs in soil at elevated levels in one boring on the eastern part of the site. Tetrachloroethene was detected at 2.2 ppm, trichloroethene at 2.7 ppm, cis-1,2-dichloroethene at 120 ppm, and vinyl chloride at 1.2 ppm. Groundwater:On the OU-1 portion of Site B, investigations have identified two distinct contaminant plumes: a BTEX plume and a cVOC plume. Chlorinated VOCs (cVOCs) were found to persist throughout the majority of the Site, whereas BTEX compounds were limited to the eastern portion of the Site to a depth of approximately 10 to 30 ft bls. The cVOC plume is present across the entire Site to an approximate depth of 10 to 30 ft bls. In 2006, an air sparge/soil vapor extraction (AS/SVE) system was installed to address groundwater contamination remaining at the site following the source removal work. The system was operated from October, 2006 to February, 2011. Quarterly groundwater monitoring performed during that time period indicated that the system was effective (approximately 158.67 pounds of VOCs were removed throughout the operation of the system); however, removal of VOCs became asymptotic and operation of the

PFIZER SITES B AND D (Continued) **S106906497**

system was therefore discontinued in February 2011. The system remains intact, however. The AS/SVE system has been effective in reducing BTEX compounds in groundwater to below groundwater standards. Currently, some petroleum-related contaminants are still present; however, the primary contaminants of concern remaining following operation of the AS/SVE system are cVOCs. In February 2011 groundwater sampling on Site B, cVOCs detected in groundwater included: tetrachloroethene as high as 22 ppb, trichloroethene as high as 18 ppb, cis-1,2-dichloroethene as high as 350 ppb, and vinyl chloride as high as 29 ppb. A Remedial Action Work Plan is being prepared to address remaining contamination.On Site D, preliminary sampling performed to date has identified chlorinated VOCs in groundwater on the eastern part of the Site. Tetrachloroethene was detected as high as 4,500 ppb, trichloroethene as high as 1,300 ppb, cis-1,2-dichloroethene as high as 110,000 ppb, and vinyl chloride as high as 15,000 ppb. These contaminants have been identified at levels exceeding standards, criteria and guidance as deep as 30-35 feet below surface grade.Soil vapor:Soil vapor has been monitored quarterly on OU-1 from two sampling points since August, 2010. Chlorinated solvents have been detected in soil vapor at a maximum concentration of 120 ug/m3 (tetrachloroethene).OU-2: The western portion of Site B (Congregation YGS-owned) is currently under remediation. Following description is for conditions prior to remediation.Soil:Soil on OU-2 contains metals and SVOCs indicative of urban fill, which exists throughout this OU, to depths of approximately 10 feet below grade. Metals that exceed SCOs include lead as high as 6,730 parts per million (ppm), mercury as high as 16.1 ppm, arsenic as high as 20.5 ppm, chromium as high as 33.6 ppm, and barium as high as 2,000 ppm. SVOCs include benzo(a)anthracene as high as 250 ppm, chrysene as high as 270 ppm, benzo(a)pyrene as high as 220 ppm, indeno(1,2,3-cd)pyrene as high as 110 ppm, and dibenz(a,h)anthracene as high as 58 ppm.Groundwater:Chlorinated solvents have been detected in on-site groundwater and are suspected to be coming from the Pfizer property (OU-1) to the east and south. Prior to the operation of the air sparge/soil vapor extraction (AS/SVE) system on OU-1, cis-1,2-dichloroethene was detected as high as 390 parts per billion (ppb) and vinyl chloride as high as 45 ppb. Groundwater sampling performed in 2008 (during the time period of AS/SVE system operation) indicated that these contaminants have decreased in concentration but are still present: cis-1,2-dichloroethene was detected at 97 ppb and vinyl chloride at 21 ppb. Groundwater sampling in 2008 also detected benzene at 1.6 ppb.Soil vapor: Chlorinated solvents and BTEX compounds have been detected in soil vapor. In May 2009 (the most recent soil vapor data available), tetrachloroethene was detected in each of 2 soil vapor sampling points, as high as 180 ug/m3. Individual BTEX compounds were detected below 50 ug/m3.

Health Problem: Since the site is fenced and covered with weathered asphalt and gravel people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil

PFIZER SITES B AND D (Continued) **S106906497**

vapor intrusion. The potential exists for people to inhale site contaminants in indoor air due to soil vapor intrusion in any future on-site building development and occupancy.

N109 **LOT 9,TAXBLOCK 2266** **NY E DESIGNATION** **S110242450**
WNW **366 WALLABOUT STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.116 mi.
611 ft. **Site 8 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	THREE SIX SIX INC
Lot Area:	000000800
Total Building Floor Area:	00000001200
Commercial Floor Area:	00000001200
Office Floor Area:	00000000000
Retail Floor Area:	00000000800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000400
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0016.00
Lot Depth:	0050.00

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Building Frontage:	0016.00
Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000005040
Total Assessed Value:	00000021060
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998599
Y Coordinate:	0194925
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	THREE SIX SIX INC
Lot Area:	000000800
Total Building Floor Area:	00000001200
Commercial Floor Area:	00000001200
Office Floor Area:	00000000000
Retail Floor Area:	00000000800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000400
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0016.00
Lot Depth:	0050.00
Building Frontage:	0016.00
Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000005040
Total Assessed Value:	00000021060
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998599
Y Coordinate:	0194925
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	THREE SIX SIX INC
Lot Area:	000000800
Total Building Floor Area:	00000001200
Commercial Floor Area:	00000001200
Office Floor Area:	00000000000
Retail Floor Area:	00000000800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000400
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0016.00
Lot Depth:	0050.00
Building Frontage:	0016.00

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000005040
Total Assessed Value:	00000021060
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998599
Y Coordinate:	0194925
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	9
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K9
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	THREE SIX SIX INC
Lot Area:	000000800
Total Building Floor Area:	00000001200
Commercial Floor Area:	00000001200
Office Floor Area:	00000000000
Retail Floor Area:	00000000800
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000400
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	002.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0016.00
Lot Depth:	0050.00
Building Frontage:	0016.00
Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000005040
Total Assessed Value:	00000021060
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.50
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660009
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998599
Y Coordinate:	0194925
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 9,TAXBLOCK 2266 (Continued) **S110242450**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

N110 **BAIS RUCHEL HIGH SCHOOL INC** **RCRA-LQG** **1014919590**
WNW **177 HARRISON AVE** **NYR000183780**
< 1/8 **BROOKLYN, NY 11206**
0.116 mi.
611 ft. **Site 9 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

RCRA-LQG:

Date form received by agency:	04/24/2012
Facility name:	BAIS RUCHEL HIGH SCHOOL INC
Facility address:	177 HARRISON AVE BROOKLYN, NY 11206
EPA ID:	NYR000183780
Mailing address:	LEE AVE CO UTA BROOKLYN, NY 11211
Contact:	WOLF ENGLENDER
Contact address:	LEE AVE BROOKLYN, NY 11211
Contact country:	US
Contact telephone:	(718) 963-9260
Telephone ext.:	1277
Contact email:	WOLFE@UTAW.ORG
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CONGREGATION YGS
Owner/operator address:	RODNEY ST BROOKLYN, NY 11211
Owner/operator country:	US
Owner/operator telephone:	(718) 963-9260
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/11/2004
Owner/Op end date:	Not reported
Owner/operator name:	CONGREGATION YGS

BAIS RUCHEL HIGH SCHOOL INC (Continued) **1014919590**

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/11/2004
Owner/Op end date: Not reported

Owner/operator name: CONGREGRATION YGS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/11/2004
Owner/Op end date: Not reported

Owner/operator name: CONGREGRATION YGS
Owner/operator address: RODNEY ST
BROOKLYN, NY 11211
Owner/operator country: US
Owner/operator telephone: (718) 963-9260
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/11/2004
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/14/2012
Facility name: BAIS RUCHEL HIGH SCHOOL INC
Classification: Not a generator, verified

Date form received by agency: 09/07/2011
Facility name: BAIS RUCHEL HIGH SCHOOL INC
Classification: Large Quantity Generator

BAIS RUCHEL HIGH SCHOOL INC (Continued) **1014919590**

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:
Waste code: D008
Waste name: LEAD
Amount (Lbs): 2975400

Violation Status: No violations found

N111 **BAIS RUCHEL HIGH SCHOOL INC** **NY MANIFEST** **S112141356**
WNW **177 HARRISON AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.116 mi.
611 ft. **Site 10 of 10 in cluster N**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:
EPA ID: NYR000183780
Country: USA
Mailing Name: BAIS RUCHEL HIGH SCHOOL INC
Mailing Contact: CONGREGATION YGS
Mailing Address: 174 RODNEY STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-963-9260

NY MANIFEST:
No Manifest Records Available

O112 **LOT 41,TAXBLOCK 2266** **NY E DESIGNATION** **S110242411**
NNW **GERRY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.120 mi.
634 ft. **Site 10 of 10 in cluster O**

Relative:
Higher

Actual:
14 ft.

E DESIGNATION:
Tax Lot(s): 41
E-No: E-238
Effective Date: 12/22/2009
Satisfaction Date: Not reported
Ceqr Number: 09HPD019K

LOT 41,TAXBLOCK 2266 (Continued) **S110242411**

Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 41,TAXBLOCK 2266 (Continued) **S110242411**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660041
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998883
Y Coordinate:	0195007
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	41
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000

LOT 41,TAXBLOCK 2266 (Continued) **S110242411**

Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660041
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998883
Y Coordinate:	0195007
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	41
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK

LOT 41,TAXBLOCK 2266 (Continued) **S110242411**

Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	VINFEILD RLTY CORP
Lot Area:	000002500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000022815
Total Assessed Value:	00000022815
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported

LOT 41,TAXBLOCK 2266 (Continued) **S110242411**

Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660041
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998883
Y Coordinate:	0195007
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Q113 **EMS @ WOODHULL HOSPITAL** **NY UST** **U003652107**
East **720 FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.122 mi.
644 ft. **Site 1 of 2 in cluster Q**

Relative:
Higher

Actual:
19 ft.

UST:

Id/Status:	2-604099 / Administratively Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589263.58996000001
UTM Y:	4506016.9424799997
Site Type:	Other

Affiliation Records:

Site Id:	25983
Affiliation Type:	Facility Owner
Company Name:	F.D.N.Y.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	9 METROTECH CENTER
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201-3857
Country Code:	001
Phone:	(718) 999-2094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25983
Affiliation Type:	Mail Contact

EMS @ WOODHULL HOSPITAL (Continued) **U003652107**

Company Name:	NEW YORK CITY FIRE DEPARTMENT
Contact Type:	Not reported
Contact Name:	DIRECTOR-FDNY BLDG MAINT
Address1:	48-34 35TH STREET
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 784-6510
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25983
Affiliation Type:	On-Site Operator
Company Name:	EMS @ WOODHULL HOSPITAL
Contact Type:	Not reported
Contact Name:	EMS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 999-2094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	25983
Affiliation Type:	Emergency Contact
Company Name:	F.D.N.Y.
Contact Type:	Not reported
Contact Name:	JOSEPH MASTROPIETRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 999-2094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	56687
Tank Status:	Administratively Closed
Material Name:	Administratively Closed
Capacity Gallons:	2500
Install Date:	05/01/1999

EMS @ WOODHULL HOSPITAL (Continued) **U003652107**

Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	cgfreedm
Last Modified:	05/25/2004

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D08 - Pipe Type - Equivalent Technology
H05 - Tank Leak Detection - In-Tank System (ATG)
F99 - Pipe External Protection - Other
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

Q114 **STREET SPILL** **NY Spills** **S102446812**
East **720 FLUSHING AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.122 mi.
644 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
19 ft.

SPILLS:

Facility ID:	0505995
DER Facility ID:	102525
Facility Type:	ER
Site ID:	351112
DEC Region:	2
Spill Date:	8/12/2005
Spill Number/Closed Date:	0505995 / 8/16/2005
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	8/15/2005
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

STREET SPILL (Continued) **S102446812**

Remediation Phase:	0
Date Entered In Computer:	8/15/2005
Spill Record Last Update:	8/16/2005
Spiller Name:	EDDIE
Spiller Company:	SPECVIALIZED TRANSPORT
Spiller Address:	5001 US HIGHWAY 30
Spiller City,St,Zip:	FORTWAY, IN
Spiller Company:	001
Contact Name:	EDDIE
Contact Phone:	(908) 616-6462
DEC Memo:	Not reported
Remarks:	TRUCK HIT A CURBING AND PRODUCT WENT INTO A STORM DRAIN HOWEVER IT WAS ALL CAUGHT IN A CATCH BASIN. HAS BEEN CLEANE UP

Material:

Site ID:	351112
Operable Unit ID:	1108647
Operable Unit:	01
Material ID:	2098589
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9701374
DER Facility ID:	102525
Facility Type:	ER
Site ID:	117935
DEC Region:	2
Spill Date:	5/1/1997
Spill Number/Closed Date:	9701374 / 5/1/1997
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	5/1/1997
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/1/1997

STREET SPILL (Continued) **S102446812**

Spill Record Last Update:	4/19/2004
Spiller Name:	ALEXANDER AZIZOV
Spiller Company:	DEPENDABLE FOOD CORP
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"NYCFD HAZMAT CALLED HAS CLEANED UP THE SPILL, RESPONSIBLE PARTY IS HIRING A CONTRACTOR TO DISPOSE OF CONTAMINANTS.
Remarks:	truck hit curb ruptured tank - fd on scene - spill contained no sewer effected

Material:

Site ID:	117935
Operable Unit ID:	1047404
Operable Unit:	01
Material ID:	337935
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	25
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9611852
DER Facility ID:	102525
Facility Type:	ER
Site ID:	117934
DEC Region:	2
Spill Date:	12/31/1996
Spill Number/Closed Date:	9611852 / 12/31/1996
Spill Cause:	Traffic Accident
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
SWIS:	2401
Investigator:	LUCE
Referred To:	Not reported
Reported to Dept:	12/31/1996
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/31/1996

STREET SPILL (Continued) **S102446812**

Spill Record Last Update:	1/6/1997
Spiller Name:	Not reported
Spiller Company:	PRUDENT CORP
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	FIREMAN KELLER
Contact Phone:	(917) 769-0483
DEC Memo:	Not reported
Remarks:	NYS DEP ENROUTE - FD IS GOING TO CONTAIN THE RAMINDER IN THE SADDLE TANKS

Material:

Site ID:	117934
Operable Unit ID:	1039730
Operable Unit:	01
Material ID:	340502
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	60
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

P115 **LOT 27,TAXBLOCK 2269** **NY E DESIGNATION** **S110242377**
North **84 THROOP AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.124 mi.
656 ft. **Site 7 of 7 in cluster P**

Relative:
Lower

Actual:
13 ft.

E DESIGNATION:

Tax Lot(s):	27
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported

LOT 27,TAXBLOCK 2269 (Continued) **S110242377**

Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690027
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999112
Y Coordinate:	0195025
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006

LOT 27,TAXBLOCK 2269 (Continued) **S110242377**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	27
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	2001
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	C
Owner Name:	HOUSING PRESERVATION
Lot Area:	000001750
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0025.00
Lot Depth:	0070.00
Building Frontage:	0000.00
Building Depth:	0000.00

LOT 27,TAXBLOCK 2269 (Continued) **S110242377**

Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000016155
Total Assessed Value:	00000016155
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022690027
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0999112
Y Coordinate:	0195025
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

116
SW
1/8-1/4
0.127 mi.
669 ft.

CON EDISON - VS 2314
93 HOPKINS ST
BROOKLYN, NY 11215

RCRA NonGen / NLR **1008195512**
NY MANIFEST **NYP004106852**

Relative:
Higher

Actual:
14 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/27/2004
Facility name:	CON EDISON - VS 2314
Facility address:	93 HOPKINS ST BROOKLYN, NY 11215
EPA ID:	NYP004106852
Mailing address:	4 IRVING PLACE NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	4 IRVING PLACE NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

CON EDISON - VS 2314 (Continued) **1008195512**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/04/2003
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/04/2003
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/26/2004
Facility name: CON EDISON - VS 2314
Classification: Not a generator, verified

Date form received by agency: 02/25/2004
Facility name: CON EDISON - VS 2314
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004106852
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY

CON EDISON - VS 2314 (Continued) **1008195512**

Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0459018
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/06/2003
Trans1 Recv Date:	02/06/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/06/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004106852
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	46235JM
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01082
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2003

R117 **PFIZER** **NY LTANKS** **U003074670**
WSW **630 FLUSHING AVENUE** **NY HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY** **NY AST**
0.136 mi. **NY HIST AST**
717 ft. **Site 1 of 2 in cluster R** **NY Spills**
NY VCP

Relative:
Lower

LTANKS:

Actual:
12 ft.

Site ID:	201034
Spill Number/Closed Date:	9901811 / 3/31/2006
Spill Date:	5/17/1999
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	5/17/1999
CID:	257
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported

PFIZER (Continued) **U003074670**

Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/17/1999
Spill Record Last Update:	3/31/2006
Spiller Name:	Not reported
Spiller Company:	TEXACO STATION
Spiller Address:	630 FLUSHING AVE
Spiller City,St,Zip:	BROOKLYN WILLIAMSBURG, NY
Spiller County:	001
Spiller Contact:	THOMAS SNEE
Spiller Phone:	(718) 780-8686
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	244426
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"1/2/2004 Reassigned from Rommel to Sun. (Also refer to Spill # 93-03325 for this site)07/08/04 This spill is closed. To be investigated and remediated under Spill #93-03325.01/12/06-The spill is reopened since this spill was caused by gasoline, while Spill #93-03325 was caused by #6 fuel oil. 1/12/2006 - Feng - Called Pfizer Inc and spoke with Manuel Lopez (718-780-0947). He remembers that they have been sent the some report to DEC. He would contact his engineer and find the information DEC need and get back to DEC. (RJF)1/12/2006 - Feng - Faxed the two spill report to Samantha Plourde (718-780-8380) and request to send 1) tank closure report, 2) any other site investigation/site assessment, to DEC. (RJF)1/27/2006 - Feng - Reviewed the Tank Closure Report of 12/10/1999, sent on 1/20/2006 by Pfizer. These 6 USTs were discovered during pre-construction activities in the northwestern corner. The site was a former Texaco gasoline station some time in the 1940's. 6 USTs in the northwestern corner of the site were confirmed by the insurance maps. Pfizer registered and removed the USTs performed from 5/17/1999 to 9/30/1999. 6 soil boringw were done prior the removal activities. Analyticals show SB-6 (10'-12' bg) with high contamination, 840 ppb Toluene, 10,000 ppb Ethylbenzene, 51,800 ppb Xylene, 20,000 ppb 1,3,5-Trimethylbenzene, and 40,000 ppb 1,2,4-Trimethylbenzene. To further delineate the SB-6, SB-6A to SB-6E (12'-14')were drilled and sampled, lab result indicated low VOCs. And removed all the soil above the clay layer (12' bg plus 0.5'-1.0' of the clay). The tankks found no carcks or holes. After tank removal, precipitation occurred for several days and the rain water run into the excavation, water removed and tested, found 6,047 ppb BTEX. All the piping associated with the USTs were removed. Soil removal extented to where the pre-USt removal soil samples contained concentration of VOCs below DEC STARS. Total of 286.18 tons of soil were removed. The report attached with lab analyticals sheet for soil sample, but not indiated the location of sample taken and not mentioned in the narrative text. Backfilled with clean sand and permanent asphalt pavement was placed on top. Requested spill closure. (RJF)1/27/2006 - Feng - Send letter to Pfizer request of 1) groundwater sample in the vicinity of the former SB-6 boring location, 2) clarification of the soil sample presented in the lab report attached in App C. Result due 4/3/2006. Faxed to Scott Glash (Roux). (RJF)02/09/06: This spill transferred from R.Feng to S.Kraszewski.03/06/06: Recieved letter from Pfizer, dated March 2, 2006. Pfizer is requesting that the Department suspend the April 3rd deadline for the subsurface investigation. Pfizer

PFIZER (Continued) **U003074670**

believes that the Department is not familiar with all documentaiton related to this spill. Pfizer will collect and review all historic documentation and correspondence related to the closure and removal of the gasoline USTs. This information will be submitted to the DEC by March 15, 2006. Pfizer believes that based on the contents of this letter that an additional investigation will not be necessary. - SK 03/24/06: Received detailed summary of closure activities from Pfizer. Currently under review. - SK03/27/06: Reviewed all documents for the UST closure. This additional information was sent in response to the DEC's request for a complete subsurface delineation both on-site and off-site. Pfizer believes that with the information supplied in this closure summary that there is no need for further investigation and NFA should be issued. Pfizer has also included documentation and explanations in response to R.Feng's letter issued January 2006 and previous DEc requests:No post-exc samples taken: Pfizer contests that retrieving samples would cause stockpiling of contaminated soil and leave the excavation open, which is a hazard. Instead, they conducted soil borings to eliminate the hazards associated with an open excavation. Furthermore, Pfizer feels that the soil borings properly delineated the horizontal extent of the contamination since they were conducted until no VOCs were detected by PID.Rainwater from the excavation was sampled and found to contain high levels of BTEX: It was a waste characterization sample, a composite from several sources. Pfizer states this water sample was mixture of rainwater from the USTs, the excavation and waste water used to clean each UST.A soil samples with highly elevated VOC concentrations was detected but it was not mentioned in the report summary nor is it given a location on the site plan: This sample was alos a composite sample, collected from each UST. Sand material was discovered within the USTs and this sample was used to characterize the tank solids for proper disposal. It did not come from the excavation.R.Feng requests GW samples: Pfizer attached results from two GW samples taken from the former tank area in June 2004. The samples were takenf rom 8 to 10 fbg using low-flow purging techniques. Actetone was detected in both samples, a common laboratory contaminant. Naphthalene and Xylenes were detcted but below GW standards.Boring logs, PID logs, information of perched GW and explanations of work methods are also included in response to a February 2000 letter from DEC to provide information for these shortcomings in the UST closure report from 1999. - SK03/27/03: Called Manuel Lopez to ask about the report. He said it would be best to contact Omar at Roux & Associates. I called and left Omar (631-232-2600) a voicemail to call me back. - SK03/28/06: Rob Kovacs for Roux and Associates called in place of Omar. I asked Rob about the clay layer and he said based on historic production wells used by Pfizer and Roux & Associates' experience with the surrounding area they have mapped out the extent of the clay layer. Rob is emailing me a map with the known extent of the clay layer. - SK03/31/06: Received PDF of the geologic cross section for that area and an overhead map. After careful consultation and consideration with supervisor J.Kolleeny, we feel that based on all of the available information at hand, this spill poses no threat to GW, the environment or the public. NFA letter sent out. Closed out. - SK

Remarks: TOOK 65 BORING AND RECEIVED TEST RESULTS BACK THIS MORNING SHOW CONTAMINATED SOIL

PFIZER (Continued) **U003074670**

Material:

Site ID:	201034
Operable Unit ID:	1076587
Operable Unit:	01
Material ID:	305339
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

HIST UST:

PBS Number:	2-017329
SPDES Number:	Not reported
Emergency Contact:	THOMAS J. SNEE
Emergency Telephone:	(718) 780-8686
Operator:	JOHN R. DAY
Operator Telephone:	(718) 780-1472
Owner Name:	PFIZER INC BROOKLYN PLANT
Owner Address:	630 FLUSHING AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11206
Owner Telephone:	(718) 780-8880
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Name:	PFIZER INC BROOKLYN PLANT
Mailing Address:	630 FLUSHING AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11206
Mailing Contact:	THOMAS J. SNEE
Mailing Telephone:	(718) 780-8686
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	630 FLUSHING AVENUE
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	MANUFACTURING
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	09/30/1999
Expiration Date:	11/16/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	40000
FAMT:	True

PFIZER (Continued) **U003074670**

Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 61
Town or City: 01
Region: 2

Tank Id: G01
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: G02
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data

PFIZER (Continued) **U003074670**

Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: G03
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: G04
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False

PFIZER (Continued) **U003074670**

Updated: True
Lat/long: Not reported

Tank Id: G05
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: G06
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 09/01/1999
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

PFIZER (Continued) **U003074670**

Tank Id:	P10
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	PK6
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

Tank Id:	PK9
Tank Location:	UNDERGROUND
Tank Status:	Closed Before April 1, 1991

PFIZER (Continued) **U003074670**

Install Date:	Not reported
Capacity (gals):	550
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Not reported
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-017329
Program Type:	PBS
UTM X:	588836.53532999998
UTM Y:	4505943.3720899997
Expiration Date:	2012/11/16
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	125
Affiliation Type:	Facility Owner
Company Name:	PFIZER INC
Contact Type:	SITE LEADER
Contact Name:	BILL BARBERICH
Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	11/16/2007

Site Id:	125
Affiliation Type:	Mail Contact
Company Name:	PFIZER INC
Contact Type:	Not reported
Contact Name:	MANUEL LOPEZ

PFIZER (Continued) **U003074670**

Address1:	630 FLUSHING AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	125
Affiliation Type:	On-Site Operator
Company Name:	PFIZER INC
Contact Type:	Not reported
Contact Name:	PFIZER INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-0947
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	125
Affiliation Type:	Emergency Contact
Company Name:	PFIZER INC
Contact Type:	Not reported
Contact Name:	PFIZER SECURITY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 780-8911
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	30761
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F04 - Pipe External Protection - Fiberglass

PFIZER (Continued) **U003074670**

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1993
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

Tank Number:	463
Tank Id:	30779
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed Prior to Micro Conversion, 03/91
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

Tank Number:	EG-01
Tank Id:	64111
Material Code:	0008

PFIZER (Continued) **U003074670**

Common Name of Substance: Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1975
Capacity Gallons: 62
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Diesel

Tank Number: F03
Tank Id: 53532
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C01 - Pipe Location - Aboveground
H99 - Tank Leak Detection - Other
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D10 - Pipe Type - Copper
G01 - Tank Secondary Containment - Diking (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 10/01/1974
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/01/1996
Register: True
Modified By: dxliving
Last Modified: 11/16/2007

PFIZER (Continued) **U003074670**

Material Name: #2 Fuel Oil (On-Site Consumption)

Tank Number: FP-01
Tank Id: 64112
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1973
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Diesel

Tank Number: FP-02
Tank Id: 64113
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G01 - Tank Secondary Containment - Diking (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/2000
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

PFIZER (Continued) **U003074670**

Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	Diesel

HIST AST:

PBS Number:	2-017329
SWIS Code:	6101
Operator:	JOHN R. DAY
Facility Phone:	(718) 780-1472
Facility Addr2:	630 FLUSHING AVENUE
Facility Type:	MANUFACTURING
Emergency:	THOMAS J. SNEE
Emergency Tel:	(718) 780-8686
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	PFIZER INC BROOKLYN PLANT
Owner Address:	630 FLUSHING AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11206
Federal ID:	Not reported
Owner Tel:	(718) 780-8880
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	THOMAS J. SNEE
Mailing Name:	PFIZER INC BROOKLYN PLANT
Mailing Address:	630 FLUSHING AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11206
Mailing Telephone:	(718) 780-8686
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/30/1999
Expiration:	11/16/2002
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	40000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported

PFIZER (Continued) **U003074670**

Capacity (Gal): 10000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 04
Tank Containment: Diking
Leak Detection: 00
Overfill Protection: 46
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 07/01/1993
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 463
Tank Location: ABOVEGROUND
Tank Status: Closed Before April 1, 1991
Install Date: Not reported
Capacity (Gal): 1000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

SPILLS:
Facility ID: 9505769
DER Facility ID: 244426
Facility Type: ER
Site ID: 302548
DEC Region: 2

PFIZER (Continued) **U003074670**

Spill Date:	8/9/1995
Spill Number/Closed Date:	9505769 / 8/10/1995
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	8/10/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	8/10/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/13/1995
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"10/10/95: This is additional information about material spilled from the translation of the old spill file: MERCURY & LEAD.
Remarks:	BLDG WAS OLD PHARACUTACAL BLDG - SOIL SAMPLES CAME BACK POSITIVE -BLDG HAS BEEN DEMOLISHED - REQ DEC CALL TO TOM SHEE (718) 780-8686

Material:

Site ID:	302548
Operable Unit ID:	1016666
Operable Unit:	01
Material ID:	363761
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0203912
DER Facility ID:	244426
Facility Type:	ER
Site ID:	302547
DEC Region:	2

PFIZER (Continued) **U003074670**

Spill Date:	7/14/2002
Spill Number/Closed Date:	0203912 / 9/17/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	7/14/2002
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/14/2002
Spill Record Last Update:	9/18/2003
Spiller Name:	NATHAN EDESON
Spiller Company:	PFIZER, INC.
Spiller Address:	630 FLUSHING AVENUE
Spiller City,St,Zip:	BROOKLYN, NY 11206-
Spiller Company:	001
Contact Name:	NATHAN EDESON
Contact Phone:	(718) 780-8829
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHAO/DEMEO"7/14/2002 - 21:05pm: Ms Zhao spoke with Nathan Edeson. Spill has been contained. There is no drains or valves involved. Clean up was in progress by contractor Tradewind by the time of contact. Zhao has requested clean up statement from Tradewind and will follow-up on it.7/16/2002 - A follow up call Zhao made to Mr Edeson. Spill cause was found due to the gauge system, not the pump. Tradewind went back yesterday and have got clean up completed. Clean up statement will be furnished within two days by Tradewind. Mr Edeson will then forward it to DEC with some requested clean up pictures.9/17/2003 - Spill closed upon a site visit on 9/15/2003 and final clean up statement received on 9/16/2003.
Remarks:	BUILDING 16 (MAIN BUILDING), FIRST FLOOR. LEAK FROM A PUMP ON THEIR HEATING SYSTEM. MOST WAS CONFINED WITHIN THE BUILDING. ABOUT 5 GALLONS SPILLED ONTO THE SIDEWALK. SPEEDY DRI APPLIED BY PLANT EMPLOYEES. TRADEWIND ENVIRONMENTAL WAS CONTACTED FOR CLEAN UP. SIDEWALK HAS BEEN CLEANED UP. THEY'RE NOW WORKING INSIDE. PUMP TAKEN OUT OF SERVICE FOR REPAIRS.

Material:

Site ID:	302547
Operable Unit ID:	855198
Operable Unit:	01
Material ID:	552611
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons

PFIZER (Continued) **U003074670**

Recovered:	30
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9303325
DER Facility ID:	244426
Facility Type:	ER
Site ID:	201033
DEC Region:	2
Spill Date:	6/14/1993
Spill Number/Closed Date:	9303325 / 4/5/2006
Spill Cause:	Abandoned Drums
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	REFER TO VCP #V00124
Reported to Dept:	6/14/1993
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/18/1993
Spill Record Last Update:	4/5/2006
Spiller Name:	Not reported
Spiller Company:	PFIZER
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SUN"7/6/04 - AUSTIN - TRANSFERRED FROM GARDINEER TO SUN - RELATED TO SPILL #990181 - END07/08/04-Sun- Also refer to Spill # 99-01811 for the same site. 02/09/06: This spill transferred from R.Feng to S.Kraszewski.03/06/06: Recieved letter from Pfizer, dated March 2, 2006. The letter states that the Department's verbal request for documentation of UST closure from 1993 is unnecessary since significant remedial work has taken place to address this spill since 1993 and also an NFA letter has been issued. The NFA supposedly declares that the VCA (Voluntary Cleanup Agreement) performed by Pfizer has been completed. SK spoke with Manuel Lopez, Director of Environmental Health and Safety for Pfizer. I requested a copy of the NFA letter be faxed for confirmation. - SK03/07/06: Reviewed NFA letter faxed by Pfizer. Will discuss with J.Kolleeny and K.Tang. - SK04/05/06: Apparently, when this site became involved with the Voluntary Clean-Up Agreement (VCP) the spill number should have been closed. This spill closed out. - SK

PFIZER (Continued) **U003074670**

Remarks: ENZEP DIVISOR OF ENSI TO DO WORK 6 BOROUGHS TAKEN EACH BORINGS SHOW CONTAMINATION ON SOIL AND GROUND WATER. WILL REMOVE TANKS 6/21/ WOULD LIKE DEC TO VISIT SITE. 2 TANKS 3000-10000 ONE OTHER FILLED.CASE FILE BEING HANDLED BY HAZ. WASTE SECTION.

Material:

Site ID:	201033
Operable Unit ID:	985217
Operable Unit:	01
Material ID:	396903
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0013515
DER Facility ID:	244426
Facility Type:	ER
Site ID:	201032
DEC Region:	2
Spill Date:	3/27/2001
Spill Number/Closed Date:	0013515 / 6/16/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/27/2001
CID:	397
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/27/2001
Spill Record Last Update:	12/19/2003
Spiller Name:	MIKE TROCHIO
Spiller Company:	PHIZER
Spiller Address:	630 FLUSHING AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	MIKE TROCHIO
Contact Phone:	(718) 780-8800
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was

PFIZER (Continued) **U003074670**

"SANGESLAND"4/2/2001 Sangesland and NYCDEP Wai Man Wan made a site visit to the Pfizer facility to look for a reported Acetone leak. After initial inspection, DEC - ECO Shawn Dussault arrived to make a similar inspection of the roof top equipment.According to Pfizer Engineer Mr. Daniel Shiel the following is a description of the process and then the system problem:Process:Acetone is used in the process of coating pills. After the material leaves the "pills bath" area, the vapor acetone is collected and piped to a chiller/condensor on the plant roof. This "Edwards Unit" chiller/condensor has 3 stages which drops the vapor temperature in 3 steps to 85'F below zero. At that point the acetone is in liquid form and is recovered via pipe and collected. This material is then tanked and removed from the site. (Pfizer states that a company purchases this recondensed acetone from them).Problem:Somewhere in the second stage of this unit is a leak. The Pfizer representitive stated that there is probably a crack in the line someplace, but the exact location has not been found. Pfizer states that they first became aware of the problem in early March 2001 and took the system out of service for approx. 10 days to perform routine maintenance to the unit and to try to find the problem. The specific problem was not found and not fixed. The equipment was put back into operation.At the site visit, it was clear that acetone was leaking to the atmosphere. Pfizer says that they have done a mass balance which shows that they are still retreaving approx. 91% of the total process acetone, above their legal limit (limit is someplace in the low 80's %). Pfizer also had LEL meters on the equipment to show that they have remained below approx 50% of the LEL explosive limits. However, there is no alarm on this meter. The meter is read several times per day by plant personnel.Pfizer rep also said the units are actually 2 separate parallel process lines running at the same time. He believes that the leak is only in one side of the system. The system can operate with only one side of the process system in operation, only at a lower volume and therefore a lower pill production rate.In order to repair the system, the unit would need to be lifted off the roof of the building, lowered to the street level, opened and re-welded. Pfizer said they had an equipment rep on site later today to quote them on the cost and time needed to build a replacement unit. ECO Dussault issued 2 tickets. 6NYCRR Part 595.3.a.2.ii and .iiiwith a May 17, 2001 court appearance date.Since this is a release to the atmosphere it may include the NYSDEC Air Unit. Since it is a material AFTER production (of the pills) it may be considered by NYSDEC RCRA Dept.4/3/2001 Officer Dussault spoke with Dan Shiel (Pfizer) later on the afternoon of 4/2. Mr. Shiel said that Pfizer met with the manufacturer of the Edwards unit and he said it would take about 6 to 8 weeks to build and install a new unit. Until that time, Mr. Shiel said they may try to find a way to run just the first and third stage of the system and bypass the second unit. This will still allow some condensation of the process acetone and may allow the production line to operate (perhaps at a reduced rate)

Remarks: caller states that the compnay has had a leak since june on the roof of the building from the edwards unit. the do not want to fix this due to the down time and the cost. dennis pappas engineer of charge

Material:
Site ID: 201032
Operable Unit ID: 834992
Operable Unit: 01
Material ID: 540227

PFIZER (Continued) **U003074670**

Material Code:	0024B
Material Name:	2-PROPANONE
Case No.:	00067641
Material FA:	Hazardous Material
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1011062
DER Facility ID:	399574
Facility Type:	ER
Site ID:	444686
DEC Region:	2
Spill Date:	2/1/2011
Spill Number/Closed Date:	1011062 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	RVKETANI
Referred To:	072213 REVIEWED APPROVED 071813 WORK PLAN
Reported to Dept:	2/1/2011
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2/1/2011
Spill Record Last Update:	7/24/2013
Spiller Name:	Not reported
Spiller Company:	PFIZER, INC.
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	RUSSEL DOWNEY
Contact Phone:	Not reported
DEC Memo:	02/02/11- Zhune spoke to Russel Downey 908-413-0811. Site is a Pfizer Factory. Property is going to be sold. During investigation found groundwater contamination. Requested report. Mr. Russel will send the report.04/04/12-Roux Associates sent the Petroleum Investigation Report dated June 24, 2011.Property solution performed Phase I and Pase II subsurface invetigation activities at site E and F on behalf of Acumen Capital Partner, LLC (Acumen)(buyer). PhaseII.- Included the completion of 24 soil borings, with the collection of 24 soil borings samples and 7 groundwater samples were collected from temporary well. Of the 24 borings completed 12 were located on Site E and 12 were located on Site F. Four (4) of the seven groundwater

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samples were collected on Site E, and the remaining three collected on Site F.Only The propety solution's borings designated SB-19,SB-20/GW-20, SB-21, SB-22/GW-22, SB-23, SB-24 and SB-25 were completed within the former Main Plant near the former Fitness Center. The analytical results inidcated that soil and groundwater collected from boring SB-22/GW-22 (located within the Former Fitness Center) contained elevated concentrations of VOCs. The soil samples collected from the four (4) borings located near SB-22 as well as borings located at the west end of the former Main Plant (SB-19 and SB-20) did not have any exceedances. The groundwater sample collected from boring SB-20/GW-20) at 15 to 16 ft bls. detected VOCs below the applicable limit. In response to the identification of groundwater impacts in phase II beneath the Main Plant, Roux Associates on behalf of Pfizer conducted focused investigation activities in April, May and June 2011. The focused investigation included the installation of four(4) deep wells BMW-10, BMW-11, BMW-12, BMW-13 and a total of three (3) soil borings TPNE, TPSE, TPSW. Groundwater samples were collected from wells BMW-10 trough BMW-13 and soil borings TPNE, TPSE, TPSW.The analytical results indicated the following VOCs (BTEX, 1,3,5 trimethybenzene, Isopropylbenzene, naphthalene, n-propylbenzene, and p-isopropyltoluene) were detected above the acceptable limits in the groundwater sample collected from BMW-11. LNAPL was found in well BMW-11 at a thickness of 2.76 feet. A sample of LNAPL was collected for gas chromatography product characterization analysis. The LNAPL was identified as leaded gasoiline. The groundwater sample collected from boring TPNE indicated the following VOCS(BTEX, 1,3,5 trimethybenzene,Isopropylbenzene, MTBE, naphthalene and n-propylbenzene) detected above the acceptable limits.BP evaluated Groundwater flow directions in shallow perched water. BP reported groundwater flow to be in the northeast direction at the BP service station. Pfizer's assessment evaluated Groundwater flow directions in deep water. Pfizer reported that Groundwater flow in the deep zone was to the southwest. 04/11/12- Roux Associated Inc. sent the Supplemental Petroleum Investigation Report dated July 22,201105/07/12-This spill has been transferred to Hassan Hussein of the Hazardous Material Unit.1/24/2013 - Raphael Ketani. The spill case for this Commercial Property at 630 Flushing Avenue, Brooklyn, 11206 was transferred to me.The spill was called in on 2/1/11 due to the discovery of oil contaminated soil samples.The block and lot are 1720 and 1. The deed date is 2/11/11. The property was sold by Pfizer, Inc., 235 East 42nd Street, NY, 10017 to Acumen Capital Partners (ACP) BK I, LLC, 37-18 Northern Blvd., Ste. 300, LIC, 11101.PBS is #2-017329. There were 31 tanks. Twenty five (25) were closed, 1 was converted to non-regulatory use and 5 are active. The tank sizes ranged from 62 gals. to 30,000 gal. The products contained were #6 oil, #2 oil, diesel, gasoline and other. Presently, there are 6 active tanks. They range in size from 62 gals. to 20,000 gals. The two 20,000 gal. tanks contain #6 oil and others (300 gal., 275 gal. and 62 gal.) contain diesel fuel. A 275 gal. tank contains #2 heating oil is also active.3/18/13 - Raphael Ketani. Matthew (Mat) Carroll, P.E., of Tenen Environmental, LLC (646) 606-2332, ext 103 [121 West 27th Street, Suite 1004, New York, NY 10001, mcarroll@tenen-env.com] called today regarding the site. He is the new consultant for ACP. I tried to contact him, but could only leave a message.Mr. Carroll called me back. He said that Pfizer is still involved in the remediation of the property, even though ACP bought the site. They

PFIZER (Continued) **U003074670**

are the responsible party. Mr. Carroll will send me the two ROUX reports for my review. However, Pfizer is contending that there is a gas station upgradient which is the source of the contamination.Mr. Carroll sent me the following contact information:Please address all correspondence related for Spill #1011062 to:Robert Kovacs, Sr. Environmental ScientistRoux Associates, Inc. 209 Shafter Street Islandia, New York 11749rkovacs@rouxinc.comPlease also cc Pfizer, the site owner and myself. Office addresses and email addresses are as follows:Matthew R. Basso, MS, CHMMManager, ERTPfizer100 Route 206N (M/S 414)Peapack, NJ 07977Matt.Basso@pfizer.comJeffrey RosenblumACP BK 1 LLCThe Standard Motor Products Building37-18 Northern Boulevard, Suite 300Long Island City, NY 11101jrosenblum@acumenny.com3/28/13 - Raphael Ketani. I reviewed the 6/24/11 Petroleum Investigation Report which was produced by Roux Associates, Inc. for Pfizer. Groundwater impacts were found under the main plant on the north side where the former Fitness Center used to be. Roux did investigations during April, May and June of 2011. Borings and wells were installed. The data indicates that the source is the BP Service Station (formerly AMOCO; active spill #0104597) to the north at 655 Flushing Avenue. The BP investigation was limited to the shallow soil and groundwater above the silty clay (which averages 10 feet bgs). Pfizer investigated the groundwater in the deeper zone.Roux states in the report that their evidence for BP being the source is the following: 1) BP is 70 feet away from the main building (site E) and has a long history of impacts to the the soil and the groundwater2) petroleum contamination was found beneath the Pfizer main plant as part of utility work which took place by the utility company (they don't state who this is, but it was probably Con Ed) - the utility company filed reports regarding the contamination3) the deeper groundwater zone is hydraulically downgradient from BP4) almost 3 feet of NAPL was found on the south side of Flushing Avenue and the fingerprint of the oil indicated that it was leaded gasoline5) Roux identified extremely elevated VOC concentrations in the deeper groundwater zone - there were 38,700 ppb of total BTEX in the groundwater 8 feet south of BP in the deeper zone6) Pfizer had 2 small USTs under the north part of the main buildng (former Fitness Center) - the soil results did not indicate any impacts from the USTs - the USTs were in 12 inches of concrete in an intact vault and were decommissioned in 19887) information from Pfizer and BP for routine groundwater sampling provides data from the south side of Flushing Avenue supporting that the Pfizr USTs did not leak 8) MTBE is present in the deeper groundwater samples from the Pfizer site, but the timing does not support that the impacts are related to the Pfizer operations - Pfizer decommissioned the USTs in 1988 before the widespread use of MTBE in 1992 - MTBE bearing gasoline was stored at BP for years and BP had many releases of gas - in 2001 there was a gasoline release with MTBE where the MTBE concentrations were up to 385,000 ppb in the groundwaterThe main plant consists of buildings 55, 16, 16A, warehouse A and warehouse AA. The majority of the main plant (site E) is buildings 16 and 16A - 8 story buildings. Operations at the plant ceased during November 2008. On 2/11/11, the ownership changed to Acumen Capital Partners (ACP) BK I LLC. Site F is the parking lot to the south. Property Solutions performed the Phase II during October 2010 and January 2011 for sites E and F. They did 24 borings. Seven (7) gorundwater samples were taken from temporary wells. Twelve (12) borings were performed at site E and 12 borings were performed at site F. Four (4) groundwater samples were taken at site E and 3

PFIZER (Continued) **U003074670**

groundwater samples were taken at site F. A small portion of the sampling was done near the former Fitness Center in warehouse A and pertains to this investigation. The borings and wells were SB-19, SB-20/GW20, SB-21, SB-22/GW-22, SB-23 to SB-25. Groundwater from G-22 was taken on 1/6/11 and had elevated VOCs of gasoline. The sample was collected at 16.5 to 20 feet bgs, below the perched water table at 10 feet bgs.Anthropogenic fill is present from 5 to 12 feet bgs. Silty clay is present throughout the area and is 15 feet thick. The Upper Glacial Aquifer underlies the silty clay at 20 to 30 feet bgs. Thin perched lenses of groundwater are present throughout the area. A perched water table is present at 5 to 8 feet below the site. The perched water table follows the surficial topography of the clay. The clay is 6 feet below the southwest part of the BP site and 11 feet below the northeast part of the site. The BP wells are in the perched horizon. BP reported that the groundwater flowed to the northeast. Permanent wells BMW-10 to BMW-13 indicate that the deeper groundwater flows to the southwest. The deeper groundwater is likely affected by pumping by NYCT for its subway tunnels. Their pumping wells are to the west of the main building. The pumping also likely affects the vertical gradient.Gauging took place at BMW-10 to BMW-13 on May 3 to June 8 during 2011. LNAPL was found to be 2.76 feet thick at BMW-11 on 6/8/11.Property Solutions did borings SB-19 to SB-25 near the Fitness Center. Only SB-22 at 7.5 to 8 feet bgs had soil VOCs that were above the unrestricted CP-51 standards. There were 5 VOCs above the standards. Naphthalene at 16,000 ppb, n-butylbenzene at 14,000 ppb, n-propylbenzene at 7000 ppb, ethylbenzene at 2300 ppb. The soil samples from the rest of the borings had results that were below the unrestricted standards.On 1/26/11, Property Solutions collected groundwater samples from GW-20 and GW-22. Low levels of BTEX were detected at 15 to 16 feet bgs. The sample from GW-22 beneath the Fitness Center had many VOC hits that were above the unrestricted standards. Permanent well BMW-11 had many VOC hits that were above the unrestrictted standards. From 6/6/11 to 6/8/11, Roux took groundwater samples from 3 borings. All had samples with exceedences. Groundwater samples from boring TPNE (in the sidewalk at the south edge of the BP station) were taken at 13 to 15 feet bgs, 15 to 17 feet bgs, and at 17 to 19 feet bgs. There were many VOC exceedences amongst the samples. The highest BTEX result was from the sample from 13 to 15 feet bgs. The groundwater samples that were taken at 15 to 17 feet bgs and at 17 to 19 feet bgs from boring TPSW directly downgradient (southwest) of the station had low VOC hits.I finished my reivew of the 6/24/11 Petroleum Investigation Report. I looked at Plate 1 - Generalized Hydrogeological Cross Section - of the report. All of the wells - temporary and permanent - were partially screened at the top in the silty clay. This is not proper practice. There is no explanation in the report why this was done. Any groundwater samples that would be taken from these wells would entrain some of the clay sediment due to disturbance of the clay as a result of the collection process. So, the geochemistry of the groundwater is not representative of just the Upper Glacial Aquifer. Analytes which had adhered to the clay flakes were incoporated in each groundwater sample. Additionally, water samples which are taken from soil borings typically do not have as high concentrations of analytes as would samples from permanent wells. Also, from the boring logs in the report, it is not entirely clear that the perched aquifer and the glacial aquifer are truely separated at a distance. If the NYCT is pumping groundwater, then their actions could cause some groundwater

PFIZER (Continued) **U003074670**

to seep down from above. _____Comments by Ketani: ----------The soil results from SB-22 for the sample from 7.5 to 8 feet bgs in the former diesel and gasoline USTs area(the former Fitness Center) had naphthalene and n-butylbenzene hits above 10,000 ppb. The ethylbenzene hit was 2,300 ppb and the n-propylbenzene hit was 7,000 ppb. Though the soil results for the samples from SB-21 and SB-23 to SB-25 which surround SB-22 did not have exceedences or were non-detect. The groundwater results from temporary well GW-22 in the former diesel and gasoline USTs area had high VOC exceedences in the sample from 16.5 to 20 feet bgs. However, the groundwater results from temporary well TPSW about 65 feet to the east and permanent well BMW-10 about 35 feet to the east have a small number of very low hits and no exceedences. These soil and groundwater results suggest that one of the UST systems probably leaked. More borings and permanent wells need to be installed in this area.Additionally, the BP Service Station that is referred to in the report has an active spill number, #0104597. According to a report in the e-docs, groundwater flow in the perched water table is due northeast, away from the Pfizer site. 3/29/13 - Raphael Ketani. Next, I reviewed the Roux Supplement to Petroleum Investigation Report dated 7/22/11. Of significance was that staff from Roux stated in this Supplement report that the former DEC case manager should obtain all of the UST and piping information for the BP Service Station from the respective DEC file. They also stated that the Phase I and the Phase II were not done for Pfizer. So, Pfizer can't vouch for the reliability of the reports. Also, they stated, Acumen Captial Partners may consider the reports to be confidential and may not feel comfortable releasing them to the DEC. However, Roux did provide some information regarding the USTs under the Pfizer site and neighboring facilities in this Supplement report. The staff from Roux stated that tank closure reports weren't required to be submitted when the tanks were decommissioned during 1988. They state that soil samples were collected from TPNE, TPSW, TPSE, BMW-10 to BMW-13, but the samples were not submitted to the laboratory for analysis. The information contained in the report consisted of documents related to the UST decommissioning which took place throughout the site and Sanborn maps. The 550 gal. diesel UST (#211) and the 550 gal. gasoline UST (#212) under the Fitness Center were pressure tested during 1984 and held the pressure (9/27/84 and 10/24/84 Tone Gasoline Tank and Pump Inc. letters). In a 12/28/88 tank decommissioning letter, it is stated that tanks #211 and #212 in the former Wha garage were cut up from 12/13/88 to 12/16/88. In the process of cutting them up, it was noticed that the gasoline UST had leaked into the vault. The gasoline was collected and the vault was ventilated in order to remove the vapors. It was noticed that the floor of the vault was pitted due to leaked gasoline. However, it was reported in the letter that the tank removal crew did not notice signs of chipping of the floor or any loose concrete._____Comments by Ketani:---------- From the information in the 7/22/11 report, it is apparent that there was at least a gasoline spill. How the gasoline UST could have passed its integrity test in 1984 and be found to have leaked anyway is not clear. There are no details regarding how the testing was performed. So the test may not have been valid compared to later integrity testing methods. Additionally, the pitted floor suggests that the leaking had been going on for some time. Also, there still is no information regarding the locations of the associated piping for the USTs and the locations of the pump

PFIZER (Continued) **U003074670**

islands. Clearly, more investigation needs to be done. A draft letter was submitted to Hassan Hussein, EE III and head of Unit C, requesting that a work plan be submitted for conducting an investigation around and under the vault, next to any remaining piping and in the vicinity of the pump islands. Soil and groundwater sampling was requested. The letter was approved by Mr. Hussein and was sent out. A due date of April 30 was set for submission of the work plan.4/15/13 - Raphael Ketani. Mr. Kovacs (631) 232-2600 tried to call me today regarding the March 29, 2013 letter and left a voice message. I tried to contact him, but could only leave a voice message.4/16/13 - Raphael Ketani. Mr. Kovacs and I discussed the site and the soil and groundwater results for SB-22 and GW-22, respectively. I pointed out that the soil contamination results from the surrounding borings at the same level did not have exceedences. Also, the groundwater results for GW-22 were higher than a sidegradient well that was sampled at the same depth. I added that there was a letter in the Roux 7/22/11 report which stated that a gasoline leak had been discovered. Mr. Kovacs argued that all of the contamination was from the BP site across the street. I reiterated that the soil and groundwater results and the letter suggested a local source of contamination. I asked him for soil and groundwater contamination delineation. Mr. Kovacs stated that the tank vault was in the former loading dock area, which had been filled in with 4 feet of concrete. However, they had cored thick concrete before. So they could do borings in this area. Mr. Kovacs added that Pfizer was not objecting to doing more investigative work in this area, but that they wanted to make sure everyone was on the same page and that the DEC was considering the groundwater flow from the northeast from the BP site. I repeated my previous statement that the DEC had determined that there is a local source of contamination under the former Pfizer site and that delineation is being required. Mr. Kovacs stated that he will talk to the people at Pfizer. With that, the conversation ended. 4/17/13 - Raphael Ketani. Mr. Kovacs sent me an e-mail requesting an extension of the deadline for submitting the work plan. He asked for a deadline of June 3, 2013. I granted his request.6/4/13 - Raphael Ketani. I reviewed the Work Plan for Additional Petroleum Investigation Activities dated 5/29/13 and submitted by Roux Associates on behalf of Pfizer, Inc. The work plan contained the same information and arguments as I had read in the previous 6/24/11 Petroleum Investigation Report and the Supplement to Petroleum Investigation Report dated 7/22/11.Roux Associates added that the timing of the use of the gasoline and diesel USTs below the former fitness center and the soil data generated by Property Solutions does not support that the impacts associated with spill #1011062 are related to the Pfizer operations. Pfizer removed the USTs in 1988 before the widespread us of high concentrations of MTBE beginning in 1992. There was no MTBE in the soil samples below the Pfizer site where the USTs used to be. High concentrations of MTBE were found in the groundwater beneath the former fitness center. Property Solutions collected 7 soil samples from 5 borings in the vicinity of the USTs and found only slight soil contamination in one sample.In the work plan, Roux proposes conducting three tasks. Task 1 would be to do one round of groundwater gauging and sampling at wells BMW-10 to 13. Roux would request that the DEC gain access for them to the wells on the BP site. They will have the samples tested only via method 8260. Task 2 would involve submitting a report of their findings. Roux will make recommendations for either additional investigations, or to close the

PFIZER (Continued) **U003074670**

spill case, or to link the spill case to the BP site. Task 3 involved having a meeting with the DEC to discuss their findings and additional data. I drafted a response letter for the review of Mr. Hussein. In the letter, I explained that the information and statements that were in the 5/29/13 work plan were the same as were included in the 6/24/11 Petroleum Investigation Report and the Supplement to Petroleum Investigation Report dated 7/22/11. So, the Department was again requesting that a soil and groundwater investigation take place as previously requested in our 3/29/13 letter. I added that we will send a letter to Acumen requesting their cooperation for allowing the wells to be installed. However, it would be up to Pfizer to obtain permission from BP for gaining access to their wells. I set a deadline of 7/12/13 for submission of a new work plan.6/5/13 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out.6/6/13 - Raphael Ketani. In response to the 6/5/13 letter, Matthew Basso of Pfizer called me. He tried to explain to me that Pfizer wasn't responsible for the contamination under the vault. He used the same information as had been presented in the 6/24/11 report and the 7/22/11 report. I explained to him that his discussion wasn't going to change the Department's request for a soil and groundwater investigation. I added the lower groundwater hits of the deep well to the northeast, the finding of free product in the vault, the discovery of soil contamination in the unsaturated zone below the vault and the presence of high contamination in the groundwater just under the vault. Mr. Basso explained that he had witnessed the consultants for the BP station across the street doing remedial work. He said that they were injecting treatment solutions. Mr. Basso added that the gas station has lost a lot of product and it is going under the former Pfizer site. I told Mr. Basso that the Department was aware of the problems at the BP station and that they were being addressed. I did admit to him that some of the contamination may be going under part of the former Pfizer site, but that the contamination in the former vault area was a different matter that was solely the responsibility of Pfizer. Mr. Basso stated that the groundwater was flowing from the BP site to the former Pfizer building. I told him that this was not true for the perched water table. He also stated that he didn't believe the new owners of the property, Acumen, would allow Pfizer to drill through the floor of the former fitness center. I told him that I will write a letter requesting Acumen's cooperation regarding the investigation. At the end of the conversation, Mr. Basso requested a meeting with the DEC. I told him to talk to everyone at his end and get them to agree on a date for next week. He said that he will do this.Later, Mr. Kovacs (631) 232-2600 sent me an e-mail stating that Pfizer, Acumen and Roux would be able to meet with staff from the DEC on monday, June 10th, at 2:00PM. I confirmed that this was an acceptable meeting time.A draft letter was submitted to Mr. Hussein which requested the cooperation of Acumen in allowing Roux Associates to conduct an investigation in the vicinity of the vault.Mr. Hussein approved the letter and it was sent out.6/10/13 - Raphael Ketani. The meeting took place as scheduled. In attendance were Matthew Basso from Pfizer, Robert Kovacs and Charlie McGuckiin from Roux Associates, and Hassan Hussein and myself. The former Pfizer site and the BP gas station to the north were discussed. Mr. Kovacs and Mr. McGuckin presented the same information as I had read from previous reports. They showed one new map which showed that, at one time, the Wallabout Creek had flowed near the vicinity of the former vault and in adjacent areas.

PFIZER (Continued) **U003074670**

So the area contained stream sediments. Mr. Kovacs and Mr. McGuckin stated that the gas contamination in the former vault area was from the BP site due to deep groundwater flow towards the southwest in the regional aquifer. They commented that the NYCT was pumping from a well to the southwest for the G train line. So, this well had moved groundwater flow to the southwest. I stated that groundwater flow was to the northeast in the perched water table and to the southwest in the regional aquifer. I stated that the gas contamination in the vicinity of the vault was from a former gas UST that had been observed to have leaked. I also stated that there was gas contamination in the shallow unsaturated soil in the vicinity of the vault. So the contamination in the immediate vicinity had come from the UST, not the BP site. They countered that the gasoline below the vault contained MTBE and this chemical was not in the Pfizer gas UST when it was removed in 1988. They also stated that the groundwater analytes had the signature of BP gas. I told the Roux consultants that the wells were never screened properly. Some were screened in the clay. So it is not clear what the true groundwater chemical makeup is. I requested a work plan for conducting 4 soil borings around the former vault location, installing a properly screened well in the shallow zone and another in the deeper regional aquifer, and to take a Shelby tube sample and do permeability testing for the confining layer between the two bodies of groundwater. Mr. McGuckin objected to the request for more investigating. He said that Pfizer had done enough to determine subsurface conditions and that there was no point in doing more work. He again stated that all of the contamination was due to the spilling at the BP station. He added that there was a well 75 feet to the east of the Pfizer vault with 3 feet of product in it. Mr. Basso stated that this gasoline could be fingerprinted to prove that it belonged to BP. I added that more soil and groundwater data must be obtained in order to determine the subsurface conditions and in order to determine where the contamination had originated from. Otherwise, BP will not accept responsibility with so little information. Mr. Basso said that he will approach his management with the DEC demand and our argument why more work needed to be done.Following this meeting, Mr. Hussein and I had a meeting with June Feng, the DEC project manager for the BP station at 655 Flushing Avenue, Brooklyn (spill case #0104597). Specifically, we asked her whether the BP investigation had done off site delineation of the spill and whether there presently were leaking USTs and product on the groundwater. Ms. Feng said that, presently, there were no leaking USTs and no product on the groundwater. She said that wells were only installed on the BP property. I told her about the 3 feet of product that had been found in the Roux Associates well BMW-11, which was about 100 feet east of the vault in question and downgradient from the BP station (as regards the deeper aquifer flow). Ms. Feng asked whether the gasoline had ever been fingerprinted. I told her "No." She said that she could not understand how gasoline could make its way down from the perched water table to the regional aquifer. I told her I was not sure either how this had happened, but the Roux Associates consultants were stating that this happened. She then asked whether the gasoline could have followed a utility conduit. I told her that this was possible, but I wasn't sure it would stay in the aquifer as gasoline floats on water. Ms. Feng and I thought about how the gasoline could have ended up below a perched water table, but we did not find an answer.6/11/13 - Raphael Ketani. Ms. Feng sent me a "c-c" for an e-mail she had sent

PFIZER (Continued) **U003074670**

to Nicholas Onufrak of BP. She warned him that Pfizer and their consultants were telling the DEC that the gasoline contamination was from the 655 Flushing Avenue site. Later, Mr. Onufrak responded back that he had received the e-mail.6/12/13 - Raphael Ketani. Mr. Basso sent me an e-mail in which he stated that Pfizer was working on a work plan and intended to submit it by July 12, 2013.7/22/13 - Raphael Ketani. I reviewed the 7/18/13 Workplan for Additional Focused Subsurface Investigation. The work plan was written in response to the DEC 3/29/13 letter in which additional investigative work was requested around the vault. ROUX also made the same arguments that the source of the contamination under the former Pfizer plant is from the BP service station across the street. They also recapped the results of the previous investigations from 2011. They state that NAPL was found on 6/8/11 at BMW-11 and was identified as leaded gasoline. Also, they state in the report that, given the geologic and hydrogeologic conditions in the subsurface and the presence of NAPL in the deep groundwater zone downgradient of the BP station and the presence of MTBE in the groundwater, it is strongly suggested that the impacts at SB-22/GW-22 are not the result of former Pfizer operations, but the result of the long history of releases from the BP station.ROUX will do a focused field investigation involving a Phase I and, if necessary, a Phase II. After the work is done, a summary report will be prepared and a meeting with DEC staff will be requested to discuss the results and determine what should happen next. The Phase II will be performed only if contaminated soil is found below the former UST locations. Five shallow soil borings will be performed around the vault and dispenser area to the top of the silty clay. Soil and groundwater samples will be analyzed via methods 8260 and 8270. The perched water table samples will be collected from 3 temporary wells. Only temporary wells can be installed due to the height restrictions inside of the Fitness Center (it will only accomodate small equipment). Undisturbed soil samples will be collected from the silty clay and the sandy layer below it for permeability testing. If there are no discernable soil impacts in the shallow soil, then they will bore down below the silty clay layer and sample the soil just above the deep groundwater. The existing deep wells BMW-10 to BMW-13 will be gauged and sampled. If the Phase II is necessary, then two additional wells will be installed at two more locations within the Fitness Center footprint and the groundwater will be sampled beneath the silty clay. The Phase II would also involve the collection of additional perched water samples.I looked at the proposed soil boring and well locations depicted in Figure 7 of the report. The locations seemed reasonable.I drafted a letter for the review of Mr. Hussein in which I stated that the Department had approved the 7/18/13 work plan.7/24/13 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today.

Remarks: SOIL SAMPLES POSITIVE FOR PETRO. CONTAMINATION, CLEANUP PENDING.

Material:

Site ID:	444686
Operable Unit ID:	1195130
Operable Unit:	01
Material ID:	2191146
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum

PFIZER (Continued) **U003074670**

Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

VCP:
Program Type: VCP
Site Code: 56802
HW Code: V00067
Site Class: C
SWIS: 2401
Region: 2
Town: New York City
Acres: 1.750
Date Record Added: 11/30/2000
Date Record Updated: 03/23/2007
Updated By: dcwalsh
Site Description: The Citric Block Site is located in the Williamsburg section of Brooklyn, New York. Gerry Street, Harrison Avenue, and Union Avenue border the Citric Block Site to the north, east, and west, respectively, while Flushing Avenue border the Citric Block Site to the south . The Citric Block Site is situated within a high-density, mixed urban residential commercial industrial zone, approximately one mile east-southeast of the East River.Pfizer decommissioned the Citric Block Site for future redevelopment and/or beneficial use. As part of the decommissioning process, all Citric Block Site buildings were demolished, with demolition activities being completed in August 1995. Presently, the reinforced-concrete slab foundation is the only aboveground remnant of the former buildings. The concrete slab is continuous throughout most of the Citric Block Site, and varies in thickness between approximately O.5 and 1.5 feet. The remaining portion of the Citric Block Site is covered with asphalt pavement approximately two inches thick with a four-inch aggregate subgrade. The entire Citric Block Site is surrounded by a 10-ft high chain-link fence, and is under continuous security surveillance.The Citric Block Site was developed for chemical manufacturing between 1854 and 1888 and it operated continuously until 1985, and was demolished in 1995.Redevelopment is likely to include paved areas for outdoor activities in the center of the Citric Block Site and a small park in the western portion. The remainder of the Citric Block Site would be Capped by either the existing concrete slab or by new pavement. The cap will prevent any direct exposure of future users of the property with fill material. Institutional controls involving Deed restrictions have been implemented. The property can be used for industrial/ commercial usage. Site Management Plan requires proper management of all future subgrade construction activities and proper notification to the Department.
Env Problem: The site has been cleaned up. Post remedial groundwater monitoring was satisfactory.

PFIZER (Continued) **U003074670**

Health Problem: Not reported

R118
WSW
1/8-1/4
0.138 mi.
730 ft.

Relative:
Lower

Actual:
12 ft.

PFIZER (ORGANICS/SUCIAC BLOCK) **NY VCP** **S104323903**
CENTRAL PORTION OF PFIZER FACILITY, 630 FLUSHING A **N/A**
BROOKLYN, NY

Site 2 of 2 in cluster R

VCP:

Program Type:	VCP
Site Code:	58107
HW Code:	V00124
Site Class:	C
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	03/23/2007
Updated By:	dcwalsh
Site Description:	The "Organics/Suciac Block" site is located in the central portion of the Pfizer Inc. facility in the Williamsburg section of Brooklyn, NY. Gerry Street, Harrison Avenue, Union Avenue and Wallabout Street border this block. The site was first developed for chemical manufacturing between 1854-1888. Operations continued there until 1989 and all buildings were demolished by March of 1995.The Organic/Suciac block is situated within a high-density, mixed urban/commercial/ industrial zone. Pfizer decommissioned the Organic/Suciac block with the intent to utilize it for future redevelopment and/or beneficial use. As part of the decommissioning process, all buildings were demolished. The present concrete slab is continuous throughout the Block and varies in thickness from 0.5 and 1.5 feet.In 1997, waste from the site was excavated and disposed off site, which included 18.12 tons of mercury and lead hazardous soils. Also, a total of 1,930 tons of benzene hazardous soils were excavated and disposed off-site. In 1999/2000, the excavated soil (approximately 420.3 tons) was classified as a petroleum contaminated non-hazardous material, and was transported off-site and disposed. Institutional Controls: On June 22, 2001, Pfizer presented the deed restrictions for recording in the Kings County Registrars Office. These restrictions state that unless additional response actions are performed at the Site to allow its use for residential purposes, the Site shall be prohibited from being used for purposes other that industrial, commercial and/or recreational purposes without the expressed written permission from the Department.
Env Problem:	In 1997, waste from the site was excavated and disposed off site, which included 18.12 tons of mercury and lead hazardous soils. Also, a total of 1,930 tons of benzene hazardous soils were excavated and disposed off-site. In 1999/2000, the excavated soil (approximately 420.3 tons) was classified as a petroleum contaminated non-hazardous material, and was transported off-site and disposed. Institutional Controls: On June 22, 2001, Pfizer presented the deed restrictions for recording in the Kings County Registrars Office. These restrictions state that unless additional response actions are performed at the Site to allow its use for residential purposes, the Site shall be prohibited from being used for purposes other that industrial, commercial and/or recreational purposes without the expressed written permission from the Department.

PFIZER (ORGANICS/SUCIAC BLOCK) (Continued) **S104323903**

Health Problem: Not reported

S119 **EDR US Hist Auto Stat** **1015556650**
North **57 THROOP AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.150 mi.
793 ft. **Site 1 of 4 in cluster S**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:
Name: STIX REPAIR
Year: 2001
Address: 57 THROOP AVE

T120 **CON EDISON - MANHOLE 15641** **RCRA-LQG** **1014396248**
NNE **662 BROADWAY** **NYP004184289**
1/8-1/4 **BROOKLYN, NY 11206**
0.151 mi.
799 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
15 ft.

RCRA-LQG:
Date form received by agency: 03/23/2010
Facility name: CON EDISON - MANHOLE 15641
Facility address: 662 BROADWAY
BROOKLYN, NY 11206
EPA ID: NYP004184289
Mailing address: 4 IRVING PLACE
NEW YORK, NY 10003
Contact: FRANKLYN MURRAY
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (212) 460-2808
Contact email: MURRAYFR@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator

CON EDISON - MANHOLE 15641 (Continued) **1014396248**

Owner/Op start date: 07/14/2009
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: 4 IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/14/2009
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 07/14/2009
Facility name: CON EDISON - MANHOLE 15641
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

T121 **CONSOLIDATED EDISON MH15861** **NY MANIFEST** **S110046858**
NNE **662 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.151 mi.
799 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
15 ft.

NY MANIFEST:
EPA ID: NYP004184289
Country: USA
Mailing Name: CONSOLIDATED EDISON MH15861
Mailing Contact: FRANKLYN MURRAY
Mailing Address: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY

CONSOLIDATED EDISON MH15861 (Continued) **S110046858**

Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-22
Trans1 Recv Date:	2009-07-22
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-07-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004184289
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	200.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000894723GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	2009-07-22
Trans1 Recv Date:	2009-07-22
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2009-07-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004184289
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported

CONSOLIDATED EDISON MH15861 (Continued) **S110046858**

Quantity:	200.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2009
Manifest Tracking Num:	000894723GBF
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

S122 **EDR US Hist Auto Stat** **1015549637**
NNW **55 THROOP AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.155 mi.
818 ft. **Site 2 of 4 in cluster S**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	THROOP TRANSMISSION
Year:	1999
Address:	55 THROOP AVE
Name:	THROOP TRANSMISSION
Year:	2000
Address:	55 THROOP AVE

S123 **THROOP WALLABOUT REALTY LLC THROOP BUILDINGS** **RCRA NonGen / NLR** **1015747317**
NNW **72 THROOP AVE** **NYR000197897**
1/8-1/4 **BROOKLYN, NY 11206**
0.156 mi.
824 ft. **Site 3 of 4 in cluster S**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/27/2013
Facility name:	THROOP WALLABOUT REALTY LLC THROOP BUILDINGS
Facility address:	72 THROOP AVE BROOKLYN, NY 11206
EPA ID:	NYR000197897
Mailing address:	FLUSHING AVE UNIT 1D BROOKLYN, NY 11205
Contact:	SIMON DUSHINSKY
Contact address:	FLUSHING AVE UNIT 1D BROOKLYN, NY 11205
Contact country:	US
Contact telephone:	(718) 246-4762
Telephone ext.:	220
Contact email:	SIMON5134@VERIZON.NET

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **1015747317**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: THROOP WALLABOUT REALTY LLC
Owner/operator address: FLUSHING AVE UNIT 1D
BROOKLYN, NY 11205
Owner/operator country: US
Owner/operator telephone: (718) 246-4762
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/31/2012
Owner/Op end date: Not reported

Owner/operator name: SIMON DUSHINSKY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/31/2012
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/29/2012
Facility name: THROOP WALLABOUT REALTY LLC THROOP BUILDINGS
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

S124 **THROOP WALLABOUT REALTY LLC THROOP BUILDINGS** **NY MANIFEST** **S110242381**
NNW **72 THROOP AVENUE** **NY E DESIGNATION** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.156 mi.
824 ft. **Site 4 of 4 in cluster S**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:

EPA ID:	NYR000197897
Country:	USA
Mailing Name:	THROOP WALLABOUT REALTY LLC THROOP BUILDINGS
Mailing Contact:	THROOP WALLABOUT REALTY LLC
Mailing Address:	505 FLUSHING AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11205
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	37240.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916517JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	52400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916518JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	39400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916519JJK

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	47020.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916520JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	44700.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916521JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	42340.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916522JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	40500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916523JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Waste Code:	Not reported
Quantity:	43160.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916524JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	44800.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916525JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	43740.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916526JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	38480.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Year:	2012
Manifest Tracking Num:	010916527JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	51520.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916528JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	37640.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916529JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	40560.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916530JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	41620.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916531JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	43620.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916532JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJR000029967
Trans2 State ID:	Not reported
Generator Ship Date:	2012-12-12
Trans1 Recv Date:	2012-12-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-12-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	46400.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	010916533JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJR000029967
Trans2 State ID: Not reported
Generator Ship Date: 2012-12-12
Trans1 Recv Date: 2012-12-12
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2012-12-12
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000197897
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 45240.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 010916534JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: Y
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H111

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: PAD146714878
Trans2 State ID: Not reported
Generator Ship Date: 10-Jan-2013 00:00:00
Trans1 Recv Date: 10-Jan-2013 00:00:00
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10-Jan-2013 00:00:00
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000197897
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD991291105
Waste Code: Not reported
Quantity: 43900
Units: P - Pounds
Number of Containers: 1

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	010914714JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	10-Jan-2013 00:00:00
Trans1 Recv Date:	10-Jan-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10-Jan-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000197897
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	47840
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	010914715JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

Click this hyperlink while viewing on your computer to access
22 additional NY_MANIFEST: record(s) in the EDR Site Report.

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

E DESIGNATION:

Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - #2 Fuel Oil or Natural Gas for heating, ventilating and air conditioning systems
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	KOLLEL REMU
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000060750
Total Assessed Value:	00000076950

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998954
Y Coordinate:	0195217
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	KOLLEL REMU
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000060750
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998954
Y Coordinate:	0195217
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	KOLLEL REMU
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000060750
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998954
Y Coordinate:	0195217
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	29
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3003
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	V1
Land Use Category:	11
Number of Easements:	0

THROOP WALLABOUT REALTY LLC THROOP BUILDINGS (Continued) **S110242381**

Owner, Type of Code:	P
Owner Name:	KOLLEL REMU
Lot Area:	000007500
Total Building Floor Area:	00000000000
Commercial Floor Area:	00000000000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	4
Number of Buildings:	00000
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0075.00
Lot Depth:	0100.00
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000060750
Total Assessed Value:	00000076950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022660029
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998954
Y Coordinate:	0195217
Zoning Map:	13B
Sanborn Map:	303 036
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

U125 **LOT 38,TAXBLOCK 2250** **NY AST** **U001841022**
NNW **307 WALLABOUT STREET** **NY E DESIGNATION** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.157 mi.
829 ft. **Site 1 of 4 in cluster U**

Relative:
Lower

Actual:
13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-481343
Program Type:	PBS
UTM X:	588938.49216999998
UTM Y:	4506227.9880499998
Expiration Date:	N/A
Site Type:	Unknown

Affiliation Records:

Site Id:	21519
Affiliation Type:	Facility Owner
Company Name:	CITY OF NY%NYC PUBLIC DEV CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	161 WILLIAM STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 619-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21519
Affiliation Type:	Mail Contact
Company Name:	CITY OF NY%NYC PUBLIC DEV CORP
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	161 WILLIAM STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 619-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21519
Affiliation Type:	On-Site Operator
Company Name:	307 WALLABOUNT STREET
Contact Type:	Not reported
Contact Name:	CITY OF NY%NYC PUBLIC DEV CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 619-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	21519
Affiliation Type:	Emergency Contact
Company Name:	CITY OF NY%NYC PUBLIC DEV CORP
Contact Type:	Not reported
Contact Name:	DAN KURTZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 625-6085
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	41124
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed Prior to Micro Conversion, 03/91
Pipe Model:	Not reported
Install Date:	05/01/1961
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

Material Name: #2 Fuel Oil (On-Site Consumption)

E DESIGNATION:

Tax Lot(s):	38
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Air Quality - Natural Gas Heat & Hot Water
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3002
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	A. HOLDING
Lot Area:	000005000
Total Building Floor Area:	00000005000
Commercial Floor Area:	00000005000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000005000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	1
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000029610

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

Total Assessed Value:	00000092700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1993
Year Built Code:	Not reported
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022500038
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998753
Y Coordinate:	0195257
Zoning Map:	13B
Sanborn Map:	303 035
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	38
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Exhaust stack location limitations
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3002
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	A. HOLDING
Lot Area:	000005000
Total Building Floor Area:	00000005000
Commercial Floor Area:	00000005000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000005000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	1
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000029610
Total Assessed Value:	00000092700
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1993
Year Built Code:	Not reported
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022500038
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998753
Y Coordinate:	0195257
Zoning Map:	13B
Sanborn Map:	303 035
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

Pluto-Base Map Indicator:	1
Tax Lot(s):	38
E-No:	E-238
Effective Date:	12/22/2009
Satisfaction Date:	Not reported
Ceqr Number:	09HPD019K
Ulurp Number:	090413ZMK
Zoning Map No:	13b
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BK
Community District:	301
Census Tract:	507
Census Block:	3002
School District:	14
City Council District:	33
Fire Company:	E230
Health Area:	30
Police Precinct:	090
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	E9
Land Use Category:	06
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	A. HOLDING
Lot Area:	000005000
Total Building Floor Area:	00000005000
Commercial Floor Area:	00000005000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000005000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.00
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0100.00
Proximity Code:	1
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000029610
Total Assessed Value:	00000092700

LOT 38,TAXBLOCK 2250 (Continued) **U001841022**

Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1993
Year Built Code:	Not reported
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0001.00
Maximum Allowable Far:	02.00
Borough Code:	3
Borough Tax Block And Lot:	3022500038
Condominium Number:	00000
Census Tract 2:	0507
X Coordinate:	0998753
Y Coordinate:	0195257
Zoning Map:	13B
Sanborn Map:	303 035
Tax Map:	30803
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

U126 **EDR US Hist Auto Stat** **1015466419**
NNW **398 WALLABOUT ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.159 mi.
839 ft. **Site 2 of 4 in cluster U**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	CAMILO & DURAN AUTO SERVICE CNTR
Year:	1999
Address:	398 WALLABOUT ST
Name:	CAMILO & DURAN AUTO SERVICE CENTER
Year:	2000
Address:	398 WALLABOUT ST
Name:	CAMILO & DURAN AUTO SRVC CTR
Year:	2001
Address:	398 WALLABOUT ST
Name:	CAMILO & DURAN AUTO SRVC CTR
Year:	2002
Address:	398 WALLABOUT ST
Name:	CAMILO & DURAN AUTO SRVC CTR
Year:	2003
Address:	398 WALLABOUT ST
Name:	NELSON FBRN NLSN AUTO SRVC

(Continued) **1015466419**

Year: 2004
Address: 398 WALLABOUT ST

Name: ESPANIAL AUTO REPAIR
Year: 2011
Address: 398 WALLABOUT ST

Name: ESPANIAL AUTO REPAIR
Year: 2012
Address: 398 WALLABOUT ST

U127 **MAGIC AUTO REPAIR SHOP** **NY AST** **A100294927**
NNW **398 WALLABOUT STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.159 mi.
839 ft. **Site 3 of 4 in cluster U**

Relative:
Lower

Actual:
13 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-610019
Program Type: PBS
UTM X: 588934.06688000006
UTM Y: 4506261.87959
Expiration Date: 2010/09/26
Site Type: Other

Affiliation Records:
Site Id: 353126
Affiliation Type: Facility Owner
Company Name: NELSON E. FABIAN
Contact Type: OWNER
Contact Name: NELSON FABIAN
Address1: 398 WALLABOUT ST.
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 302-2396
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/26/2005

Site Id: 353126
Affiliation Type: Mail Contact
Company Name: NELSON E. FABIAN
Contact Type: Not reported
Contact Name: Not reported
Address1: MAGIC AUTO REPAIR SHOP
Address2: 398 WALLABOUT STREET
City: BROOKLYN
State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 302-2396

MAGIC AUTO REPAIR SHOP (Continued) **A100294927**

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/26/2005

Site Id: 353126
Affiliation Type: On-Site Operator
Company Name: MAGIC AUTO REPAIR SHOP
Contact Type: Not reported
Contact Name: NELSON E. FABIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 302-2396
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/26/2005

Site Id: 353126
Affiliation Type: Emergency Contact
Company Name: NELSON E. FABIAN
Contact Type: Not reported
Contact Name: INDIRA FAIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (347) 302-2396
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 9/26/2005

Tank Info:

Tank Number: 001
Tank Id: 208130
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 400
Tightness Test Method: NN
Date Test: Not reported

MAGIC AUTO REPAIR SHOP (Continued) **A100294927**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	09/26/2005
Material Name:	Waste Oil/Used Oil

U128 **VARTEX INSTRUMENT CORP** **RCRA NonGen / NLR** **1004761306**
NNW **311 WALLABOUT ST** **FINDS** **NYR000084483**
1/8-1/4 **BROOKLYN, NY 11206** **NY MANIFEST**
0.159 mi.
841 ft. **Site 4 of 4 in cluster U**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VARTEX INSTRUMENT CORP
Facility address:	311 WALLABOUT ST BROOKLYN, NY 11206
EPA ID:	NYR000084483
Mailing address:	PO BOX 780075 MASPETH, NY 113780075
Contact:	JOHN VARTOUGHIAN
Contact address:	PO BOX 780075 MASPETH, NY 113780075
Contact country:	US
Contact telephone:	(718) 779-3151
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	VARTEX INTERNATIONAL LTD
Owner/operator address:	PO BOX 780075 MASPETH, NY 11378
Owner/operator country:	US
Owner/operator telephone:	(718) 779-3151
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	VARTEX INTERNATIONAL LTD
Owner/operator address:	PO BOX 780075 MASPETH, NY 11378
Owner/operator country:	US
Owner/operator telephone:	(718) 779-3151
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

VARTEX INSTRUMENT CORP (Continued) **1004761306**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: VARTEX INSTRUMENT CORP
Classification: Not a generator, verified

Date form received by agency: 02/09/2000
Facility name: VARTEX INSTRUMENT CORP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004561206

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:
EPA ID: NYR000084483
Country: USA
Mailing Name: VARTEX INSTRUMENT CORP
Mailing Contact: JOHN VARTOUGHIAN
Mailing Address: 311 WALLOBOUT ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-476-3897

Document ID: NYG2260503
Manifest Status: Not reported
Trans1 State ID: NYD077444263
Trans2 State ID: Not reported
Generator Ship Date: 02/25/2000
Trans1 Recv Date: 02/25/2000

VARTEX INSTRUMENT CORP (Continued) **1004761306**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/29/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000084483
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	NYPD1010
Waste Code:	D040 - TRICHLOROETHYLENE 0.5 MG/L TCLP
Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00200
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	2000

129
South
1/8-1/4
0.159 mi.
842 ft.

CON EDISON **RCRA-CESQG** **1014396174**
747 PARK AVE **NYP004183547**
BROOKLYN, NY 11206

Relative:
Higher

Actual:
29 ft.

RCRA-CESQG:

Date form received by agency:	07/14/2009
Facility name:	CON EDISON
Facility address:	747 PARK AVE BROOKLYN, NY 11206
EPA ID:	NYP004183547
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	CAROLINE ISKANDER
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(718) 666-4714
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

CON EDISON (Continued) **1014396174**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

V130 **EDR US Hist Auto Stat** **1015485702**
North **420 WALLABOUT ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.176 mi.
928 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	GENIO & CLEREN AUTO BODY
Year:	1999
Address:	420 WALLABOUT ST
Name:	GENIO & CLEREN AUTO BODY
Year:	2000
Address:	420 WALLABOUT ST
Name:	GENIO & CLEREN AUTO BODY
Year:	2001
Address:	420 WALLABOUT ST

V131 **EDR US Hist Auto Stat** **1015501511**
NNW **45 THROOP AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.178 mi.
940 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	WALLABOUT THROOP COLLISION
Year:	2000
Address:	45 THROOP AVE
Name:	WALLABOUT THROOP COLLISION
Year:	2001
Address:	45 THROOP AVE
Name:	WALLABOUT THROOP COLLISION

(Continued) **1015501511**

Year: 2002
Address: 45 THROOP AVE

132
NE
1/8-1/4
0.183 mi.
967 ft.

12 COOK ST
BROOKLYN, NY 11206

EDR US Hist Auto Stat **1015177305**
N/A

Relative:
Higher

Actual:
18 ft.

EDR Historical Auto Stations:
Name: PRO SERVICE AUTO COLLISION
Year: 2009
Address: 12 COOK ST

W133
WNW
1/8-1/4
0.184 mi.
973 ft.

255 WALLABOUT ST/PFIZER
255 WALLABOUT STREET
NEW YORK CITY, NY

Site 1 of 2 in cluster W

NY LTANKS **S102671554**
N/A

Relative:
Lower

Actual:
13 ft.

LTANKS:
Site ID: 219704
Spill Number/Closed Date: 9005003 / 11/14/2006
Spill Date: 8/6/1990
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: CHAWLA
Referred To: Not reported
Reported to Dept: 8/6/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 8/8/1990
Spill Record Last Update: 11/14/2006
Spiller Name: Not reported
Spiller Company: PFIZER INC
Spiller Address: 11 BARTLETT STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 181700
DEC Memo: Not reported
Remarks: CONTAMINATED SOIL DISCOVERED UPON EXCAVATION OF TANK.

255 WALLABOUT ST/PFIZER (Continued) **S102671554**

Material:

Site ID:	219704
Operable Unit ID:	945487
Operable Unit:	01
Material ID:	436074
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

W134 **PFIZER INC BROOKLYN PLANT** **RCRA NonGen / NLR** **1000871470**
WNW **338 WALLABOUT ST** **FINDS** **NY0000055384**
1/8-1/4 **BROOKLYN, NY** **NY MANIFEST**
0.185 mi.
975 ft. **Site 2 of 2 in cluster W**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	PFIZER INC BROOKLYN PLANT
Facility address:	338 WALLABOUT ST BROOKLYN, NY 112064923
EPA ID:	NY0000055384
Mailing address:	FLUSHING AVE BROOKLYN, NY 112065092
Contact:	Not reported
Contact address:	FLUSHING AVE BROOKLYN, NY 112065092
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PFIZER INC
Owner/operator address:	630 FLUSHING AVE BROOKLYN, NY 11206
Owner/operator country:	US
Owner/operator telephone:	(718) 780-8686
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PFIZER INC
Owner/operator address:	630 FLUSHING AVE BROOKLYN, NY 11206

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Owner/operator country: US
Owner/operator telephone: (718) 780-8686
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Not a generator, verified

Date form received by agency: 03/03/1998
Facility name: PFIZER INC BROOKLYN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 03/29/1996
Facility name: PFIZER INC BROOKLYN PLANT
Site name: PFIZER INC
Classification: Large Quantity Generator

Date form received by agency: 11/08/1993
Facility name: PFIZER INC BROOKLYN PLANT
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110000881920

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NY0000055384
Country:	USA
Mailing Name:	PFIZER INC
Mailing Contact:	TOM SNEE
Mailing Address:	630 FLUSHING AVE
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-780-8686

Document ID:	NJA2023528
Manifest Status:	Completed copy
Trans1 State ID:	S00938
Trans2 State ID:	Not reported
Generator Ship Date:	941216
Trans1 Recv Date:	941216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941219
Part A Recv Date:	Not reported
Part B Recv Date:	950109
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NJD071629976
Trans2 EPA ID:	Not reported
TSDF ID:	NJD053288239
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	94

Document ID:	NJA2023524
Manifest Status:	Completed copy
Trans1 State ID:	S00938
Trans2 State ID:	Not reported
Generator Ship Date:	941216
Trans1 Recv Date:	941216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	941219
Part A Recv Date:	Not reported
Part B Recv Date:	950109
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NJD071629976
Trans2 EPA ID:	Not reported

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

TSDF ID:	NJD053288239
Waste Code:	F003 - UNKNOWN
Quantity:	01760
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01560
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00440
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NJA1914499
Manifest Status:	Completed copy
Trans1 State ID:	S03217
Trans2 State ID:	Not reported
Generator Ship Date:	940916
Trans1 Recv Date:	940916
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940919
Part A Recv Date:	940923
Part B Recv Date:	941005
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NJD071629976
Trans2 EPA ID:	Not reported
TSDF ID:	NJD053288239
Waste Code:	U122 - FORMALDEHYDE
Quantity:	00100
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00925
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00880
Units:	P - Pounds
Number of Containers:	002

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NYB4207293
Manifest Status:	Completed copy
Trans1 State ID:	RL40489
Trans2 State ID:	Not reported
Generator Ship Date:	960826
Trans1 Recv Date:	960826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960826
Part A Recv Date:	960904
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	24917
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207392
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	RK35522
Trans2 State ID:	Not reported
Generator Ship Date:	960828
Trans1 Recv Date:	960828
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960829
Part A Recv Date:	960912
Part B Recv Date:	960923
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	31533
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207329
Manifest Status:	Completed copy
Trans1 State ID:	RG99979QB

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Trans2 State ID:	Not reported
Generator Ship Date:	960827
Trans1 Recv Date:	960827
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960828
Part A Recv Date:	960909
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	38302
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB7840989
Manifest Status:	Completed copy
Trans1 State ID:	T4A695NJ
Trans2 State ID:	Not reported
Generator Ship Date:	960826
Trans1 Recv Date:	960826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960827
Part A Recv Date:	960904
Part B Recv Date:	960917
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD986969947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	40360
Units:	P - Pounds
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207284
Manifest Status:	Completed copy
Trans1 State ID:	RH16173QC
Trans2 State ID:	Not reported
Generator Ship Date:	960826
Trans1 Recv Date:	960826
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960826
Part A Recv Date:	960904
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD986909752

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Trans2 EPA ID: Not reported
TSDF ID: CDD980756415
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 29548
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: NYB7840971
Manifest Status: Completed copy
Trans1 State ID: T4A69SNJ
Trans2 State ID: Not reported
Generator Ship Date: 960822
Trans1 Recv Date: 960822
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960823
Part A Recv Date: 960909
Part B Recv Date: 960912
Generator EPA ID: NY0000055384
Trans1 EPA ID: NYD986969947
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 47860
Units: P - Pounds
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: NYB4207365
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: RK43250
Trans2 State ID: Not reported
Generator Ship Date: 960828
Trans1 Recv Date: 960828
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960829
Part A Recv Date: 960912
Part B Recv Date: 960923
Generator EPA ID: NY0000055384
Trans1 EPA ID: NYD980762140
Trans2 EPA ID: Not reported
TSDF ID: CDD980756415
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 35127
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Year: 96

Document ID: NYB4207419
Manifest Status: Completed copy
Trans1 State ID: RJ40302OK
Trans2 State ID: Not reported
Generator Ship Date: 960830
Trans1 Recv Date: 960830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960830
Part A Recv Date: 960912
Part B Recv Date: 960923
Generator EPA ID: NY0000055384
Trans1 EPA ID: NYD986909752
Trans2 EPA ID: Not reported
TSDF ID: CDD980756415
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 37905
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: NYB4207455
Manifest Status: Completed copy
Trans1 State ID: RG48009
Trans2 State ID: Not reported
Generator Ship Date: 960830
Trans1 Recv Date: 960830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 960830
Part A Recv Date: 960912
Part B Recv Date: 960923
Generator EPA ID: NY0000055384
Trans1 EPA ID: NYD980762140
Trans2 EPA ID: Not reported
TSDF ID: CDD980756415
Waste Code: D009 - MERCURY 0.2 MG/L TCLP
Quantity: 39250
Units: P - Pounds
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 96

Document ID: NYB5211189
Manifest Status: Completed copy
Trans1 State ID: RG11135QU
Trans2 State ID: Not reported
Generator Ship Date: 960826
Trans1 Recv Date: 960826

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960829
Part A Recv Date:	960904
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	25160
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207302
Manifest Status:	Completed copy
Trans1 State ID:	RL40489
Trans2 State ID:	Not reported
Generator Ship Date:	960827
Trans1 Recv Date:	960827
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960828
Part A Recv Date:	960909
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	46890
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207383
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	RH40301
Generator Ship Date:	960828
Trans1 Recv Date:	960828
Trans2 Recv Date:	960828
TSD Site Recv Date:	960829
Part A Recv Date:	960912
Part B Recv Date:	960923
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD986909752
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Quantity:	43440
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207482
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	RG11135
Trans2 State ID:	Not reported
Generator Ship Date:	960905
Trans1 Recv Date:	960905
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960905
Part A Recv Date:	960912
Part B Recv Date:	961001
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	41213
Units:	P - Pounds
Number of Containers:	004
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207464
Manifest Status:	Completed copy
Trans1 State ID:	RL40489Q
Trans2 State ID:	Not reported
Generator Ship Date:	960830
Trans1 Recv Date:	960830
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960830
Part A Recv Date:	960912
Part B Recv Date:	960923
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	39052
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Document ID:	NYB7840134
Manifest Status:	Completed copy
Trans1 State ID:	4285STIL
Trans2 State ID:	Not reported
Generator Ship Date:	960105
Trans1 Recv Date:	960105
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960108
Part A Recv Date:	960112
Part B Recv Date:	960125
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD986969947
Trans2 EPA ID:	Not reported
TSDF ID:	KYD088438817
Waste Code:	U002 - ACETONE
Quantity:	00020
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYB4207743
Manifest Status:	Completed copy
Trans1 State ID:	RL40498QC
Trans2 State ID:	Not reported
Generator Ship Date:	960827
Trans1 Recv Date:	960827
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960828
Part A Recv Date:	960909
Part B Recv Date:	960918
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	NYD980762140
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	47805
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	96

Document ID:	NYG0101817
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	RL37394QC
Trans2 State ID:	Not reported
Generator Ship Date:	970627
Trans1 Recv Date:	970627
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970701
Part A Recv Date:	970723

PFIZER INC BROOKLYN PLANT (Continued) **1000871470**

Part B Recv Date:	970725
Generator EPA ID:	NY0000055384
Trans1 EPA ID:	CDN0000FA094
Trans2 EPA ID:	Not reported
TSDF ID:	CDD980756415
Waste Code:	F003 - UNKNOWN
Quantity:	40088
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	97

Click this hyperlink while viewing on your computer to access
155 additional NY_MANIFEST: record(s) in the EDR Site Report.

X135 **SOSA DIAGNOSTIC REPAIR INC.** **NY AST** **A100304674**
North **620 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.189 mi.
996 ft. **Site 1 of 2 in cluster X**

Relative:
Lower

Actual:
13 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610529
Program Type:	PBS
UTM X:	589024.82559999998
UTM Y:	4506333.3587300004
Expiration Date:	2017/04/04
Site Type:	Other

Affiliation Records:

Site Id:	379408
Affiliation Type:	Facility Owner
Company Name:	FIDEL SOSA
Contact Type:	OWNER/OPERATOR
Contact Name:	FIDEL SOSA
Address1:	91-50 114TH ST
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(718) 846-3878
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/4/2007

Site Id:	379408
Affiliation Type:	Mail Contact
Company Name:	SOSA DIAGNOSTIC REPAIR INC.
Contact Type:	Not reported
Contact Name:	WILLIAM SOSA
Address1:	91-50 114TH STREET

SOSA DIAGNOSTIC REPAIR INC. (Continued) **A100304674**

Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(347) 234-3274
EMail:	CRAZY4CASSY@MSN.COM
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2/1/2012

Site Id:	379408
Affiliation Type:	On-Site Operator
Company Name:	SOSA DIAGNOSTIC REPAIR INC.
Contact Type:	Not reported
Contact Name:	FIDEL SOSA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-7399
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/4/2007

Site Id:	379408
Affiliation Type:	Emergency Contact
Company Name:	FIDEL SOSA
Contact Type:	Not reported
Contact Name:	WILLIAM SOSA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(347) 234-3274
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	4/4/2007

Tank Info:

Tank Number:	001
Tank Id:	216665
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

E00 - Piping Secondary Containment - None
I01 - Overfill - Float Vent Valve
J01 - Dispenser - Pressurized Dispenser

SOSA DIAGNOSTIC REPAIR INC. (Continued) **A100304674**

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1975
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/04/2007
Material Name:	Waste Oil/Used Oil

X136 **EDR US Hist Auto Stat** **1015579247**
North **620 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.189 mi.
996 ft. **Site 2 of 2 in cluster X**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	SOSA DIAGNOSTIC REPAIR INCORPORATED
Year:	1999
Address:	620 BROADWAY
Name:	SOSA DIAGNOSTIC REPAIR INCORPORATED
Year:	2000
Address:	620 BROADWAY
Name:	DIAGNOSTIC REPAIR INC
Year:	2001
Address:	620 BROADWAY
Name:	SOSA DIAGNOSTIC REPAIR INC
Year:	2002
Address:	620 BROADWAY
Name:	SOSA DIAGNOSTIC REPAIR INC
Year:	2005
Address:	620 BROADWAY
Name:	SOSA DIAGNOSTIC REPAIR INC
Year:	2006
Address:	620 BROADWAY
Name:	SOSA DIAGNOSTIC REPAIR INC
Year:	2007
Address:	620 BROADWAY

(Continued) **1015579247**

Name: SOSA DIAGNOSTIC REPAIR INC
Year: 2008
Address: 620 BROADWAY

Name: SOSA DIAGNOSTIC REPAIR INC
Year: 2009
Address: 620 BROADWAY

Name: SOSA DIAGNOSTIC REPAIR INC
Year: 2010
Address: 620 BROADWAY

Name: SOSA DIAGNOSTIC REPAIR INC
Year: 2011
Address: 620 BROADWAY

Name: SOSA DIAGNOSTIC REPAIR INC
Year: 2012
Address: 620 BROADWAY

Y137 **CONSOLIDATED EDISON** **NY MANIFEST** **1009243556**
WSW **MH611-104 FLUSHING AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.191 mi.
1006 ft. **Site 1 of 4 in cluster Y**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:
EPA ID: NYP004130522
Country: USA
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE1313865
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 04/14/2005
Trans1 Recv Date: 04/14/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/14/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004130522
Trans1 EPA ID: 46233JM
Trans2 EPA ID: Not reported
TSDF ID: NYD980593636
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 00545
Units: K - Kilograms (2.2 pounds)

CONSOLIDATED EDISON (Continued) **1009243556**

Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	Not reported

Document ID:	NYE1313865
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	04/14/2005
Trans1 Recv Date:	04/14/2005
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/14/2005
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004130522
Trans1 EPA ID:	46233JM
Trans2 EPA ID:	Not reported
TSDF ID:	NYD980593636
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00545
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2005

Y138 **V1821** **RCRA NonGen / NLR** **1007206768**
WSW **2 GERRY STREET** **NY MANIFEST** **NYP004018412**
1/8-1/4 **BROOKLYN, NY 11206**
0.192 mi.
1016 ft. **Site 2 of 4 in cluster Y**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	V1821
Facility address:	2 GERRY STREET BROOKLYN, NY 11206
EPA ID:	NYP004018412
Contact:	ANTHONY DRUMMINGS
Contact address:	2 GERRY STREET BROOKLYN, NY 11206
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

V1821 (Continued) **1007206768**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/02/2001
Facility name:	V1821
Classification:	Not a generator, verified

Date form received by agency:	01/01/2001
Facility name:	V1821
Classification:	Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004018412
Country:	USA
Mailing Name:	CONSOLIDATED EDISON COMPANY OF NEW YORK
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0252090
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/07/1999
Trans1 Recv Date:	01/07/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/07/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	43790A
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	11745
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks

V1821 (Continued) **1007206768**

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0256893
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/06/1999
Trans1 Recv Date: 01/06/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/07/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004018412
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: SM1567
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 09536
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0256915
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/06/1999
Trans1 Recv Date: 01/06/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/06/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004018412
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 43790A
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 23900
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0243854
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported

V1821 (Continued) **1007206768**

Generator Ship Date:	10/04/1998
Trans1 Recv Date:	10/04/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/05/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	78528N
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	14418
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0244247
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/03/1998
Trans1 Recv Date:	10/03/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/05/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	78545N
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	17088
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0101013
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/20/1998
Trans1 Recv Date:	02/20/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/23/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported

V1821 (Continued) **1007206768**

TSDF ID:	V4209
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	00364
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0257264
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/04/1998
Trans1 Recv Date:	10/04/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/05/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	SM1563
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	12019
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0257321
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/05/1998
Trans1 Recv Date:	10/05/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/06/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	78528N
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	07897
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

V1821 (Continued) **1007206768**

Document ID:	NYE0277200
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/06/1998
Trans1 Recv Date:	10/06/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/06/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	80303AB
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00112
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0244293
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/06/1998
Trans1 Recv Date:	10/06/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/06/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	80303AK
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	01109
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0257984
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/20/1998
Trans1 Recv Date:	10/20/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/23/1998
Part A Recv Date:	Not reported

V1821 (Continued) **1007206768**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018412
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	43790A
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	19219
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Y139 **V2107** **RCRA NonGen / NLR** **1007206769**
WSW **2-48 GERRY** **NY MANIFEST** **NYP004018420**
1/8-1/4 **BROOKLYN, NY 11206**
0.192 mi.
1016 ft. **Site 3 of 4 in cluster Y**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	V2107
Facility address:	2-48 GERRY BROOKLYN, NY 11206
EPA ID:	NYP004018420
Contact:	ANTHONY DRUMMINGS
Contact address:	2-48 GERRY BROOKLYN, NY 11206
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/02/2001
Facility name:	V2107
Classification:	Not a generator, verified

V2107 (Continued) **1007206769**

Date form received by agency: 01/01/2001
Facility name: V2107
Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYP004018420
Country: USA
Mailing Name: CONSOLIDATED EDISON COMPANY OF NEW YORK
Mailing Contact: FRANKLIN MURRAY
Mailing Address: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 212-460-2808

Document ID: NYE0256724
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 01/06/1999
Trans1 Recv Date: 01/06/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/07/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004018420
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported
TSDF ID: 20854AD
Waste Code: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity: 13386
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 99

Document ID: NYE0101035
Manifest Status: Not reported
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 02/20/1998
Trans1 Recv Date: 02/20/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/23/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004018420
Trans1 EPA ID: NYD980593636
Trans2 EPA ID: Not reported

V2107 (Continued) **1007206769**

TSDF ID:	GX3216
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01145
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Document ID:	NYE0257310
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/05/1998
Trans1 Recv Date:	10/05/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/06/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004018420
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	78528N
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01357
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	98

Z140 **NYC DEPT OF EDUCATION - PS 297K** **NY MANIFEST** **S113816932**
SSW **700 PARK AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.198 mi.
1046 ft. **Site 1 of 3 in cluster Z**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:

EPA ID:	NYR000199927
Country:	USA
Mailing Name:	NYC DEPT OF EDUCATION - PS 297K
Mailing Contact:	NYC DEPT OF EDUCATION - PS 297K
Mailing Address:	700 PARK AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300016672

NYC DEPT OF EDUCATION - PS 297K (Continued) **S113816932**

Trans2 State ID:	Not reported
Generator Ship Date:	19-Jun-2013 00:00:00
Trans1 Recv Date:	19-Jun-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	21-Jun-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000199927
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	28
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	004555036FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	19-Jun-2013 00:00:00
Trans1 Recv Date:	19-Jun-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	21-Jun-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000199927
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	48
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3
Container Type:	BA - Burlap, plastic, paper bags
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	004555036FLE
Import Ind:	N

NYC DEPT OF EDUCATION - PS 297K (Continued) **S113816932**

Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Z141 **PUBLIC SCHOOL 297 - BROOKLYN** **NY AST** **A100320246**
SSW **700 PARK AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.198 mi.
1046 ft. **Site 2 of 3 in cluster Z**

Relative:
Higher

Actual:
23 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-354570
Program Type:	PBS
UTM X:	588953.27459000004
UTM Y:	4505710.4330900004
Expiration Date:	2018/06/28
Site Type:	School

Affiliation Records:

Site Id:	17635
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Site Id:	17635
Affiliation Type:	On-Site Operator
Company Name:	PUBLIC SCHOOL 297 - BROOKLYN
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400

PUBLIC SCHOOL 297 - BROOKLYN (Continued) **A100320246**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	5/13/2008

Site Id:	17635
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	KAKYER
Date Last Modified:	8/1/2013

Site Id:	17635
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	7/22/2013

Tank Info:

Tank Number:	001
Tank Id:	34525
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating

PUBLIC SCHOOL 297 - BROOKLYN (Continued) **A100320246**

H00 - Tank Leak Detection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/16/1959
Capacity Gallons:	12000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	07/17/2013
Material Name:	#2 Fuel Oil (On-Site Consumption)

Z142 **NYC DEPT OF EDUCATION - PS 297K** **RCRA-SQG** **1016144412**
SSW **700 PARK AVE** **NYR000199927**
1/8-1/4 **BROOKLYN, NY 11206**
0.198 mi.
1046 ft. **Site 3 of 3 in cluster Z**

Relative:
Higher

Actual:
23 ft.

RCRA-SQG:

Date form received by agency:	04/23/2013
Facility name:	NYC DEPT OF EDUCATION - PS 297K
Facility address:	700 PARK AVE BROOKLYN, NY 11206
EPA ID:	NYR000199927
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(718) 472-8501
Contact email:	ALEMPERT@NYCSCA.ORG
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	NYC DEPT OF SCHOOL FACILITIES
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	05/11/1966
Owner/Op end date:	Not reported

NYC DEPT OF EDUCATION - PS 297K (Continued) **1016144412**

Owner/operator name: NYC DEPT OF EDU CATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 472-8501
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 05/11/1966
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: B004
Waste name: B004

Waste code: B007
Waste name: B007

Violation Status: No violations found

143
NNE
1/8-1/4
0.200 mi.
1056 ft.

21 MANHATTAN AVE
BROOKLYN, NY 11206

EDR US Hist Cleaners **1015016466**
N/A

Relative:
Higher

Actual:
16 ft.

EDR Historical Cleaners:
Name: MANHATTAN LAUNDROMAT
Year: 1999
Address: 21 MANHATTAN AVE

Name: BIG ARES LAUNDROMAT CORP
Year: 2000
Address: 21 MANHATTAN AVE

Name: MANHATTAN LAUNDROMAT
Year: 2000
Address: 21 MANHATTAN AVE

Name: LAUNDRY ZONE
Year: 2004
Address: 21 MANHATTAN AVE

(Continued) **1015016466**

Name: LAUNDRY ZONE
Year: 2005
Address: 21 MANHATTAN AVE

Name: LAUNDRY ZONE
Year: 2006
Address: 21 MANHATTAN AVE

Name: LAUNDRY ZONE
Year: 2007
Address: 21 MANHATTAN AVE

Name: LAUNDRY ZONE
Year: 2009
Address: 21 MANHATTAN AVE

AA144 **HOO CORP** **NY UST** **U004047146**
NW **94 WALLTON STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.203 mi.
1074 ft. **Site 1 of 3 in cluster AA**

Relative:
Higher

Actual:
14 ft.

UST:
Id/Status: 2-608305 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 2018/02/20
UTM X: 588816.43859000003
UTM Y: 4506270.1298900004
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30157
Affiliation Type: Facility Owner
Company Name: HOO CORP
Contact Type: VP
Contact Name: BLOSSOM ROSENWASSER
Address1: 200 HEWES ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 387-0765
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2/14/2013

Site Id: 30157
Affiliation Type: Mail Contact
Company Name: HOO CORP
Contact Type: Not reported
Contact Name: JACK ROSENWASSER
Address1: 200 HEWES STREET
Address2: Not reported
City: BROOKLYN

HOO CORP (Continued) **U004047146**

State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-0765
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	12/28/2007

Site Id:	30157
Affiliation Type:	On-Site Operator
Company Name:	HOO CORP
Contact Type:	Not reported
Contact Name:	MISSION FOODS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 599-0900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	12/28/2007

Site Id:	30157
Affiliation Type:	Emergency Contact
Company Name:	HOO CORP
Contact Type:	Not reported
Contact Name:	JACK ROSENWASSER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 452-3888
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	12/28/2007

Tank Info:

Tank Number:	001
Tank ID:	65014
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1500
Install Date:	09/16/1971
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

HOO CORP (Continued) **U004047146**

Tightness Test Method: 21
Date Test: 09/12/2012
Next Test Date: 09/12/2017
Pipe Model: Not reported
Modified By: KAKYER
Last Modified: 02/14/2013

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

AB145 **EDR US Hist Cleaners** **1015081799**
South **62 TOMPKINS AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.204 mi.
1075 ft. **Site 1 of 3 in cluster AB**

Relative:
Higher

Actual:
29 ft.

EDR Historical Cleaners:

Name: TOMPKINS LAUNDROMAT INCORPORATED
Year: 2000
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2003
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2004
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2005
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2006
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2007
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2010
Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2011

(Continued) **1015081799**

Address: 62 TOMPKINS AVE

Name: TOMPKINS LAUNDROMAT INC
Year: 2012
Address: 62 TOMPKINS AVE

AA146 **I.S. 318** **NY AST** **U003394304**
NW **101 WALTON STREET** **NY HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.207 mi.
1092 ft. **Site 2 of 3 in cluster AA**

Relative:
Higher

Actual:
14 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-355682
Program Type: PBS
UTM X: 588821.38109000004
UTM Y: 4506221.6178599996
Expiration Date: 2018/06/28
Site Type: School

Affiliation Records:
Site Id: 17736
Affiliation Type: On-Site Operator
Company Name: INTERMEDIATE SCHOOL 318 - BROOKLYN K318
Contact Type: Not reported
Contact Name: PLANT OPERATIONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/10/2013

Site Id: 17736
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: SCHOOL SAFETY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 935-3300
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/6/2013

I.S. 318 (Continued) **U003394304**

Site Id:	17736
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Site Id:	17736
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Tank Info:

Tank Number:	001
Tank Id:	34716
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron

I.S. 318 (Continued) **U003394304**

Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1967
Capacity Gallons: 15000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 06/28/2013
Material Name: #6 Fuel Oil (On-Site Consumption)

Tank Number: 002
Tank Id: 34717
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1967
Capacity Gallons: 15000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 06/28/2013
Material Name: #6 Fuel Oil (On-Site Consumption)

HIST AST:
PBS Number: 2-355682
SWIS Code: 6101
Operator: PLANT OPERATION
Facility Phone: (718) 391-6000
Facility Addr2: 101 WALTON STREET
Facility Type: SCHOOL
Emergency: SCHOOL SAFETY
Emergency Tel: (212) 979-3300

I.S. 318 (Continued) **U003394304**

Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	30000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	15000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported

I.S. 318 (Continued) **U003394304**

Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

Tank ID:	002
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	15000
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AA147 **INTERMEDIATE SCHOOL 318** **RCRA NonGen / NLR** **1000552941**
NW **101 WALTON ST** **FINDS** **NYD986953461**
1/8-1/4 **BROOKLYN, NY 11206** **NY MANIFEST**
0.207 mi.
1092 ft. **Site 3 of 3 in cluster AA**

Relative:
Higher

Actual:
14 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	INTERMEDIATE SCHOOL 318
Facility address:	101 WALTON ST BROOKLYN, NY 112064311
EPA ID:	NYD986953461
Mailing address:	QUEENS PLZ N LONG ISLAND CITY, NY 11101
Contact:	Not reported
Contact address:	QUEENS PLZ N LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 555-1212
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: INTERMEDIATE SCHOOL 318
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: INTERMEDIATE SCHOOL 318
Classification: Not a generator, verified

Date form received by agency: 05/30/1991
Facility name: INTERMEDIATE SCHOOL 318
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Registry ID: 110004467229

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

NY MANIFEST:

EPA ID:	NYD986953461
Country:	USA
Mailing Name:	I S 318 K
Mailing Contact:	ALAN FIERSTEIN
Mailing Address:	101 WALTON STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-782-0589
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-21
Trans1 Recv Date:	2012-05-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-05-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	125.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205029JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-21
Trans1 Recv Date:	2012-05-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-05-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	16.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205029JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-06-12
Trans1 Recv Date:	2012-06-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-06-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	825.0
Units:	P - Pounds
Number of Containers:	14.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205279JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	NYG1708704
Manifest Status:	Not reported
Trans1 State ID:	NYD077444263
Trans2 State ID:	Not reported
Generator Ship Date:	11/12/1999
Trans1 Recv Date:	11/12/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/15/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	NYD077444263
Trans2 EPA ID:	Not reported
TSDF ID:	PD1011NY
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00075
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

Document ID:	NYB2195676
Manifest Status:	Completed copy
Trans1 State ID:	PC4337NY
Trans2 State ID:	Not reported
Generator Ship Date:	910603
Trans1 Recv Date:	910603
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910603
Part A Recv Date:	910614

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Part B Recv Date:	910619
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00080
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00004
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00320
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00120
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-21
Trans1 Recv Date:	2012-05-21
Trans2 Recv Date:	Not reported

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

TSD Site Recv Date:	2012-05-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	2000.0
Units:	P - Pounds
Number of Containers:	16.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205029JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-21
Trans1 Recv Date:	2012-05-21
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-05-21
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	125.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205029JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

INTERMEDIATE SCHOOL 318 (Continued) **1000552941**

Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-06-12
Trans1 Recv Date:	2012-06-12
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-06-12
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986953461
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	825.0
Units:	P - Pounds
Number of Containers:	14.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	009205279JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Y148 **MTA NYCT - FLUSHING AVE STATION G LINE** **RCRA-CESQG** **1001203025**
WSW **FLUSHING & UNION AVE** **FINDS** **NYR000043455**
1/8-1/4 **BROOKLYN, NY** **NJ MANIFEST**
0.213 mi.
1127 ft. **Site 4 of 4 in cluster Y**

Relative:
Lower

Actual:
12 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	MTA NYCT - FLUSHING AVE STATION G LINE
Facility address:	FLUSHING & UNION AVE BROOKLYN, NY 11206
EPA ID:	NYR000043455
Mailing address:	BROADWAY - 2ND FLOOR NEW YORK, NY 10004
Contact:	THOMAS A ABDALLAH

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

Contact address: BROADWAY - 2ND FLOOR
NEW YORK, NY 10004
Contact country: US
Contact telephone: (646) 252-3500
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: MTA NYCT
Owner/operator address: BROADWAY - 2ND FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: (646) 252-3500
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Owner/operator name: NYCT
Owner/operator address: FLUSHING & UNION AVE
BROOKLYN, NY 11206
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Owner/operator name: MTA NYCT
Owner/operator address: BROADWAY - 2ND FLOOR
NEW YORK, NY 10004
Owner/operator country: Not reported
Owner/operator telephone: (646) 252-3500
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Owner/operator name: NYCT
Owner/operator address: FLUSHING & UNION AVE
BROOKLYN, NY 11206
Owner/operator country: Not reported

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1920
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MTA NYCT - FLUSHING AVE STATION G LINE
Classification: Small Quantity Generator

Date form received by agency: 08/18/2003
Facility name: MTA NYCT - FLUSHING AVE STATION G LINE
Classification: Small Quantity Generator

Date form received by agency: 07/25/1997
Facility name: MTA NYCT - FLUSHING AVE STATION G LINE
Site name: MTA NYCT - FLUSHING AVE STATION
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110008100296

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

NJ MANIFEST:

Manifest Code:	NJA5006923
EPA ID:	NYR000043455
Date Shipped:	03/03/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/03/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/03/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03300425
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

Manifest Code:	NJA5104626
EPA ID:	NYR000043455
Date Shipped:	04/28/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD980772768
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/28/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/28/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05110421
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5025287

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

EPA ID:	NYR000043455
Date Shipped:	08/05/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/05/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/05/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08310421
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	NJA5222860
EPA ID:	NYR000043455

MTA NYCT - FLUSHING AVE STATION G LINE (Continued) **1001203025**

Date Shipped:	12/10/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/10/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/10/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01240525
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

AC149 **TM2554** **RCRA NonGen / NLR** **1007207456**
West **322 WALLABOUT STREET** **NY MANIFEST** **NYP004046181**
1/8-1/4 **NEW YORK, NY 11231**
0.215 mi.
1135 ft. **Site 1 of 2 in cluster AC**

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/03/2001
Facility name:	TM2554
Facility address:	322 WALLABOUT STREET NEW YORK, NY 11231
EPA ID:	NYP004046181
Mailing address:	CONSOLIDATED EDISON INC. 4 IRVING PLACE -- ROOM 300 NEW YORK, NY 10003
Contact:	ANTHONY DRUMMINGS
Contact address:	CONSOLIDATED EDISON INC. NEW YORK, NY 10003
Contact country:	US
Contact telephone:	(212) 460-3770
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/02/2001
Facility name:	TM2554
Classification:	Not a generator, verified

Date form received by agency:	01/01/2001
Facility name:	TM2554
Classification:	Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

EPA ID:	NYP004046181
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address:	4 IRVING PLACE RM 828

TM2554 (Continued) **1007207456**

Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	NYE0405558
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	11/16/1999
Trans1 Recv Date:	11/16/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/17/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004046181
Trans1 EPA ID:	NYD980593636
Trans2 EPA ID:	Not reported
TSDF ID:	GX3213
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Quantity:	01146
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	99

AD150 **CONSOLIDATED EDISON** **NY MANIFEST** **S109064806**
East **BROADWAY & FLUSHING AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.220 mi.
1160 ft. **Site 1 of 5 in cluster AD**

Relative:
Higher

Actual:
26 ft.

NY MANIFEST:

EPA ID:	NYP004157848
Country:	USA
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	212-460-2808

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-04-11

CONSOLIDATED EDISON (Continued) **S109064806**

Trans1 Recv Date:	2008-04-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-04-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157848
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	150.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437488FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-04-11
Trans1 Recv Date:	2008-04-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-04-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157848
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	150.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437488FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N

CONSOLIDATED EDISON (Continued) **S109064806**

Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-04-11
Trans1 Recv Date:	2008-04-11
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-04-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004157848
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	150.0
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	3.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001437488FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

AD151 **CON EDISON** **RCRA-CESQG** **1014396431**
East **FLUSHING AVE & BROADWAY** **NYP004186953**
1/8-1/4 **BROOKLYN, NY 11206**
0.220 mi.
1160 ft. **Site 2 of 5 in cluster AD**

Relative:
Higher

Actual:
26 ft.

RCRA-CESQG:

Date form received by agency:	07/27/2009
Facility name:	CON EDISON
Facility address:	FLUSHING AVE & BROADWAY BROOKLYN, NY 11206
EPA ID:	NYP004186953
Mailing address:	4 IRVING PL, RM 828

CON EDISON (Continued) **1014396431**

NEW YORK, NY 10003
Contact: CAROLINE ISKANDER
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (718) 666-4714
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

AD152 **MTA NYCT - FLUSHING AVE STATION J-LINE** **RCRA NonGen / NLR** **1004761232**
East **FLUSHING AVE & BROADWAY** **FINDS** **NYR000082081**
1/8-1/4 **BROOKLYN, NY** **NY MANIFEST**
0.220 mi.
1160 ft. **Site 3 of 5 in cluster AD**

Relative:
Higher

Actual:
26 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: MTA NYCT - FLUSHING AVE STATION J-LINE
Facility address: FLUSHING AVE & BROADWAY
BROOKLYN, NY 11206
EPA ID: NYR000082081
Mailing address: BROADWAY 3RD FLOOR
NEW YORK, NY 10004
Contact: WILLIAM JEHLE

MTA NYCT - FLUSHING AVE STATION J-LINE (Continued) **1004761232**

Contact address: BROADWAY 3RD FLOOR
NEW YORK, NY 10004
Contact country: US
Contact telephone: (646) 252-3500
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MTA NEW YORK CITY TRANSIT
Owner/operator address: 2 BROADWAY 3RD FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: (646) 252-3500
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MTA NEW YORK CITY TRANSIT
Owner/operator address: 2 BROADWAY 3RD FLOOR
NEW YORK, NY 10004
Owner/operator country: US
Owner/operator telephone: (646) 252-3500
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MTA NYCT - FLUSHING AVE STATION J-LINE
Classification: Not a generator, verified

Date form received by agency: 05/03/2000
Facility name: MTA NYCT - FLUSHING AVE STATION J-LINE
Classification: Large Quantity Generator

MTA NYCT - FLUSHING AVE STATION J-LINE (Continued) **1004761232**

Violation Status: No violations found

FINDS:

Registry ID: 110008111373

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID:	NYR000082081
Country:	USA
Mailing Name:	NYCTA
Mailing Contact:	TEEDA MOORE
Mailing Address:	2 BROADWAY - 3RD FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10004
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	646-252-3508

Document ID:	NJA4151807
Manifest Status:	Not reported
Trans1 State ID:	NYD046765574
Trans2 State ID:	Not reported
Generator Ship Date:	07/31/2002
Trans1 Recv Date:	07/31/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/31/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000082081
Trans1 EPA ID:	NJD991291105
Trans2 EPA ID:	Not reported
TSDF ID:	S8424
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	03500
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2002

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD046765574

MTA NYCT - FLUSHING AVE STATION J-LINE (Continued) **1004761232**

Trans2 State ID:	Not reported
Generator Ship Date:	2011-02-14
Trans1 Recv Date:	2011-02-14
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-02-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000082081
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291105
Waste Code:	Not reported
Quantity:	360.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	000202152WAS
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	Y
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	NJA3266293
Manifest Status:	Not reported
Trans1 State ID:	NYD046765574
Trans2 State ID:	Not reported
Generator Ship Date:	09/10/2001
Trans1 Recv Date:	09/10/2001
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/10/2001
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000082081
Trans1 EPA ID:	NJD991291105
Trans2 EPA ID:	Not reported
TSDF ID:	S8424
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Quantity:	00200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	2001

AC153
West
1/8-1/4
0.221 mi.
1168 ft.

36 UNION AVE
BROOKLYN, NY 11206

Site 2 of 2 in cluster AC

EDR US Hist Auto Stat **1015447890**
N/A

Relative:
Lower

Actual:
12 ft.

EDR Historical Auto Stations:
Name: 88 CAR SERVICE INC
Year: 2004
Address: 36 UNION AVE

AE154
NE
1/8-1/4
0.222 mi.
1171 ft.

GRAYCO CORP.
29 COOK STREET
BROOKLYN, NY 11206

Site 1 of 3 in cluster AE

NY AST **A100294254**
N/A

Relative:
Higher

Actual:
19 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-608645
Program Type: PBS
UTM X: 589215.83430999995
UTM Y: 4506242.1687500002
Expiration Date: 2013/03/19
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 30497
Affiliation Type: Facility Owner
Company Name: GRAYCO CORP.
Contact Type: MGR
Contact Name: DAVID GROSS
Address1: 300 MERRICK RD., STE. 301
Address2: Not reported
City: LYNBROOK
State: NY
Zip Code: 11563
Country Code: 001
Phone: (516) 596-1818
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 8/4/2008

Site Id: 30497
Affiliation Type: Mail Contact
Company Name: GRAYCO CORP.
Contact Type: Not reported
Contact Name: DAVID GROSS
Address1: 300 MERRICK ROAD
Address2: SUITE 301
City: LYNBROOK
State: NY
Zip Code: 11563
Country Code: 001
Phone: (516) 596-1818
EMail: Not reported
Fax Number: Not reported

GRAYCO CORP. (Continued) **A100294254**

Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 30497
Affiliation Type: On-Site Operator
Company Name: GRAYCO CORP.
Contact Type: Not reported
Contact Name: JOSE SANTIAGO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 782-0362
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 30497
Affiliation Type: Emergency Contact
Company Name: GRAYCO CORP.
Contact Type: Not reported
Contact Name: DAVID GROSS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 325-1140
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 001
Tank Id: 65433
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
A01 - Tank Internal Protection - Epoxy Liner
I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None

Tank Location: 3

GRAYCO CORP. (Continued) **A100294254**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1984
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	08/04/2008
Material Name:	#2 Fuel Oil (On-Site Consumption)

AB155 **I.S. 33** **NY AST** **U003394327**
South **70 TOMPKINS AVE** **NY HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.226 mi.
1193 ft. **Site 2 of 3 in cluster AB**

Relative:
Higher

Actual:
30 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-356158
Program Type:	PBS
UTM X:	589041.15919999999
UTM Y:	4505642.2674799999
Expiration Date:	2018/06/28
Site Type:	School

Affiliation Records:

Site Id:	17778
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Site Id:	17778
Affiliation Type:	On-Site Operator
Company Name:	INTERMEDIATE SCHOOL 33 - BROOKLYN
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

I.S. 33 (Continued) **U003394327**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	17778
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Site Id:	17778
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Tank Info:

Tank Number:	001
Tank Id:	34775
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

I.S. 33 (Continued) **U003394327**

G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1957
Capacity Gallons:	20000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	06/28/2013
Material Name:	#4 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number:	2-356158
SWIS Code:	6101
Operator:	PLANT OPERATION
Facility Phone:	(718) 391-6000
Facility Addr2:	70 TOMPKINS AVE
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	20000

I.S. 33 (Continued) **U003394327**

FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AB156 **NYC DEPT OF EDUCATION - I S 33K** **RCRA-SQG 1000104055**
South **70 TOMPKINS AVE** **NY MANIFEST NYD986894277**
1/8-1/4 **BROOKLYN, NY 11206**
0.226 mi.
1193 ft. **Site 3 of 3 in cluster AB**

Relative:
Higher

Actual:
30 ft.

RCRA-SQG:

Date form received by agency:	04/29/2013
Facility name:	NYC DEPT OF EDUCATION - I S 33K
Facility address:	70 TOMPKINS AVE BROOKLYN, NY 11206
EPA ID:	NYD986894277
Mailing address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact:	ALEXANDER LEMPERT
Contact address:	THOMSON AVE LONG ISLAND CITY, NY 11101
Contact country:	US
Contact telephone:	(718) 472-8501
Contact email:	ALEMPERT@NYCSCA.ORG

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 472-8501
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 03/19/1958
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 03/19/1958
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2007
Facility name: NYC DEPT OF EDUCATION - I S 33K
Site name: NYC BD OF ED - INTERMEDIATE SCHOOL 33
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: NYC DEPT OF EDUCATION - I S 33K
Site name: NYC BD OF ED - INTERMEDIATE SCHOOL 33
Classification: Not a generator, verified

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Date form received by agency: 07/08/1999
Facility name: NYC DEPT OF EDUCATION - I S 33K
Site name: NYC BD OF ED - INTERMEDIATE SCHOOL 33
Classification: Not a generator, verified

Date form received by agency: 04/05/1990
Facility name: NYC DEPT OF EDUCATION - I S 33K
Site name: NYC BD OF ED - INTERMEDIATE SCHOOL 33
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: B004
Waste name: B004

Waste code: B007
Waste name: B007

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYD986894277
Country: USA
Mailing Name: IS 33
Mailing Contact: MR CARDELLO
Mailing Address: 28-11 QUEENS PLAZA NO. RM 905
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-782-9500

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: MAD985286988
Trans2 State ID: ILD981957236
Generator Ship Date: 2008-08-01
Trans1 Recv Date: 2008-08-01
Trans2 Recv Date: 2008-08-13
TSD Site Recv Date: 2008-08-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986894277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: TXD055135388
Waste Code: Not reported
Quantity: 30.0
Units: P - Pounds
Number of Containers: 6.0
Container Type: CY - Cylinders
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Year: 2008
Manifest Tracking Num: 003748080JJK

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	ILD981957236
Generator Ship Date:	2008-08-01
Trans1 Recv Date:	2008-08-01
Trans2 Recv Date:	2008-08-13
TSD Site Recv Date:	2008-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	TXD055135388
Waste Code:	Not reported
Quantity:	5.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003748080JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H129

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	OHD980614374
Generator Ship Date:	2008-08-01
Trans1 Recv Date:	2008-08-01
Trans2 Recv Date:	2008-08-07
TSD Site Recv Date:	2008-08-11

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD048415665
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	004717051JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H040

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	ILD981957236
Generator Ship Date:	2008-08-01
Trans1 Recv Date:	2008-08-01
Trans2 Recv Date:	2008-08-13
TSD Site Recv Date:	2008-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	TXD055135388
Waste Code:	Not reported
Quantity:	30.0
Units:	P - Pounds
Number of Containers:	6.0
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003748080JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	ILD981957236
Generator Ship Date:	2008-08-01
Trans1 Recv Date:	2008-08-01
Trans2 Recv Date:	2008-08-13
TSD Site Recv Date:	2008-08-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	TXD055135388
Waste Code:	Not reported
Quantity:	5.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CY - Cylinders
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003748080JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H129

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MAD985286988
Trans2 State ID:	OHD980614374
Generator Ship Date:	2008-08-01
Trans1 Recv Date:	2008-08-01
Trans2 Recv Date:	2008-08-07
TSD Site Recv Date:	2008-08-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	OHD048415665

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	004717051JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H040

Document ID:	NYA7649298
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	LJ9742NY
Trans2 State ID:	Not reported
Generator Ship Date:	900425
Trans1 Recv Date:	900425
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900425
Part A Recv Date:	900605
Part B Recv Date:	900629
Generator EPA ID:	NYD986894277
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

NYC DEPT OF EDUCATION - I S 33K (Continued) **1000104055**

Waste Code:	Not reported
Quantity:	00150
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	90

AF157 **SUSION DEVELPORS LLC** **NY UST** **U001330304**
NNW **594 BROADWAY** **NY HIST UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.229 mi.
1211 ft. **Site 1 of 4 in cluster AF**

Relative:
Lower

Actual:
13 ft.

UST:

Id/Status:	2-600870 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588985.46857000003
UTM Y:	4506365.25263
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	22842
Affiliation Type:	Facility Owner
Company Name:	SUSION DEVELPORS LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	545 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 218-7880
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	22842
Affiliation Type:	Mail Contact
Company Name:	SUSION DEVELPORS LLC
Contact Type:	Not reported
Contact Name:	LEO LEFKOWITZ
Address1:	545 BROADWAY
Address2:	Not reported
City:	BROOKLYN

SUSION DEVELPORS LLC (Continued) **U001330304**

State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 218-7880
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22842
Affiliation Type: On-Site Operator
Company Name: SUSION DEVELPORS LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 22842
Affiliation Type: Emergency Contact
Company Name: SUSION DEVELPORS LLC
Contact Type: Not reported
Contact Name: N/A
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: Not reported
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Tank Info:

Tank Number: 1
Tank ID: 44168
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

SUSION DEVELPORS LLC (Continued) **U001330304**

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 10
Tank ID: 44177
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 11
Tank ID: 53192
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 275
Install Date: 07/01/1997
Date Tank Closed: Not reported

SUSION DEVELPORS LLC (Continued) **U001330304**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 2
Tank ID: 44169
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 3
Tank ID: 44170

SUSION DEVELPORS LLC (Continued) **U001330304**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Number: 4
Tank ID: 44171
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

SUSION DEVELPORS LLC (Continued) **U001330304**

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 5
Tank ID: 44172
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 6
Tank ID: 44173
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None

SUSION DEVELPORS LLC (Continued) **U001330304**

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 7
Tank ID: 44174
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 8
Tank ID: 44175
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported

SUSION DEVELPORS LLC (Continued) **U001330304**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 9
Tank ID: 44176
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 09
Date Test: 08/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None

HIST UST:
PBS Number: 2-600870
SPDES Number: Not reported
Emergency Contact: RICHARD BERMEO
Emergency Telephone: (516) 349-8600
Operator: RICHARD'S AUTO REPAIR SHOP
Operator Telephone: (718) 384-2536
Owner Name: BERGAMO HOLDING CORP.
Owner Address: 121-03 DUPONT STREET
Owner City,St,Zip: PLAINVIEW, NY 11803
Owner Telephone: (516) 349-8600

SUSION DEVELPORS LLC (Continued) **U001330304**

Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	BERGAMO HOLDING CORP.
Mailing Address:	121-03 DUPONT STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	PLAINVIEW, NY 11803
Mailing Contact:	JOSEPH MACCHIA JR.
Mailing Telephone:	(516) 349-8600
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	594 BROADWAY
SWIS ID:	6101
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	10/01/1997
Expiration Date:	08/11/2002
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	5775
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data

SUSION DEVELPORS LLC (Continued) **U001330304**

Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	10
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	2
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False

SUSION DEVELPORS LLC (Continued) **U001330304**

Updated: True
Lat/long: Not reported

Tank Id: 3
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: 08/01/1992
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 4
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: 08/01/1992
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: VPLT (NDE)
Deleted: False
Updated: True
Lat/long: Not reported

SUSION DEVELPORS LLC (Continued) **U001330304**

Tank Id:	5
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	6
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	7
Tank Location:	UNDERGROUND
Tank Status:	In Service

SUSION DEVELPORS LLC (Continued) **U001330304**

Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	8
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	9
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE

SUSION DEVELPORS LLC (Continued) **U001330304**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	Suction
Date Tested:	08/01/1992
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	VPLT (NDE)
Deleted:	False
Updated:	True
Lat/long:	Not reported

AF158 **EDR US Hist Auto Stat** **1015564597**
NNW **594 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.229 mi.
1211 ft. **Site 2 of 4 in cluster AF**

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	RICHARD AUTO REPAIR
Year:	1999
Address:	594 BROADWAY
Name:	RICHARD AUTO REPAIR
Year:	2000
Address:	594 BROADWAY
Name:	RICHARD AUTO REPAIR
Year:	2001
Address:	594 BROADWAY
Name:	RICHARD AUTO REPAIR
Year:	2002
Address:	594 BROADWAY

AF159 **RICHARDS AUTO REPAIR SHOP** **RCRA NonGen / NLR** **1001482986**
NNW **594 BROADWAY** **FINDS** **NYU005001185**
1/8-1/4 **BROOKLYN, NY 99999**
0.229 mi.
1211 ft. **Site 3 of 4 in cluster AF**

Relative:
Lower

Actual:
13 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	RICHARDS AUTO REPAIR SHOP
Facility address:	594 BROADWAY BROOKLYN, NY 99999
EPA ID:	NYU005001185
Mailing address:	DUPONT ST

RICHARDS AUTO REPAIR SHOP (Continued) **1001482986**

PLAINVIEW, NY 11803
Contact: Not reported
Contact address: DUPONT ST
PLAINVIEW, NY 11803
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (516) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (516) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: RICHARDS AUTO REPAIR SHOP
Classification: Not a generator, verified

Date form received by agency: 03/04/1999

RICHARDS AUTO REPAIR SHOP (Continued) **1001482986**

Facility name: RICHARDS AUTO REPAIR SHOP
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/23/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110008115128

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AD160 **NYC-HH - WOODHULL HOSPITAL** **RCRA-SQG** **1000189028**
East **760 BROADWAY** **NY UST** **NYD981560972**
1/8-1/4 **BROOKLYN, NY 11206** **NY HIST UST**
0.235 mi. **NY AST**
1240 ft. **Site 4 of 5 in cluster AD** **NJ MANIFEST**
NY MANIFEST
Relative: **US AIRS**
Higher

Actual: **27 ft.**

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: WOODHULL HOSPITAL
Facility address: BROADWALL
BROOKLYN, NY 11206
EPA ID: NYD981560972
Contact: AL SEGARRA
Contact address: BROADWALL
BROOKLYN, NY 11206
Contact country: US
Contact telephone: (718) 963-8000
Telephone ext.: 5874
Contact email: Not reported
EPA Region: 02
Land type: County
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: HEALTH & HOSPITAL CORP

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC HEALTH & HOSPITAL CORP
Owner/operator address: WORTH ST
NEW YORK, NY 10013
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: County
Owner/Operator Type: Operator
Owner/Op start date: 03/13/1980
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Yes
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: WOODHULL HOSPITAL
Classification: Small Quantity Generator

Date form received by agency: 02/25/2004
Facility name: WOODHULL HOSPITAL
Classification: Large Quantity Generator

Date form received by agency: 01/01/2001
Facility name: WOODHULL HOSPITAL
Site name: WOODHULL MEDICAL & MENTAL HEALTH CTR
Classification: Large Quantity Generator

Date form received by agency: 09/23/1986
Facility name: WOODHULL HOSPITAL
Classification: Small Quantity Generator

Violation Status: No violations found

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Evaluation Action Summary:
- Evaluation date: 06/03/2010
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: EPA

UST:
- Id/Status: 2-406864 / Active
- Program Type: PBS
- Region: STATE
- DEC Region: 2
- Expiration Date: 2017/10/15
- UTM X: 589451.65691000002
- UTM Y: 4506023.1224199999
- Site Type: Other

Affiliation Records:
- Site Id: 19672
- Affiliation Type: Mail Contact
- Company Name: WOODHULL HOSPITAL
- Contact Type: Not reported
- Contact Name: JESSE CRAWFORD
- Address1: 760 BROADWAY
- Address2: Not reported
- City: BROOKLYN
- State: NY
- Zip Code: 11206
- Country Code: 001
- Phone: (718) 963-8011
- EMail: Not reported
- Fax Number: Not reported
- Modified By: CGFREEDM
- Date Last Modified: 9/28/2007

- Site Id: 19672
- Affiliation Type: On-Site Operator
- Company Name: WOODHULL MEDICAL & MENTAL HEALTH CENTER
- Contact Type: Not reported
- Contact Name: WOODHULL MEDICAL
- Address1: Not reported
- Address2: Not reported
- City: Not reported
- State: NY
- Zip Code: Not reported
- Country Code: 001
- Phone: (718) 963-8622
- EMail: Not reported
- Fax Number: Not reported
- Modified By: NRLOMBAR
- Date Last Modified: 6/29/2010

- Site Id: 19672
- Affiliation Type: Emergency Contact
- Company Name: NYC HEALTH & HOSPITAL CORP
- Contact Type: Not reported
- Contact Name: JESSE CRAWFORD
- Address1: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 963-8011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/29/2010

Site Id:	19672
Affiliation Type:	Facility Owner
Company Name:	WOODHULL MEDICAL & MENTAL HEALTH CENTER
Contact Type:	SUPERVISOR OF MECHANICS
Contact Name:	JESSE CRAWFORD
Address1:	760 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 963-7483
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	11/1/2012

Tank Info:

Tank Number:	001
Tank ID:	23176
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	30000
Install Date:	06/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	11/14/2012

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

B00 - Tank External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	002
Tank ID:	23177
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	30000
Install Date:	06/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	11/14/2012

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	003
Tank ID:	23178
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	30000
Install Date:	06/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported

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Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/14/2012

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
I00 - Overfill - None

Tank Number: 004
Tank ID: 23179
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 30000
Install Date: 06/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/14/2012

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number: 005
Tank ID: 23180
Tank Status: In Service

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Material Name:	In Service
Capacity Gallons:	30000
Install Date:	06/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	11/14/2012

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	0D1
Tank ID:	23181
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	15000
Install Date:	06/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	04/26/2012
Next Test Date:	04/26/2017
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	11/14/2012

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B00 - Tank External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None

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H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	0G1
Tank ID:	23182
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1998
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Number:	0G2
Tank ID:	55734
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

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Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
K01 - Spill Prevention - Catch Basin
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

HIST UST:

PBS Number: 2-406864
SPDES Number: Not reported
Emergency Contact: R MAC MAHON &/OR ENGINEER ON D
Emergency Telephone: (718) 963-8622
Operator: WOODHULL MED & MEN HEALTH CTR
Operator Telephone: (718) 963-8622
Owner Name: NYC HEALTH & HOSPITAL CORP
Owner Address: 760 BROADWAY
Owner City,St,Zip: BROOKLYN, NY 11206
Owner Telephone: (718) 963-8622
Owner Type: Not reported
Owner Subtype: The City of New York
Mailing Name: NYC HEALTH & HOSPITAL CORP
Mailing Address: 760 BROADWAY
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11206
Mailing Contact: WOODHULL MED & MEN H.CTER
Mailing Telephone: (718) 963-8622
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: Not reported
SWIS ID: 6101
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 11/18/1997
Expiration Date: 10/15/2002
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 166100
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing

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Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City:	01
Region:	2
Tank Id:	0G2
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Catch Basin, Product Level Gauge
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-406864
Program Type:	PBS
UTM X:	589451.65691000002
UTM Y:	4506023.1224199999
Expiration Date:	2017/10/15
Site Type:	Other

Affiliation Records:

Site Id:	19672
Affiliation Type:	Mail Contact
Company Name:	WOODHULL HOSPITAL
Contact Type:	Not reported
Contact Name:	JESSE CRAWFORD
Address1:	760 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 963-8011

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EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	9/28/2007

Site Id:	19672
Affiliation Type:	On-Site Operator
Company Name:	WOODHULL MEDICAL & MENTAL HEALTH CENTER
Contact Type:	Not reported
Contact Name:	WOODHULL MEDICAL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 963-8622
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/29/2010

Site Id:	19672
Affiliation Type:	Emergency Contact
Company Name:	NYC HEALTH & HOSPITAL CORP
Contact Type:	Not reported
Contact Name:	JESSE CRAWFORD
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 963-8011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	6/29/2010

Site Id:	19672
Affiliation Type:	Facility Owner
Company Name:	WOODHULL MEDICAL & MENTAL HEALTH CENTER
Contact Type:	SUPERVISOR OF MECHANICS
Contact Name:	JESSE CRAWFORD
Address1:	760 BROADWAY
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 963-7483
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	11/1/2012

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Tank Info:

Tank Number:	006
Tank Id:	219626
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

D11 - Pipe Type - Flexible Piping
F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/24/2005
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/14/2012
Material Name:	Diesel

Tank Number:	007
Tank Id:	219627
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
D11 - Pipe Type - Flexible Piping
F06 - Pipe External Protection - Wrapped
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

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J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/24/2005
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/14/2012
Material Name:	Diesel

Tank Number:	008
Tank Id:	219628
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/24/2005
Capacity Gallons:	1250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/14/2012
Material Name:	Diesel

Tank Number:	009
Tank Id:	219629

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Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/24/2005
Capacity Gallons: 1250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/14/2012
Material Name: Diesel

Tank Number: 010
Tank Id: 219630
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G06 - Tank Secondary Containment - Remote Impounding Area
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H03 - Tank Leak Detection - Vapor Well
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service

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Pipe Model: Not reported
Install Date: 06/24/2005
Capacity Gallons: 1100
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/14/2012
Material Name: Diesel

Tank Number: 011
Tank Id: 219631
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
G06 - Tank Secondary Containment - Remote Impounding Area
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1972
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 11/14/2012
Material Name: Diesel

Tank Number: 012
Tank Id: 219632
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None

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F01 - Pipe External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
G06 - Tank Secondary Containment - Remote Impounding Area
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	06/01/1972
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	11/14/2012
Material Name:	Diesel

NJ MANIFEST:

Manifest Code:	007879561JJK
EPA ID:	NYD981560972
Date Shipped:	7/5/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	ENVIRONMENTAL TRANSPORT GROUP INC
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported

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TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/5/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	U058
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/8/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	U010
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	50.00
Unit:	Pounds
Hand Code:	H141

Manifest Code:	002698636JJK
EPA ID:	NYD981560972
Date Shipped:	07/30/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/30/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/31/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	80
Unit:	P
Hand Code:	H061

Manifest Code:	004716835JJK
EPA ID:	NYD981560972
Date Shipped:	04/01/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/01/2009
Date Trans2 Transported Waste:	04/09/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/09/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	240
Unit:	P
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H061

Manifest Code:	004723108JJK
EPA ID:	NYD981560972
Date Shipped:	10/07/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/07/2009
Date Trans2 Transported Waste:	10/15/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/15/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	80
Unit:	P
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	180
Unit:	P
Hand Code:	H061

Manifest Code:	004182658JJK
EPA ID:	NYD981560972
Date Shipped:	01/29/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/29/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/31/2008

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	60
Unit:	P
Hand Code:	H061

Manifest Code:	009331840JJK
EPA ID:	NYD981560972
Date Shipped:	9/13/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/13/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	F003
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/15/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H020
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	gallons
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	gallons
Hand Code:	H061
Manifest Code:	009331840JJK
EPA ID:	NYD981560972
Date Shipped:	9/13/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/13/2011
Waste SEQ ID:	2.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/15/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H020
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	gallons
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	gallons
Hand Code:	H061

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Manifest Code:	009331840JJK
EPA ID:	NYD981560972
Date Shipped:	9/13/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/13/2011
Waste SEQ ID:	3.00
Waste Type Code 2:	F003
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/15/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H020
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Unit:	gallons
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	gallons
Hand Code:	H061
Manifest Code:	009331844JJK
EPA ID:	NYD981560972
Date Shipped:	9/26/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/26/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	F003
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/29/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	5.00
Unit:	gallons
Hand Code:	H020

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	gallons
Hand Code:	H061

Manifest Code:	009331844JJK
EPA ID:	NYD981560972
Date Shipped:	9/26/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Transporter-1 Date:	9/26/2011
Waste SEQ ID:	3.00
Waste Type Code 2:	F003
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/29/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	5.00
Unit:	gallons
Hand Code:	H020

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	gallons
Hand Code:	H061

Manifest Code:	009331844JJK
EPA ID:	NYD981560972
Date Shipped:	9/26/2011
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	gallons
Transporter SEQ ID:	1.00
Transporter-1 Date:	9/26/2011
Waste SEQ ID:	2.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	9/29/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	5.00
Unit:	gallons
Hand Code:	H020
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	10.00
Unit:	gallons
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	gallons
Hand Code:	H061
Manifest Code:	004717597JJK
EPA ID:	NYD981560972
Date Shipped:	08/05/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date Trans1 Transported Waste:	08/05/2009
Date Trans2 Transported Waste:	08/06/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/06/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	320
Unit:	P
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	120
Unit:	P
Hand Code:	H061
Manifest Code:	004730785JJK
EPA ID:	NYD981560972
Date Shipped:	07/01/2009
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	MAD985286988
Transporter 2 EPA ID:	TXR000050930
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/01/2009
Date Trans2 Transported Waste:	07/02/2009
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/02/2009
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	160
Unit:	P
Hand Code:	H061

Waste Code:	D001
Manifest Year:	2009 New Jersey Manifest Data
Quantity:	80
Unit:	P
Hand Code:	H061

Manifest Code:	004182814JJK
EPA ID:	NYD981560972
Date Shipped:	03/10/2008

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/10/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/13/2008
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	240
Unit:	P
Hand Code:	H061
Waste Code:	D001
Manifest Year:	2008 New Jersey Manifest Data
Quantity:	60
Unit:	P
Hand Code:	H061

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Manifest Code:	NJA5030528
EPA ID:	NYD981560972
Date Shipped:	08/20/2004
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NJD002454544
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/20/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/20/2004
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09150422
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	Not reported
Manifest Year:	Not reported
Quantity:	Not reported
Unit:	Not reported
Hand Code:	Not reported

Manifest Code:	002698067JJK

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

EPA ID:	NYD981560972
Date Shipped:	07/02/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/02/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/05/2007
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	Not reported
Transporter-1 EPA Facility Name:	Not reported
Transporter-2 EPA Facility Name:	Not reported
Transporter-3 EPA Facility Name:	Not reported
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	No
Reason Load Was Rejected:	Not reported
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	40
Unit:	P
Hand Code:	H06
Waste Code:	D001
Manifest Year:	2007 New Jersey Manifest Data
Quantity:	120
Unit:	P

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Hand Code:	H06
Manifest Code:	008479841JJK
EPA ID:	NYD981560972
Date Shipped:	8/2/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	ENVIRONMENTAL TRANSPORT GROUP INC
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	8/2/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	U010
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/9/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	U058
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	8.00
Unit:	Pounds
Hand Code:	H141

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Manifest Code:	008479842JJK
EPA ID:	NYD981560972
Date Shipped:	8/16/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	ENVIRONMENTAL TRANSPORT GROUP INC
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	8/16/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	U010
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	8/26/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	U058
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	15.00
Unit:	Pounds
Hand Code:	H141

Manifest Code:	008479843JJK

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

EPA ID:	NYD981560972
Date Shipped:	7/19/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	ENVIRONMENTAL TRANSPORT GROUP INC
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/19/2011
Waste SEQ ID:	1.00
Waste Type Code 2:	U010
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/26/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	U058
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	Pounds
Hand Code:	H141
Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	Pounds

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Hand Code:	H141
Manifest Code:	008479843JJK
EPA ID:	NYD981560972
Date Shipped:	7/19/2011
TSDF EPA ID:	NJD980536593
Transporter EPA ID:	NJR000063677
Transporter 2 EPA ID:	NJD080631369
Transporter 3 EPA ID:	NJD000692061
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
Tranporter 1 Decal:	Not reported
Tranporter 2 Decal:	Not reported
Generator EPA Facility Name:	WOODHILL MEDICAL/MENTAL CTR
Transporter-1 EPA Facility Name:	DISPOSAL CONSULTANT SERVICES INC
Transporter-2 EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS CORP
Transporter-3 EPA Facility Name:	ENVIRONMENTAL TRANSPORT GROUP INC
Transporter-4 EPA Facility Name:	Not reported
Transporter-5 EPA Facility Name:	Not reported
TSDF EPA Facility Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
QTY Units:	Pounds
Transporter SEQ ID:	1.00
Transporter-1 Date:	7/19/2011
Waste SEQ ID:	2.00
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	7/26/2011
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Reference Manifest Number:	Not reported
Was Load Rejected (Y/N):	Not reported
Reason Load Was Rejected:	Not reported
Waste Code:	U058
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	Pounds
Hand Code:	H141

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Waste Code:	D001
Manifest Year:	2011 New Jersey Manifest Data
Quantity:	20.00
Unit:	Pounds
Hand Code:	H141

NY MANIFEST:

EPA ID:	NYD981560972
Country:	USA
Mailing Name:	WOODHULL HOSPITAL
Mailing Contact:	WOODHULL HOSPITAL
Mailing Address:	760 FLUSHING
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	718-963-8732

Document ID:	NYA6253605
Manifest Status:	Completed copy
Trans1 State ID:	NY92303GM
Trans2 State ID:	Not reported
Generator Ship Date:	871020
Trans1 Recv Date:	871020
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871020
Part A Recv Date:	871023
Part B Recv Date:	871028
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00320
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	87

Document ID:	NYA6372009
Manifest Status:	Completed copy
Trans1 State ID:	NJXJ70JG
Trans2 State ID:	Not reported
Generator Ship Date:	880111
Trans1 Recv Date:	880111
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880111
Part A Recv Date:	880114
Part B Recv Date:	880120

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00200
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	88

Document ID:	NYB2181933
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NYGH2793
Trans2 State ID:	Not reported
Generator Ship Date:	900207
Trans1 Recv Date:	900207
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900207
Part A Recv Date:	900215
Part B Recv Date:	900312
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	01400
Units:	P - Pounds
Number of Containers:	007
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYB4364775
Manifest Status:	Completed copy
Trans1 State ID:	NYGW8136
Trans2 State ID:	Not reported
Generator Ship Date:	930114
Trans1 Recv Date:	930114
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	930114
Part A Recv Date:	Not reported
Part B Recv Date:	930204
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00240
Units:	P - Pounds
Number of Containers:	006
Container Type:	DM - Metal drums, barrels

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	93

Document ID:	NYB7125696
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	CP4380
Generator Ship Date:	961216
Trans1 Recv Date:	961216
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	961216
Part A Recv Date:	970109
Part B Recv Date:	970109
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00080
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00320
Units:	P - Pounds
Number of Containers:	008
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYB7837866
Manifest Status:	Completed copy
Trans1 State ID:	PC4340NY
Trans2 State ID:	Not reported
Generator Ship Date:	960507
Trans1 Recv Date:	960507
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960507
Part A Recv Date:	960520
Part B Recv Date:	960516
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Waste Code:	Not reported
Quantity:	00240
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYB7837758
Manifest Status:	Completed copy
Trans1 State ID:	PC4340NY
Trans2 State ID:	Not reported
Generator Ship Date:	960126
Trans1 Recv Date:	960126
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960126
Part A Recv Date:	960206
Part B Recv Date:	960207
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00240
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00360
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYG0504333
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PD8070
Trans2 State ID:	Not reported
Generator Ship Date:	971201
Trans1 Recv Date:	971201
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971201
Part A Recv Date:	971212

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Part B Recv Date:	980107
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00250
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NYG0501696
Manifest Status:	Completed copy
Trans1 State ID:	PC4339NY
Trans2 State ID:	Not reported
Generator Ship Date:	971006
Trans1 Recv Date:	971006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971006
Part A Recv Date:	971023
Part B Recv Date:	971024
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	F003 - UNKNOWN
Quantity:	00160
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00320
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYG0502749
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	PC4339
Trans2 State ID:	Not reported
Generator Ship Date:	971209
Trans1 Recv Date:	971209
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971209
Part A Recv Date:	971229
Part B Recv Date:	980107
Generator EPA ID:	NYD981560972

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049178296
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00040
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	97

Document ID:	NYG2509434
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	11/21/2000
Trans1 Recv Date:	11/21/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/22/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NYD049178296
Trans2 EPA ID:	Not reported
TSDF ID:	68699ANNY
Waste Code:	D009 - MERCURY 0.2 MG/L TCLP
Quantity:	00005
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	01.00
Year:	2000

Document ID:	NJA5030528
Manifest Status:	Not reported
Trans1 State ID:	2809
Trans2 State ID:	Not reported
Generator Ship Date:	08/20/2004
Trans1 Recv Date:	08/20/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/20/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NJD002454544
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002454
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00030
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Specific Gravity: 01.00
Year: 2004

Document ID: NYG2711304
Manifest Status: Not reported
Trans1 State ID: 45347PANY
Trans2 State ID: Not reported
Generator Ship Date: 01/12/2004
Trans1 Recv Date: 01/12/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/12/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981560972
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178
Waste Code: F003 - UNKNOWN
Quantity: 00080
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 005
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: NYG2711952
Manifest Status: Not reported
Trans1 State ID: 45347PA
Trans2 State ID: Not reported
Generator Ship Date: 03/19/2004
Trans1 Recv Date: 03/19/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/19/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981560972
Trans1 EPA ID: NYD049178296
Trans2 EPA ID: Not reported
TSDF ID: NYD049178
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00080
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Quantity: 00120
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00120
Units: P - Pounds
Number of Containers: 003
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00040
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

Document ID: NYG4454082
Manifest Status: Not reported
Trans1 State ID: NYD049178296
Trans2 State ID: Not reported
Generator Ship Date: 02/09/2006
Trans1 Recv Date: 02/09/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/28/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD981560972
Trans1 EPA ID: 68699AN
Trans2 EPA ID: Not reported
TSDF ID: CDX480000000
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00050
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: U058 - CYCLOPHOSPHAMIDE
Quantity: 00050
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2006

Document ID: NYG4457142
Manifest Status: Not reported
Trans1 State ID: NYD049178296

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Trans2 State ID:	Not reported
Generator Ship Date:	07/11/2006
Trans1 Recv Date:	07/11/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/09/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	NY14127PA
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00040
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U058 - CYCLOPHOSPHAMIDE
Quantity:	00080
Units:	P - Pounds
Number of Containers:	004
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2006

Document ID:	NYG4455585
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	04/25/2006
Trans1 Recv Date:	04/25/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/02/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	68699ANNY
Trans2 EPA ID:	Not reported
TSDF ID:	CDX109000000
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00040
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Waste Code:	U058 - CYCLOPHOSPHAMIDE
Quantity:	00060
Units:	P - Pounds
Number of Containers:	003
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2006

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2008-07-30
Trans1 Recv Date:	2008-07-30
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-08-22
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	CDX480000000
Waste Code:	Not reported
Quantity:	5.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	002698640JJK
Import Ind:	N
Export Ind:	Y
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2008-05-02
Trans1 Recv Date:	2008-05-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-05-08
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	80.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Year:	2008
Manifest Tracking Num:	004120301JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	2008-01-29
Trans1 Recv Date:	2008-01-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-01-31
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981560972
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002182897
Waste Code:	Not reported
Quantity:	60.0
Units:	P - Pounds
Number of Containers:	3.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	004182658JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Click this hyperlink while viewing on your computer to access
909 additional NY_MANIFEST: record(s) in the EDR Site Report.

AIRS (AFS):

Compliance and Violation Data Major Sources:
EPA plant ID: 110004446680

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Plant name:	NYC-HH - WOODHULL HOSPITAL
Plant address:	760 BROADWAY BROOKLYN, NY 11206
County:	KINGS
Region code:	02
Dunn & Bradst #:	Not reported
Air quality cntrl region:	043
Sic code:	8062
Sic code desc:	Not reported
North Am. industrial classf:	622110
NAIC code description:	General Medical and Surgical Hospitals
Default compliance status:	IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Default classification:	ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Compliance and Enforcement Major Issues:

Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	000710
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	STATE DAY 0
Date achieved:	001108
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	NXXXXX
Date achieved:	001108
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	001215
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	001215
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	STATE CONDUCTED PCE/ ON-SITE
Date achieved:	001220
Penalty amount:	000000000
Air program:	SIP SOURCE
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved:	010710
Penalty amount:	000000000
Air program:	TITLE V PERMITS
National action type:	COMPLIANCE CERTIFICATION STATE REVIEW

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date achieved: 010710
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 020318
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 020318
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 020710
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 020711
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 020711
Penalty amount: 000000000

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION EPA REVIEW
Date achieved: 020731
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: SV RESOLVED
Date achieved: 020904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE NONCOMPLIANCE PENALTY ASSESSED
Date achieved: 020904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: NXXXXX
Date achieved: 020904
Penalty amount: 000007500

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 020911
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 020911
Penalty amount: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 020911
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030206
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 030206
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 030722
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 030801
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 030801
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030904
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030904
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 040130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date achieved: 040130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 040130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040227
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 040227
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 040304
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040504
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040504
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 040504
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 040713
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 040713
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 050120
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 050120
Penalty amount: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 050120
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 050120
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 050125
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 050728
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 050728
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 060130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 060130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 060130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 060130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 060130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 060510
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date achieved: 060510
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060526
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060526
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 060526
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 060724
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 060724
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070124
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 070124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 070124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070124
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 070129
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070508
Penalty amount: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 070508
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: OWNER/OPERATOR CONDUCTED SOURCE TEST
Date achieved: 070531
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 070724
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 070724
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: TITLE V COMPLIANCE CERT DUE/RECEIVED BY
Date achieved: 080123
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 080124
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 080124
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 080124
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080710
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 080710
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date achieved: 080718
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080718
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 080718
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 080729
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 080729
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 090130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090130
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 090130
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 090722
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 090722
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100127
Penalty amount: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 100127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 100127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 100127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100325
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 100325
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100421
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100421
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 100421
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 100727
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 100727
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 110201
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Date achieved: 110201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110201
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 110201
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 110802
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 110802
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: S/L REQ (O/O COND) STACK TEST/NOT OBSV BUT REVWD
Date achieved: 120125
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: PCE/OFF-SITE
Date achieved: 120127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: PCE/OFF-SITE
Date achieved: 120127
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: COMPLIANCE CERTIFICATION STATE REVIEW
Date achieved: 120127
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120808
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 120808
Penalty amount: Not reported

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120821
Penalty amount: Not reported

Air program: NSPS
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120821
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 120821
Penalty amount: Not reported

Air program: TITLE V PERMITS
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 990217
Penalty amount: 000000000

Air program: SIP SOURCE
National action type: STATE CONDUCTED PCE/ ON-SITE
Date achieved: 991209
Penalty amount: 000000000

Historical Compliance Minor Sources:
State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Hist compliance date: 1204
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1204
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1001
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1002
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1003
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1004
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1101
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1102
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1103
Air prog code hist file: TITLE V PERMITS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1104
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1201
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1202
Air prog code hist file: NSPS

State compliance status: IN COMPLIANCE WITH PROCEDURAL REQUIREMENTS
Hist compliance date: 1203
Air prog code hist file: NSPS

Permit Information:
Compliance plant ID: P0022

NYC-HH - WOODHULL HOSPITAL (Continued) **1000189028**

Permit number: 261040001500004
Permit category: V
Permit category desc: TITLE V PERMIT - PLANT SP

Compliance plant ID: P0022
Permit number: 261040001500005
Permit category: V
Permit category desc: TITLE V PERMIT - PLANT SP

Permit Source:
Compliance plant ID: P0022
Plant name: NYC-HH - WOODHULL HOSPITAL
Plant address: 760 BROADWAY
BROOKLYN, NY 11206

Event Information:
Compliance permit ID: P0022
Permit number: 261040001500004
Event action type: IF
Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #: 007
Event date: 19990611

Compliance permit ID: P0022
Permit number: 261040001500004
Event action type: IX
Event description: PERMIT EXPIRES
Event action #: 008
Event date: 20020606

Compliance permit ID: P0022
Permit number: 261040001500005
Event action type: IF
Event description: *PERMIT AUTHORITY ISSUES FINAL PERMIT
Event action #: 010
Event date: 20030116

AD161 **WOODHULL MEDICAL CENTER** **PA MANIFEST** **S112070521**
East **760 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.235 mi.
1240 ft. **Site 5 of 5 in cluster AD**

Relative:
Higher

Actual:
27 ft.

PA MANIFEST:
Year: 2012
Manifest Number: 009642108JJK
Manifest Type: T
Generator EPA Id: NYD981560972
Generator Date: 03/30/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC

WOODHULL MEDICAL CENTER (Continued) **S112070521**

TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D011
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 7
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010114123JJK
Manifest Type: T
Generator EPA Id: NYD981560972
Generator Date: 07/03/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D009
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 010114123JJK
Manifest Type: T
Generator EPA Id: NYD981560972
Generator Date: 07/03/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA

WOODHULL MEDICAL CENTER (Continued) **S112070521**

Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	5
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	009642108JJK
Manifest Type:	T
Generator EPA Id:	NYD981560972
Generator Date:	03/30/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	7
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD067098822
Date TSP Sig:	Not reported
Year:	2012
Manifest Number:	010114123JJK
Manifest Type:	T
Generator EPA Id:	NYD981560972
Generator Date:	07/03/2012
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1

WOODHULL MEDICAL CENTER (Continued) **S112070521**

Waste Number: D011
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 5
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2012
Manifest Number: 009642108JJK
Manifest Type: T
Generator EPA Id: NYD981560972
Generator Date: 03/30/2012
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: Not reported
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DR
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D009
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 7
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD067098822
Date TSP Sig: Not reported

Year: 2011
Manifest Number: 009331845JJK
Manifest Type: T
Generator EPA Id: NYD981560972
Generator Date: 09/13/2011
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD Epa Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D011
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs

WOODHULL MEDICAL CENTER (Continued) **S112070521**

Waste Quantity:	5
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2011
Manifest Number:	009331845JJK
Manifest Type:	T
Generator EPA Id:	NYD981560972
Generator Date:	09/13/2011
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	5
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	Not reported
Date TSP Sig:	Not reported

Year:	2011
Manifest Number:	009331845JJK
Manifest Type:	T
Generator EPA Id:	NYD981560972
Generator Date:	09/13/2011
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD Epa Id:	PAD067098822
TSD Date:	Not reported
TSD Facility Name:	CYCLE CHEM INC
TSD Facility Address:	550 INDUSTRIAL DRIVE
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D009
Container Number:	1
Container Type:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	5
Unit:	Pounds
Handling Code:	Not reported

WOODHULL MEDICAL CENTER (Continued) **S112070521**

TSP EPA Id: Not reported
Date TSP Sig: Not reported

AG162 **EDR US Hist Auto Stat** **1015556652**
WNW **57 UNION AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.237 mi.
1251 ft. **Site 1 of 5 in cluster AG**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name: BOMILLA BODY SHOP
Year: 1999
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2000
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2001
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2002
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2003
Address: 57 UNION AVE

Name: KIKE AUTO BODY SHOP
Year: 2004
Address: 57 UNION AVE

Name: MECHANIC BUSINESS
Year: 2005
Address: 57 UNION AVE

Name: MECHANIC BUSINESS
Year: 2006
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2007
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2008
Address: 57 UNION AVE

Name: BOMILLA BODY SHOP
Year: 2009
Address: 57 UNION AVE

Name: KIKE AUTO BODY SHOP
Year: 2010
Address: 57 UNION AVE

(Continued) **1015556652**

Name: KIKE AUTO BODY SHOP
Year: 2011
Address: 57 UNION AVE

Name: KIKE AUTO BODY SHOP
Year: 2012
Address: 57 UNION AVE

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163 **HYDRO TECH** **NY MANIFEST** **S109155767**
WNW **70 UNION AVENUE** **N/A**
1/8-1/4 **BROOK LYN, NY 10001**
0.239 mi.
1260 ft.

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

EPA ID:	NYR000146126
Country:	USA
Mailing Name:	HYDRO TECH
Mailing Contact:	CAS DEVELOPERS LLC
Mailing Address:	1111 FULTON ST
Mailing Address 2:	2ND FLOOR
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11238
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	631-433-5048

NY MANIFEST:
No Manifest Records Available

AG164 **CAS DEVELOPERS LLC** **RCRA-CESQG** **1010329016**
WNW **70 UNION AVE** **NYR000146126**
1/8-1/4 **BROOKLYN, NY 10001**
0.240 mi.
1266 ft. **Site 2 of 5 in cluster AG**

Relative:
Higher

Actual:
14 ft.

RCRA-CESQG:

Date form received by agency:	12/21/2012
Facility name:	CAS DEVELOPERS LLC
Facility address:	70 UNION AVE BROOKLYN, NY 10001
EPA ID:	NYR000146126
Mailing address:	BROOKLYN NAVY YARD BLDG 664 BROOKLYN, NY 10001
Contact:	CHESKEL SCHWIMMER
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(718) 522-5512
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar

CAS DEVELOPERS LLC (Continued) **1010329016**

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHESICEL SCHWIMMER
Owner/operator address:	BROOKLYN NAVY YARD BLDG 664 BROOKLYN, NY 10001
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/2006
Owner/Op end date:	Not reported

Owner/operator name:	CHESKEL SCHWIMMER
Owner/operator address:	BROOKLYN NAVY YARD, BLDG 664 BROOKLYN, NY 10001
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/2006
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	06/16/2008
Facility name:	CAS DEVELOPERS LLC
Classification:	Conditionally Exempt Small Quantity Generator

CAS DEVELOPERS LLC (Continued) **1010329016**

Date form received by agency: 04/13/2007
Facility name: CAS DEVELOPERS LLC
Site name: WILLBORO PROPERTIES LLC
Classification: Large Quantity Generator

Date form received by agency: 04/12/2007
Facility name: CAS DEVELOPERS LLC
Site name: WILLBORO PROPERTIES LLC
Classification: Large Quantity Generator

Date form received by agency: 04/12/2007
Facility name: CAS DEVELOPERS LLC
Site name: WILLBORO PROPERTIES LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/04/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

AG165 **70 UNION AVENUE** **NY UST** **U004078635**
WNW **70 UNION AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.240 mi.
1266 ft. **Site 3 of 5 in cluster AG**

Relative:
Higher

Actual:
14 ft.

UST:
Id/Status: 2-610501 / Unregulated
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588687.84510000004
UTM Y: 4506191.9865899999
Site Type: Other

Affiliation Records:
Site Id: 377704
Affiliation Type: Facility Owner
Company Name: MR. CHESKEL SCHWIMMER
Contact Type: MEMBER
Contact Name: CHESKEL SCHWIMMER
Address1: BROOKLYN NAVY YARD, BLDG. 664
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11205
Country Code: 001
Phone: (718) 522-5512
EMail: Not reported

70 UNION AVENUE (Continued) **U004078635**

Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Site Id:	377704
Affiliation Type:	Mail Contact
Company Name:	HYDROTECH ENVIRONMENTAL CORP.
Contact Type:	Not reported
Contact Name:	YASH SAHA
Address1:	1111 FULTON STREET
Address2:	2ND FLOOR
City:	BROOKLYN
State:	NY
Zip Code:	11238
Country Code:	001
Phone:	(718) 636-0800
EMail:	YSAHA@HYDROTECHENVIRONMENTAL.COM
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Site Id:	377704
Affiliation Type:	On-Site Operator
Company Name:	70 UNION AVENUE
Contact Type:	Not reported
Contact Name:	MR. AVI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 577-5045
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Site Id:	377704
Affiliation Type:	Emergency Contact
Company Name:	MR. CHESKEL SCHWIMMER
Contact Type:	Not reported
Contact Name:	MR. AVI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 377-5045
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/26/2007

Tank Info:

70 UNION AVENUE (Continued) **U004078635**

Tank Number:	001
Tank ID:	216093
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1958
Date Tank Closed:	02/12/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	10/30/2007

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

Tank Number:	002
Tank ID:	216094
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1958
Date Tank Closed:	02/12/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	10/30/2007

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None

70 UNION AVENUE (Continued) **U004078635**

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number:	003
Tank ID:	216095
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1958
Date Tank Closed:	02/12/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	10/30/2007

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

Tank Number:	004
Tank ID:	216096
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	01/01/1958
Date Tank Closed:	02/12/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009

70 UNION AVENUE (Continued) **U004078635**

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 10/30/2007

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 216097
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1080
Install Date: 01/01/1958
Date Tank Closed: 02/12/2007
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 10/30/2007

Equipment Records:

L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

70 UNION AVENUE (Continued) **U004078635**

Tank Number:	006
Tank ID:	220141
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/15/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	10/30/2007

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

AG166 **EDR US Hist Auto Stat** **1015583406**
WNW **63 UNION** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.240 mi.
1269 ft. **Site 4 of 5 in cluster AG**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	DR CHRISTIAN AUTO CLINIC
Year:	1999
Address:	63 UNION
Name:	DR CHRISTIAN AUTO CLINIC
Year:	2000
Address:	63 UNION

167
NE
1/8-1/4
0.241 mi.
1271 ft.

COOK STREET HOUSING
40 VARET STREET
BROOKLYN, NY 11206

NY UST **U004129097**
N/A

Relative:
Higher

Actual:
18 ft.

UST:

Id/Status:	2-610972 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589292.49034999998
UTM Y:	4506319.6293200003
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	406762
Affiliation Type:	Mail Contact
Company Name:	COOK STREET HOUSING, LLC
Contact Type:	Not reported
Contact Name:	DEBBIE KENYON
Address1:	316 DOUGLASS ST., 2ND FLOOR
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(914) 833-3000
EMail:	DKENYON@LMDERPARTNERS.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	406762
Affiliation Type:	On-Site Operator
Company Name:	COOK STREET HOUSING
Contact Type:	Not reported
Contact Name:	DEBBIE KENYON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 833-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	406762
Affiliation Type:	Emergency Contact
Company Name:	COOK STREET HOUSING, LLC
Contact Type:	Not reported
Contact Name:	DEBBIE KENYON
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

COOK STREET HOUSING (Continued) **U004129097**

Zip Code:	Not reported
Country Code:	999
Phone:	(914) 833-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	406762
Affiliation Type:	Facility Owner
Company Name:	COOK STREET HOUSING, LLC
Contact Type:	DIR & MEMBER
Contact Name:	RONALD MOELIS
Address1:	316 DOUGLASS STREET, 2ND FLOOR
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11217
Country Code:	001
Phone:	(914) 833-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Tank Info:

Tank Number:	001
Tank ID:	226172
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	Not reported
Date Tank Closed:	01/29/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	01/05/2009

Equipment Records:

G00 - Tank Secondary Containment - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None

COOK STREET HOUSING (Continued) **U004129097**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground

AE168 **L.J.S.T. REALTY** **NY AST** **A100294723**
NE **45 COOK STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.242 mi.
1277 ft. **Site 2 of 3 in cluster AE**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-607392
Program Type:	PBS
UTM X:	589366.81148000003
UTM Y:	4506255.9068099996
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	29245
Affiliation Type:	Facility Owner
Company Name:	L.J.S.T. REALTY
Contact Type:	MANAGER
Contact Name:	JOSEPH DIURNO
Address1:	48 GRAHAM AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 388-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2/21/2007

Site Id:	29245
Affiliation Type:	Mail Contact
Company Name:	L.J.S.T. REALTY
Contact Type:	Not reported
Contact Name:	JOE
Address1:	48 GRAHAM AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11206
Country Code:	001
Phone:	(718) 388-7400
EMail:	JOE@PRIINC.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	12/8/2011

Site Id:	29245
Affiliation Type:	On-Site Operator

L.J.S.T. REALTY (Continued) **A100294723**

Company Name:	L.J.S.T. REALTY
Contact Type:	Not reported
Contact Name:	JOSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29245
Affiliation Type:	Emergency Contact
Company Name:	L.J.S.T. REALTY
Contact Type:	Not reported
Contact Name:	JOSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	62877
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/14/1935

L.J.S.T. REALTY (Continued) **A100294723**

Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/14/2011
Register:	True
Modified By:	NRLOMBAR
Last Modified:	12/08/2011
Material Name:	#2 Fuel Oil (On-Site Consumption)

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169 SW 1/8-1/4 0.243 mi. 1281 ft.

Relative: Higher

Actual: 14 ft.

MTA NYCT - DEEP WELL #2713 - G LINE **RCRA-SQG 1010787585**
MARCY AVE & ELLERY ST **NY MANIFEST NYR000155317**
BROOKLYN, NY 11206

RCRA-SQG:

Date form received by agency:	02/19/2008
Facility name:	MTA NYCT - DEEP WELL #2713 - G LINE
Facility address:	MARCY AVE & ELLERY ST BROOKLYN, NY 11206
EPA ID:	NYR000155317
Mailing address:	BROADWAY 5TH FLOOR NEW YORK, NY 10004
Contact:	LUMINITA MARINESCU
Contact address:	BROADWAY 5TH FLOOR NEW YORK, NY 10004
Contact country:	US
Contact telephone:	(646) 252-3506
Contact email:	LUMINITA.MARINESCU@NYCT.COM
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MTA NYCT
Owner/operator address:	BROADWAY 5TH FLOOR NEW YORK, NY 10004
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Owner
Owner/Op start date:	03/01/1968
Owner/Op end date:	Not reported

Owner/operator name:	MTA NYCT
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	03/01/1968

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/18/2008
Facility name: MTA NYCT - DEEP WELL #2713 - G LINE
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000155317
Country: USA
Mailing Name: MTA NYCT - DEEP WELL #2713 - G LINE
Mailing Contact: MTA NYCT - DEEP WELL #2713 - G LINE
Mailing Address: 2 BROADWAY ROOM A27.64
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 516-779-1654

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 2008-06-04
Trans1 Recv Date: 2008-06-04
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2008-07-14
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000155317

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2008-06-04
Trans1 Recv Date:	2008-06-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2008-06-04
Trans1 Recv Date:	2008-06-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-09
Trans1 Recv Date:	2012-05-09
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-05-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	55.0
Units:	P - Pounds

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003635325JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2011-06-29
Trans1 Recv Date:	2011-06-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2011-06-29
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	55.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	003534967JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2012-05-09
Trans1 Recv Date:	2012-05-09
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2012-05-09
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	55.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	003635325JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H111

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2008-06-04
Trans1 Recv Date:	2008-06-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2008-06-04
Trans1 Recv Date:	2008-06-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-14
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	2008-06-04
Trans1 Recv Date:	2008-06-04
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-07-14

MTA NYCT - DEEP WELL #2713 - G LINE (Continued) **1010787585**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000155317
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	003674705JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H132

AG170 **EDR US Hist Auto Stat** **1015590393**
WNW **65 UNION AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.243 mi.
1285 ft. **Site 5 of 5 in cluster AG**

Relative:
Higher

Actual:
14 ft.

EDR Historical Auto Stations:

Name:	N & J SPECIALISTS AUTO REPAIR
Year:	2003
Address:	65 UNION AVE

---

171 **EDR US Hist Auto Stat** **1015318476**
NNW **21 THROOP AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.244 mi.
1289 ft.

Relative:
Lower

Actual:
13 ft.

EDR Historical Auto Stations:

Name:	EDDIE AUTO REPAIR
Year:	1999
Address:	21 THROOP AVE
Name:	EDDIE AUTO REPAIR
Year:	2000
Address:	21 THROOP AVE
Name:	EDDIE AUTO REPAIR
Year:	2003
Address:	21 THROOP AVE

(Continued) **1015318476**

Name: SOUTH SIDE SPEED AUTO REPAIR
Year: 2006
Address: 21 THROOP AVE

Name: SOUTHSIDE SUTO REPAIR INC
Year: 2012
Address: 21 THROOP AVE

AE172 **35 GRAHM AVE.** **NY LTANKS** **S102672170**
NE **35 GRAHM AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.244 mi.
1289 ft. **Site 3 of 3 in cluster AE**

Relative:
Higher

Actual:
20 ft.

LTANKS:
Site ID: 68726
Spill Number/Closed Date: 9302281 / 5/19/1993
Spill Date: 5/19/1993
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 5/19/1993
Cleanup Meets Standard: True
SWIS: 2401
Investigator: CAMMISA
Referred To: Not reported
Reported to Dept: 5/19/1993
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 5/20/1993
Spill Record Last Update: 7/19/1993
Spiller Name: Not reported
Spiller Company: COASTAL OIL
Spiller Address: 31-70 COLLEGE PT. BLVD.
Spiller City,St,Zip: FUSHING QUEENS, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 65422
DEC Memo: Not reported
Remarks: SPILL WENT ON SIDEWALK. CUSTOMER ORDERED TOO MUCH OIL - DRIVER OVERFILLED - NOTIFIED DEP - DRIVER CONTAINED AND PUT DOWN SD - COASTAL SENDING CLEANUP MAN.

Material:
Site ID: 68726
Operable Unit ID: 980720
Operable Unit: 01

35 GRAHM AVE. (Continued) **S102672170**

Material ID:	556994
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AH173 **CON EDISON** **NY MANIFEST** **S113495164**
WNW **55 WALTON ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.248 mi.
1309 ft. **Site 1 of 2 in cluster AH**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:

EPA ID:	NYP004288635
Country:	USA
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	12-Feb-2013 00:00:00
Trans1 Recv Date:	12-Feb-2013 00:00:00
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12-Feb-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004288635
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013

CON EDISON (Continued) **S113495164**

Manifest Tracking Num:	010840391JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

AH174 **CON EDISON SERVICE BOX: 7907** **RCRA-CESQG** **1016150192**
WNW **55 WALTON ST** **NYP004288635**
1/8-1/4 **BROOKLYN, NY 11211**
0.248 mi.
1309 ft. **Site 2 of 2 in cluster AH**

Relative:
Lower

Actual:
13 ft.

RCRA-CESQG:

Date form received by agency:	02/12/2013
Facility name:	CON EDISON SERVICE BOX: 7907
Facility address:	55 WALTON ST BROOKLYN, NY 11211
EPA ID:	NYP004288635
Mailing address:	IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	JUAN RODRIGUEZ
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(347) 865-5931
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

CON EDISON SERVICE BOX: 7907 (Continued) **1016150192**

On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

AI175 **NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN** **RCRA-CESQG** **1004755781**
ENE **60 COOK ST** **FINDS** **NY0000375469**
1/8-1/4 **BROOKLYN, NY 11206**
0.248 mi.
1310 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
20 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN
Facility address:	60 COOK ST BROOKLYN, NY 11206
EPA ID:	NY0000375469
Mailing address:	COOK ST BROOKLYN, NY 11206
Contact:	ROBERT GUASTA
Contact address:	COOK ST BROOKLYN, NY 11206
Contact country:	US
Contact telephone:	(718) 349-5590
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NYC BOARD OF EDUCATION
Owner/operator address:	28-11 QUEENS PLZ N LONG ISLAND CITY, NY 11101
Owner/operator country:	US
Owner/operator telephone:	(718) 349-5600
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported

NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN (Continued) **1004755781**

Owner/Op end date: Not reported

Owner/operator name: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: (718) 349-5600
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/10/1995
Facility name: NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004316561

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with

NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN (Continued) **1004755781**

a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AI176 **P S 257** **NY AST** **U003394210**
ENE **60 COOK ST** **NY HIST AST** **N/A**
1/8-1/4 **BKLN, NY 11206** **NY MANIFEST**
0.248 mi.
1310 ft. **Site 2 of 2 in cluster AI**

Relative:
Higher

Actual:
20 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-354279
Program Type:	PBS
UTM X:	589435.50551000005
UTM Y:	4506226.8075999999
Expiration Date:	2018/06/28
Site Type:	School

Affiliation Records:

Site Id:	17608
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	SCHOOL SAFETY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 935-3300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	8/6/2013

Site Id:	17608
Affiliation Type:	On-Site Operator
Company Name:	PUBLIC SCHOOL 257 - BROOKLYN K257
Contact Type:	Not reported
Contact Name:	PLANT OPERATIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-5400

P S 257 (Continued) **U003394210**

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/10/2013

Site Id: 17608
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: MUNENDRA SHARMA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/6/2013

Site Id: 17608
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: MUNENDRA SHARMA
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 8/6/2013

Tank Info:

Tank Number: 001
Tank Id: 34475
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser

P S 257 (Continued) **U003394210**

K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1962
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	07/17/2013
Material Name:	#6 Fuel Oil (On-Site Consumption)

Tank Number:	002
Tank Id:	34476
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1962
Capacity Gallons:	7500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	07/17/2013
Material Name:	#6 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number:	2-354279
SWIS Code:	6101
Operator:	PLANT OPERATION

P S 257 (Continued) **U003394210**

Facility Phone:	(718) 391-6000
Facility Addr2:	60 COOK ST
Facility Type:	SCHOOL
Emergency:	SCHOOL SAFETY
Emergency Tel:	(212) 979-3300
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	CITY OF NEW YORK C/O BOARD OF EDUCATION
Owner Address:	28-11 QUEENS PLAZA NORTH
Owner City,St,Zip:	LONG ISLAND CITY, NY 11101
Federal ID:	Not reported
Owner Tel:	(718) 391-6832
Owner Type:	Local Government
Owner Subtype:	Not reported
Mailing Contact:	FRANK CARDELLO NTROL
Mailing Name:	BOARD OF EDUCATION
Mailing Address:	28-11 QUEENS PLAZA NORTH
Mailing Address 2:	5TH FLOOR
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11101
Mailing Telephone:	(718) 391-6832
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	09/02/1998
Expiration:	06/28/2003
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	15000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	7500
Product Stored:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking

P S 257 (Continued) **U003394210**

Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 7500
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

NY MANIFEST:
EPA ID: NY0000375469
Country: USA
Mailing Name: NYC BOARD OF EDUCATION
Mailing Contact: JACK BRUCCULERI
Mailing Address: 28-11 QUEENS PLAZA NORTH
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-361-6094

NY MANIFEST:

P S 257 (Continued) **U003394210**

No Manifest Records Available

AF177 **EDR US Hist Cleaners** **1015077502**
NNW **584 BROADWAY** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.248 mi.
1310 ft. **Site 4 of 4 in cluster AF**

Relative:
Lower

Actual:
13 ft.

EDR Historical Cleaners:
Name: LINDSAY PARK DRY CLEANERS
Year: 2001
Address: 584 BROADWAY

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178 **UNITED STATES POSTAL SERVICE/METRO/BUSHW** **NY AST** **S107782454**
ENE **47 DEBEVOISE STREET** **NY HIST AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11206**
0.249 mi.
1315 ft.

Relative:
Higher

Actual:
23 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated
Facility Id: 2-453137
Program Type: PBS
UTM X: 589489.60589000001
UTM Y: 4506150.4296700004
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 19830
Affiliation Type: On-Site Operator
Company Name: UNITED STATES POSTAL SERVICE/METRO/BUSHW
Contact Type: Not reported
Contact Name: MR. MORRIS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-5877
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 19830
Affiliation Type: Facility Owner
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: Not reported
Address1: 1050 FORBELL STREET
Address2: Not reported
City: BROOKLYN
State: NY

UNITED STATES POSTAL SERVICE/METRO/BUSHW (Continued) **S107782454**

Zip Code:	11256-9998
Country Code:	001
Phone:	(718) 348-3602
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19830
Affiliation Type:	Emergency Contact
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	IRA CHAPLAN MFLDM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 348-3593
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	19830
Affiliation Type:	Mail Contact
Company Name:	UNITED STATES POSTAL SERVICE
Contact Type:	Not reported
Contact Name:	POST MASTER
Address1:	BROOKLYN PROCESSING & DISTRIBUTION CTR.
Address2:	1050 FORBELL STREET
City:	BROOKLYN
State:	NY
Zip Code:	11256-9998
Country Code:	001
Phone:	(718) 348-3602
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	35647
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

UNITED STATES POSTAL SERVICE/METRO/BUSHW (Continued) **S107782454**

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/01/1994
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

Tank Number:	002
Tank Id:	49138
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
F06 - Pipe External Protection - Wrapped
C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating
B04 - Tank External Protection - Fiberglass
B05 - Tank External Protection - Jacketed

Tank Location:	1
Tank Type:	Fiberglass Coated Steel
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	04/01/1994
Capacity Gallons:	330
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1996
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number:	2-453137
SWIS Code:	6101
Operator:	MR. MORRIS
Facility Phone:	(718) 388-5877

UNITED STATES POSTAL SERVICE/METRO/BUSHW (Continued) **S107782454**

Facility Addr2:	47 DEBEVOISE STREET
Facility Type:	OTHER
Emergency:	IRA CHAPLAN MFLDM
Emergency Tel:	(718) 348-3593
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	UNITED STATES POSTAL SERVICE
Owner Address:	1050 FORBELL STREET
Owner City,St,Zip:	BROOKLYN, NY 11256-9998
Federal ID:	Not reported
Owner Tel:	(718) 348-3602
Owner Type:	Federal Government
Owner Subtype:	Not reported
Mailing Contact:	POST MASTER
Mailing Name:	UNITED STATES POSTAL SERVICE
Mailing Address:	BROOKLYN PROCESSING & DISTRIBUTION CTR.
Mailing Address 2:	1050 FORBELL STREET
Mailing City,St,Zip:	BROOKLYN, NY 11256-9998
Mailing Telephone:	(718) 348-3602
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	Not reported
Expiration:	10/14/1998
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	61
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	6000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	00
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	00
Tank Containment:	None
Leak Detection:	00
Overfill Protection:	04

UNITED STATES POSTAL SERVICE/METRO/BUSHW (Continued) **S107782454**

Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	04/01/1994
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

179
West
1/4-1/2
0.274 mi.
1449 ft.

UNKNOWN RESIDENCE
420 MARCY AVE
BROOKLYN, NY

NY LTANKS **S106970053**
NY MANIFEST **N/A**
NY Spills

Relative:
Lower

Actual:
12 ft.

LTANKS:

Site ID:	349949
Spill Number/Closed Date:	0505009 / 11/4/2005
Spill Date:	7/26/2005
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	aaobliga
Referred To:	NFA GRANTED
Reported to Dept:	7/26/2005
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	7/26/2005
Spill Record Last Update:	11/4/2005
Spiller Name:	SHAGI FREID
Spiller Company:	CONSTRUCTION SITE
Spiller Address:	420 MARCEY AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	SHAGI FREID
Spiller Phone:	(718) 522-5519
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	296385
DEC Memo:	7/26/2005 Sangesland spoke to Christopher DeCarlo (cell #201-694-4943) with Flemming Lee Shue Environmental Consulting.Approx. 20 years ago this site was a gasoline station.There is no DEC - PBS or Spill history for the site.Chris DeCarlo works for the new owner of a property which is now under construction. Apparently the former owner dug out the tanks and left a pit. Now that the new owner has started construction, approx 8 ft below the bottom of the pit they found floating gasoline product.

UNKNOWN RESIDENCE (Continued) **S106970053**

They are in the process of removing product and contaminated soil.Since the consultant knew the DEC proceedure and had already started, no contaminated soil letter was sent.7/26/2005 Sangesland - a second "Spill Report" came in on this site (#0505029). A vapor complaint from a neighbor with the smell of gasoline (95 degree temp today).Sangesland left a voice mail with Chris DeCarlo at Flemming Shue asking him to confirm that the stock piled material is covered and as much "Vapor Abatement" as possible has been done.9/19/05-Reassigned to A. Obligado. (Sun)9/19/05- Obligado- Reviewed fax from Christopher De Carlo of Fleming Lee Shue consultants dated 9/8/05 requesting case manager be assigned to site. Called De Carlo to give him contact info. DeCarlo stated that they completed excavation of soil and taken clean soil endpoint samples. GW sample from bottom of excavation is 18 ppm MTBE and 3.9 ppm benzene. Asks if they can request closure of spill number. Tell him the NYSDEC needs to see the UST closure report before a judgement can be made. DeCarlo says report is in progress and NYSDEC should receive it shortly. 9/19/05 - Obligado - Follow up phone converstation with De Carlo. Ask him to send DEC foundation and vapor barrier details. Inquire about site status - site construction on hold pending permit for excavation. Ask him not to begin construction until the department reviews designs and UST excavation results.10/28/05 - Obligado - Received phone call from De Carlo, says he had sent DEC Remedial Action Report and was waiting for DEC response. Told him that haven't seen report yet, and to email pdf of report. 10/31/05 - Obligado - review Remedial Action Report. 5 gasoline USTs removed previously, no records of soil disposal or analyticals. Upon beginning of FLShue's involvement of the site, the USTs had already been removed and an excavation 3 to 4 ft deep was on site. Continued excavation to 9-10 ft bgs. Excavated laterally until no contaminated soil encountered. 354 tons of soil removed from site. Soil results show no VOC exceedences in endpoint samples, only PAH exceedences in one soil sample, SB-2. Ground water sample collected from bottom of excavation show 3.9 ppb benzene and 18 ppb MTBE. Building construction will include 20 mL high polypropylene vapor barrier. Request NFA based on low concentrations and vapor barrier. Call Chris and leave message. Sent email approving building construction. Need to discuss closure. 11/3/05 - Obligado - Call Chris De Carlo (212) 675-3225, left message

Remarks: OWNER OF PROPERTY IS WALMARR LLC REALTY : REMOVING TANKS AND LLEFT A HOLE IN MIDDLE OF PROPERTY AND FOUND CONTAMINATED SOIL; AND FREE PRODUCT: ARE RMOVING SOIL AT THIS TIME;

Material:

Site ID:	349949
Operable Unit ID:	1107537
Operable Unit:	01
Material ID:	2097425
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

UNKNOWN RESIDENCE (Continued) **S106970053**

Tank Test:

NY MANIFEST:

EPA ID:	NYR000133769
Country:	USA
Mailing Name:	CGS BUILDER
Mailing Contact:	N/S
Mailing Address:	199 LEE AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	631-586-2000

NY MANIFEST:

No Manifest Records Available

SPILLS:

Facility ID:	0505029
DER Facility ID:	296385
Facility Type:	ER
Site ID:	349981
DEC Region:	2
Spill Date:	7/26/2005
Spill Number/Closed Date:	0505029 / 7/26/2005
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	7/26/2005
CID:	406
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/26/2005
Spill Record Last Update:	7/26/2005
Spiller Name:	UNKNOWN NAME
Spiller Company:	UNKNOWN RESIDENCE
Spiller Address:	420 MARCY AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	JULIO RODRIGUEZ
Contact Phone:	(917) 478-7546
DEC Memo:	Duplicate spill report - vapor complaint -Cross Ref to #0505009

UNKNOWN RESIDENCE (Continued) **S106970053**

Remarks: Next door to the callers house people are removing soil and tanks from the ground. When they move the material there is a very strong oil and gasoline smell.

Material:

Site ID:	349981
Operable Unit ID:	1107566
Operable Unit:	01
Material ID:	2097452
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	349981
Operable Unit ID:	1107566
Operable Unit:	01
Material ID:	2097453
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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180 ENE 1/4-1/2 0.311 mi. 1643 ft.

24 HUMBOLDT ST
24 HUMBOLDT ST
BROOKLYN, NY

NY LTANKS **S102143036**
NY Spills **N/A**

Relative: Higher

Actual: 25 ft.

LTANKS:

Site ID:	315418
Spill Number/Closed Date:	9505310 / 11/2/2005
Spill Date:	7/31/1995
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	7/31/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester

24 HUMBOLDT ST (Continued) **S102143036**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/31/1995
Spill Record Last Update:	11/2/2005
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	254294
DEC Memo:	11/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.This spill closed to consolidate with open spill #0402157.
Remarks:	TANK #1 - FAILURE

Material:

Site ID:	315418
Operable Unit ID:	1020217
Operable Unit:	01
Material ID:	363300
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	315418
Spill Tank Test:	1544039
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

SPILLS:

Facility ID:	9204027
DER Facility ID:	222748
Facility Type:	ER
Site ID:	273835
DEC Region:	2
Spill Date:	7/7/1992
Spill Number/Closed Date:	9204027 / 7/7/1992

24 HUMBOLDT ST (Continued) **S102143036**

Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	7/7/1919
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	7/7/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/8/1992
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TANG"
Remarks:	SORBENT APPLIED & DISPOSED.

Material:

Site ID:	273835
Operable Unit ID:	967824
Operable Unit:	01
Material ID:	567469
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9102670
DER Facility ID:	254294
Facility Type:	ER
Site ID:	207177
DEC Region:	2
Spill Date:	6/6/1991
Spill Number/Closed Date:	9102670 / 6/8/1994
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response.

24 HUMBOLDT ST (Continued) **S102143036**

Willing Responsible Party. Corrective action taken.

SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	6/6/1991
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	6/8/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/6/1991
Spill Record Last Update:	1/30/2006
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 B'WAY
Spiller City,St,Zip:	NY, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	01/30/06: This spill transferred from J.Kolleeny to S.Kraszewski. This site previously served to two 23K USTs installed in 1960. Both were removed and replaced by two 20K tanks in 2004. They all stored #2 fuel oil.
Remarks:	20 YDS OF SOIL FUEL LINE RUPTURED IN EXCAVATION BY BACKHOE, BRINGING IN CONTAINER FOR THE SOIL.

Material:

Site ID:	207177
Operable Unit ID:	953530
Operable Unit:	01
Material ID:	425166
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	207177
Spill Tank Test:	1538640
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

24 HUMBOLDT ST (Continued) **S102143036**

Facility ID:	9203554
DER Facility ID:	222748
Facility Type:	ER
Site ID:	273834
DEC Region:	2
Spill Date:	6/24/1992
Spill Number/Closed Date:	9203554 / 12/29/1992
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	6/25/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	12/29/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/12/1992
Spill Record Last Update:	12/29/1992
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	OIL FLOWED OUT OF VENT PIPE NOT HAVING A DELIVERY CALLING CONTRACTOR HOUSING PD ON SCENE NO CALL BACK NESS

Material:

Site ID:	273834
Operable Unit ID:	970933
Operable Unit:	01
Material ID:	411347
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0402157
DER Facility ID:	254294

24 HUMBOLDT ST (Continued) **S102143036**

Facility Type:	ER
Site ID:	315415
DEC Region:	2
Spill Date:	5/27/2004
Spill Number/Closed Date:	0402157 / 11/19/2007
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	5/27/2004
CID:	444
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/2004
Spill Record Last Update:	11/19/2007
Spiller Name:	NORMAN ZABUSKI
Spiller Company:	NYCHA BUSHWICK HOUSES
Spiller Address:	24 HUMBOLT STREET
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	NORMAN ZABUSKI
Contact Phone:	(718) 707-5709
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"11/02/05: This spill transferred from J.Kolleeny to S.Kraszewski01/13/06: Recieved NYCHA spill report. Gordon Environmental was on site during excavation to perform the site assessment, which is available according to the report. No documentation of investigation report on file. Need to contact NYCHA for the site assessment. - SK07/07/06: The site summary provided by NYCHA states that a site assessment is available, but doesn't describe what kind of assessment or the date. Recommends that the Department review it. - SK02/06/07 - J.Kann - site reassigned from S. Kraszewski to J.Kann.11/19/07: J.Kann - This spill closed and consolidated with 8908280.
Remarks:	FOUND SOME CONTAMINATED SOIL WHILE REMOVING TANK: SOIL IS BEING REMOVED BY GORDON ENVIORMENTAL AND WILL BE TESTED AND STOCKPILED ON PLASTIC.

Material:

Site ID:	315415
Operable Unit ID:	883900
Operable Unit:	01
Material ID:	493334
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds

24 HUMBOLDT ST (Continued) **S102143036**

Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9401533
DER Facility ID:	254294
Facility Type:	ER
Site ID:	315417
DEC Region:	2
Spill Date:	5/2/1994
Spill Number/Closed Date:	9401533 / 9/6/1994
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	5/2/1994
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Affected Persons
Cleanup Ceased:	9/6/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/4/1994
Spill Record Last Update:	11/26/2003
Spiller Name:	Not reported
Spiller Company:	ALPS MECHANICAL
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	RUPTURED RETURN LINE WHILE EXCAVATING-CONTAINED ON SOIL & BASEMENT BOILER ROOM. CLEAN UP IN PROGRESS. WINSTON CONTRACTING EN ROUTE.

Material:

Site ID:	315417
Operable Unit ID:	998756
Operable Unit:	01
Material ID:	385286
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

24 HUMBOLDT ST (Continued) **S102143036**

Oxygenate: False

Tank Test:
Site ID: 315417
Spill Tank Test: 1542666
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

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181 WNW 1/4-1/2 0.313 mi. 1651 ft. **FORMER CHARLES PFIZER & CO SITE** **NY BROWNFIELDS** **S113402003**
407 MARCY AVENUE **N/A**
BROOKLYN, NY 11206

Relative: Lower

Actual: 13 ft.

BROWNFIELDS:
Program: BCP
Site Code: 479327
Site Description: Location: The site is located in an urban area in East Williamsburg, Brooklyn and occupies Tax Block 2245 Lot 8.Site Features: The site is currently vacant. The site was previously occupied by a vacant one-story brick building with a paved parking lot. The building has been demolished but the foundation slab remains. Current Zoning and Land Use: The site is zoned R7A for residential use, with a C2-2 commercial overlay. The site is surrounded by commercial uses to the south and east, and by residential uses across Marcy Avenue to the west and across Lorimer Avenue to the north.Past Use of the Site: The site was developed prior to 1887 with 12 two-story residential homes. By 1935, the home on the corner of Marcy Ave. and Lorimer St. was replaced with a storefront. The other lots fronting on Lorimer St. contained a commercial building used for truck sales and service. The Charles Pfizer and Co. facility occupied the property from 1965 to 1987. From 1989 to 2007, a warehouse was operated on the site. These uses contributed to the petroleum contamination found at the site.Site Geology and Hydrogeology: Subsurface soils at the Site consist of a silty urban fill material mixed with bricks, coal ash, and other debris to approximately 5 ft below grade (bg). A native brown to grey silty-clay is present below the fill material to a depth of at least 12 ft bg. Bedrock in this area of Brooklyn is approximately 100 ft bg. Groundwater is present at a depth of approximately 10 ft bg and flows to the west-northwest toward Wallabout Channel.
Env Problem: Nature and Extent of Contamination:Soil: Based on the investigations conducted to date, the primary contaminants of concern detected in soil include SVOCs and metals. The contamination at the site was determined to be in the fill layer and beneath it to a depth of approximately 15 feet below grade over the entire site. Soil in two soil borings was contaminated with petroleum. Numerous SVOC

FORMER CHARLES PFIZER & CO SITE (Continued) **S113402003**

concentrations in soil in three of six soil borings exceeds the Unrestricted Use Soil Cleanup Objective (UUSCOs) as well as the Restricted Residential SCOs (RRSCOs), including: benzo(a)anthracene at a maximum concentration of 630ppm (RRSCO is 1 ppm), benzo(a)pyrene up to 440 ppm (RRSCO is 1 ppm, benzo(b)fluoranthene up to 500 ppm (RRSCO is 1 ppm), benzo(k)fluoranthene up to 130 ppm (RRSCO is 3.9 ppm), chrysene up to 640 ppm (RRSCO is 3.9 ppm), fluoranthene up to 1,200 ppm (RRSCO is 100 ppm), indeno(1,2,3-cd)pyrene up to 180ppm (RRSCO is 0.5 ppm), phenanthrene up to 1,800 ppm (RRSCO is 100 ppm), and pyrene up to 1,400 ppm (RRSCO is 100 ppm). Metals were detected in two soil samples at concentrations exceeding both the UUSCOs and the RRSCOs, as follows: cadmium up to 7.73 ppm (RRSCO is 2.5 ppm), lead up to 1,060ppm (RRSCO is 400 ppm), and mercury up to 2.78 ppm (RRSCO is 0.81 ppm), and zinc 2,550ppm (RRSCO is 109 ppm). Groundwater: VOCs and SVOCs were the primary contaminants found in groundwater. Cis 1,2 dichloroethene (DCE) was identified at a maximum concentration of 99 ppb (compared to groundwater quality standard of 5 ppb), 1,1,1- trichloroethane (TCA) 140 ppb (compared with groundwater quality standard of 5 ppb), and naphthalene was detected at up to 95 ppb (compared to groundwater quality standard of 10 ppb). The chlorinated solvents detected in groundwater are from a suspected upgradient source.Soil Vapor: In soil vapor, TCA was detected at a concentration of up to 32,000 micrograms per cubic meter. The chlorinated solvents detected in soil vapor are from a suspected upgradient source.

Health Problem: Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with a building foundation and pavement. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there is no on-site building, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development.

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182 West 1/4-1/2 0.313 mi. 1654 ft.

CONSTRUCTION SITE **NY LTANKS** **S102960158**
5 WALTON AVE **N/A**
BROOKLYN, NY

Relative: Lower

Actual: 11 ft.

LTANKS:

Site ID:	162103
Spill Number/Closed Date:	9710662 / 3/7/2003
Spill Date:	12/18/1997
Spill Cause:	Tank Failure
Spill Source:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401

CONSTRUCTION SITE (Continued) **S102960158**

Investigator:	WYNE
Referred To:	Not reported
Reported to Dept:	12/18/1997
CID:	257
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/18/1997
Spill Record Last Update:	3/7/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	ROMEO SANTOS
Spiller Phone:	(718) 322-5600
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	136819
DEC Memo:	Not reported
Remarks:	CALLER IS REMOVING TANK FROM GROUNDS AND FOUND CONTAMINATED SOIL

Material:

Site ID:	162103
Operable Unit ID:	1057036
Operable Unit:	01
Material ID:	328949
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

183
East
1/4-1/2
0.335 mi.
1770 ft.

Relative:
Higher

Actual:
43 ft.

CONWAY/EMPTY BUILDING - TTF **NY LTANKS** **S113406309**
815 BROADWAY **N/A**
BROOKLYN, NY

LTANKS:

Site ID:	479335
Spill Number/Closed Date:	1215990 / Not Reported
Spill Date:	3/1/2013
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	Not reported

CONWAY/EMPTY BUILDING - TTF (Continued) **S113406309**

Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	3/1/2013
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	3/1/2013
Spill Record Last Update:	3/27/2013
Spiller Name:	Not reported
Spiller Company:	CONWAY/EMPTY BUILDING
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	JOE YANKO
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	92097
DEC Memo:	Andy- 631-589-6353. Building will be redeveloped. They will repair and retest and send documentation.3/27/13 AFrischeisen internTTF letter sent.
Remarks:	8000 gal ast

Material:

Site ID:	479335
Operable Unit ID:	1229071
Operable Unit:	01
Material ID:	2226826
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

184
North
1/4-1/2
0.357 mi.
1885 ft.

LINDSAY PARK HOUSING CORP
54 BOERUM ST
BROOKLYLN, NY

NY LTANKS **S109829698**
N/A

Relative:
Higher

Actual:
15 ft.

LTANKS:

Site ID:	418462
Spill Number/Closed Date:	0906148 / 10/27/2010
Spill Date:	8/26/2009
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	8/26/2009
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/26/2009
Spill Record Last Update:	10/27/2010
Spiller Name:	JAY SILVERBERG
Spiller Company:	LINDSAY PARK HOUSING CORP
Spiller Address:	54 BOERUM ST
Spiller City,St,Zip:	BROOKLYLN, NY
Spiller County:	999
Spiller Contact:	BOB URBAN
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	367555
DEC Memo:	CSL letter pepared by Sangesland and forwarded to Zhune for signatureMr. Jay SilverbergLindsay Park Housing Corp202 Union AveBrooklyn, NY 1121110/06/09-Hiralkumar Patel. discussed with DEC Austin about multiple spill numbers (0701867, 0905544, 0906148 & 0905433) under Lindsey Park Housing Corp.. as same management and same contractor working at the site, transferred case 0906148 to Patel.11/10/09-Hiralkumar Patel.2:15 PM:- visited site. met Tom from Protest and Mr. Silverberg. 550 gal diesel tank removed and excavation was backfilled. contaminated soil found at the site. contamination at this site will be removed, once protest done working with other buildings where major contamination found. will remove clean fill and any contamiantion.01/22/10-Hiralkumar Patel.3:22 PM:- spoke with Tom at Protest. asked him to send updates.04/12/10-Hiralkumar Patel.3:17 PM:- received email from Tom. he mentioned that removal of contaminated soil has been completed and will submit report soon.05/11/10-Hiralkumar Patel.11:11 AM:- received email from Tom with updates. cleanup completed. will submit report.2:53 PM:- sent letter to Mr. Silberberg requiring endpoint samples. letter emailed to Mr. Silverberg and Tom.06/25/10-Hiralkumar Patel.1:15 PM:- office meeting with DEC Urda, DEC Morenzi, DEC

LINDSAY PARK HOUSING CORP (Continued) **S109829698**

Austin, Mr. Silverberg, Tom, Scott Smiw and Chris O'Donnell. during meeting, agreed upon following:- completion of excavation work at 31 Leonard Street- installation of 6 inch monitoring wells around USTs at 67 Manhattan Ave and pump out of product (as an interim measure before excavation starts)- either installation of soil boring (and three monitoring wells based on results of groundwater sample from soil boring) or soil excavation at 24 Boerum Street and 54 Boerum Street- installation of 6 inch monitoring wells around previously abandoned USTs at 30 Montrose avenueTom will submit revised work plan for 30 Montrose Ave and work plan for wells installation at 67 Manhattan Ave and boring/well installation at 24 and 54 Boerum Street. site visit needed during collection of endpoint samples from north end of excavation at 31 Leonard Street.DEC Urda asked to issue multi-sites STIP.09/21/10-Hiralkumar Patel.11:07 AM:- received email from DEC Urda with copy of signed STIP. DEC regional director signed STIP on 09/16/10. as per the CAP of the signed STIP, following documents are due:- a work plan for free phase product removal at 67 Manhattan Ave is due by end of 10/01/10- an interim spill cleaup report for 31 Leonard Street is due now- tank closure report for buildings 24 Boerum and 54 Boerum street are due on 12/21/10- a remedial investigation report for groundwater investigation at 30 Montrose is due on 02/28/1110/27/10-Hiralkumar Patel.9:46 AM:- received report from Protest. abstract:- a 550 gal diesel tank was removed- final excavation was 25 ft long, 5 ft wide and 13 ft deep- endpoint sidewall samples were collected at 12 ft depth- two endpoint bottom samples were collected at 14 ft depth- no VOC contamination found in any endpoint sample- minor SVOC contamination found in samplesbased on submitted report, case closed.1:49 PM:- sent spill closure letter to Mr. Silverberg. letter emailed to Mr. Silverberg (jadius7@aol.com) and Tom.**see also spill #s: 0103137, 0701867, 0905433, 0905544 and 1000673.**

Remarks: Removed tank on 8/18/09, no soil or other contamination noted at that time; just received the test results showing oil contamination. 550 gallon in ground diesel tank.

Material:

Site ID:	418462
Operable Unit ID:	1174632
Operable Unit:	01
Material ID:	2167005
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AJ185 **MARCY HOUSES -NYCHA** **NY LTANKS** **S105054636**
SW **603 PARK AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.358 mi.
1892 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
18 ft.

LTANKS:

Site ID:	274620
Spill Number/Closed Date:	0100526 / 12/9/2003
Spill Date:	4/13/2001
Spill Cause:	Tank Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	4/13/2001
CID:	199
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/13/2001
Spill Record Last Update:	12/9/2005
Spiller Name:	LUIS PONCE
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	23-02 49TH AVENUE
Spiller City,St,Zip:	LONG ISLAND CITY, NY 11101-
Spiller County:	001
Spiller Contact:	MOHAMMID ARIF
Spiller Phone:	(718) 566-8960
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178748
DEC Memo:	Not reported
Remarks:	WHILE REMOVING OLD TANKD (3) THERE WAS EVIDENCE FOUND OF OLD TANKSAND LEAKS IN THE CURRENT TANKS - CONTAMINATED SOIL FOUND / ALLSOIL WILL BE EXCAVATED AND SEPERATED TILL SAMPLES CAN BE TAKEN

Material:

Site ID:	274620
Operable Unit ID:	837414
Operable Unit:	01
Material ID:	536230
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	274620

MARCY HOUSES -NYCHA (Continued) **S105054636**

Operable Unit ID:	837414
Operable Unit:	01
Material ID:	536231
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AJ186 **MARCY HOUSES -NYCHA** **NY LTANKS** **S101102893**
SW **603 PARK AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.358 mi.
1892 ft. **Site 2 of 2 in cluster AJ**

Relative:
Higher

Actual:
18 ft.

LTANKS:

Site ID:	274622
Spill Number/Closed Date:	9315457 / Not Reported
Spill Date:	7/7/1992
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	CONS W/ 9611167 & 9614725, IWP RCVD 3/3/11
Reported to Dept:	3/30/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/5/1994
Spill Record Last Update:	5/29/2012
Spiller Name:	Not reported
Spiller Company:	NYCHA - JOE MONTELLA
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178748
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.03/23/06: This spill transferred to K.Tang - SK12/11/07:

MARCY HOUSES -NYCHA (Continued) **S101102893**

J.Kann. This spill transferred to J.Kann. Consolidated with 9611167 (closed) and 9614725 (closed). Spill 9611167 indicates "07/28/06: NYCHA update summary states that two 35K USTs installed in 1982 and stored #4 and #6 oil were closed-removed in 2001. A 2K Diesel tank installe din 1982 was closed-removed in 2001. In 1999, a 20K UST was installed. In 1996, a 4K AST was installed. Both were disconnected in 2001. In 2001, two 25 USTs that store #2 oil and one 2K diesel tank were installed and are currently in service. No recovery system and no MWs on site. NYCHA recommends that DEC review the available site assessment."3/10/11: J.Kann - Investigative work plan submitted on 3/3/11.5/29/12: J.kann - priority p0 assigned to the site

Remarks: LEAK RATE OF 0.08 GPH REPORTED AS PASSED BY TESTER.

Material:

Site ID:	274622
Operable Unit ID:	997511
Operable Unit:	01
Material ID:	387209
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	274622
Spill Tank Test:	1542561
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown
Site ID:	274622
Spill Tank Test:	1542562
Tank Number:	002
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	215888
Spill Number/Closed Date:	9611167 / 12/11/2007
Spill Date:	12/10/1996
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other

MARCY HOUSES -NYCHA (Continued) **S101102893**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	CONSOLIDATED WITH 9315457
Reported to Dept:	12/10/1996
CID:	312
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	12/10/1996
Spill Record Last Update:	12/11/2007
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178748
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.07/28/06: See comments for spill #9614725. - SK02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann
Remarks:	ISOLATE PIPING FROM TANK AND THEY WILL RE-TEST

Material:

Tank Test:

Site ID:	215888
Spill Tank Test:	1544924
Tank Number:	3
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	215887
Spill Number/Closed Date:	9607616 / 12/9/2005
Spill Date:	9/17/1996
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

MARCY HOUSES -NYCHA (Continued) **S101102893**

SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	9/17/1996
CID:	312
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/17/1996
Spill Record Last Update:	12/9/2005
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178748
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.This spill closed to consolidate with open spill #9614725.
Remarks:	diesel generator fuel tank failed

Material:

Site ID:	215887
Operable Unit ID:	1038782
Operable Unit:	01
Material ID:	346875
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	215887
Spill Tank Test:	1544761
Tank Number:	001
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	215889

MARCY HOUSES -NYCHA (Continued) **S101102893**

Spill Number/Closed Date:	9614725 / 12/11/2007
Spill Date:	3/21/1997
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	CONSOLIDATED WITH 9315457
Reported to Dept:	3/21/1997
CID:	322
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/21/1997
Spill Record Last Update:	12/11/2007
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	MAHATTAN, NY
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178748
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.07/28/06: NYCHA update summary states that two 35K USTs installed in 1982 and stored #4 and #6 oil were closed-removed in 2001. A 2K Diesel tank installe din 1982 was closed-removed in 2001. In 1999, a 20K UST was installed. In 1996, a 4K AST was installed. Both were disconnected in 2001. In 2001, two 25 USTs that store #2 oil and one 2K diesel tank were installed and are currently in service. No recovery system and no MWs on site. NYCHA recommends that DEC review the available site assessment. - SK12/11/07: Closed and consolidated with spill 9315457. Reassigned to J.Kann -J.Kann
Remarks:	tank failed test

Material:

Tank Test:

Site ID:	215889
Spill Tank Test:	1545038
Tank Number:	1
Tank Size:	35000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

187
SE
1/4-1/2
0.359 mi.
1896 ft.

BEDFORD AUTO SALES
984 MYRTLE AVE
BROOKLYN;, NY 11206

NY SWF/LF **S108145701**
N/A

Relative:
Higher

Actual:
54 ft.

SWF/LF:

Flag:	ACTIVE
Region Code:	2
Phone Number:	7188552725
Owner Name:	Frank Waters
Owner Type:	Private
Owner Address:	984 Myrtle Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn;, NY 11206
Owner Email:	biker202222@yahoo.com
Owner Phone:	7188552725
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling
Activity Number:	Not reported
Active:	Yes
East Coordinate:	589414
North Coordinate:	4505539
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported

188
West
1/4-1/2
0.374 mi.
1976 ft.

SLATTERY STOVE SITE
171-187 WALLABOUT ST
BROOKLYN, NY 11206

CERC-NFRAP **1000421759**
RCRA NonGen / NLR **NYD001288349**
FINDS
NY MANIFEST
PRP

Relative:
Lower

Actual:
11 ft.

CERC-NFRAP:

Site ID:	0203594
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	2000421.00000
Person ID:	2000111.00000
Contact Sequence ID:	2315972.00000
Person ID:	2000098.00000

CERCLIS-NFRAP Assessment History:

Action:	COST RECOVERY NEGOTIATIONS
Date Started:	/ /
Date Completed:	01/30/96
Priority Level:	Not reported

SLATTERY STOVE SITE (Continued) **1000421759**

Action: PREPARATION OF COST DOCUMENT PACKAGE
Date Started: / /
Date Completed: 03/14/95
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 05/05/00
Priority Level: Not reported

Action: REMOVAL
Date Started: 12/02/91
Date Completed: 06/02/92
Priority Level: Cleaned up

Action: CONSENT AGREEMENT (ADMINISTRATIVE)
Date Started: / /
Date Completed: 09/29/95
Priority Level: Not reported

Action: REMOVAL ASSESSMENT
Date Started: 11/01/91
Date Completed: 11/27/91
Priority Level: Not reported

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 11/15/91
Date Completed: 12/17/92
Priority Level: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: SLATTERY J B & BROS INC
Facility address: 171-187 WALLABOUT ST
BROOKLYN, NY 112064906
EPA ID: NYD001288349
Mailing address: WALLABOUT ST
BROOKLYN, NY 11206
Contact: Not reported
Contact address: WALLABOUT ST
BROOKLYN, NY 11206
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: J B SLATTERY & BRO INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private

SLATTERY STOVE SITE (Continued) **1000421759**

Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: J B SLATTERY & BRO INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: SLATTERY J B & BROS INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: SLATTERY J B & BROS INC
Classification: Not a generator, verified

Date form received by agency: 08/06/1980
Facility name: SLATTERY J B & BROS INC
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/30/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/04/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

SLATTERY STOVE SITE (Continued) **1000421759**

Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110004333374

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

NY MANIFEST:

EPA ID: NYD001288349
Country: USA
Mailing Name: USEPA
Mailing Contact: PAUL L KAHN
Mailing Address: 2890 WOODBRIDGE AVE
Mailing Address 2: Not reported
Mailing City: EDISON
Mailing State: NJ
Mailing Zip: 08837
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 908-321-6617

Document ID: NYB4844952
Manifest Status: Completed copy
Trans1 State ID: T977GCNJ
Trans2 State ID: Not reported
Generator Ship Date: 920528
Trans1 Recv Date: 920528
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920602
Part A Recv Date: 920625
Part B Recv Date: Not reported
Generator EPA ID: NYD001288349

SLATTERY STOVE SITE (Continued) **1000421759**

Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00700
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

Document ID: MDC0376685
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: HWH0167
Trans2 State ID: Not reported
Generator Ship Date: 920528
Trans1 Recv Date: 920528
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920601
Part A Recv Date: Not reported
Part B Recv Date: 920626
Generator EPA ID: NYD001288349
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: MDD980554653
Waste Code: D006 - CADMIUM 1.0 MG/L TCLP
Quantity: 23000
Units: P - Pounds
Number of Containers: 038
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 02400
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

PRP:
PRP name: DATSUN REALTY CORP.

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189 West 1/4-1/2 0.389 mi. 2054 ft.

NOSTRAND AVE & FLUSHING A
NOSTRAND AVE & FLUSHING A
BROOKLYN, NY

NY LTANKS **S100782053**
N/A

Relative: Lower

Actual: 12 ft.

LTANKS:
Site ID: 170265
Spill Number/Closed Date: 9309562 / 11/8/1993
Spill Date: 11/8/1993
Spill Cause: Tank Test Failure

NOSTRAND AVE & FLUSHING A (Continued) **S100782053**

Spill Source:	Commercial Vehicle
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
Cleanup Ceased:	11/8/1993
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	11/8/1993
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	11/9/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	LONDON FOG INDUSTRIES INC
Spiller Address:	ELDERSBURG, MD
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	143270
DEC Memo:	Not reported
Remarks:	INDUSTRIAL WASTE WAS NOTIFIED - JOHN RESPONDED. DEC SIGONA RESPONDED AND SPILL LEAKED FROM FUEL LINE AND WEST ONTO ST. IN FRONT OF MARCY HOUSES. TRYREE HIRED TO REMOVE WASTE MATERIAL.

Material:

Site ID:	170265
Operable Unit ID:	991116
Operable Unit:	01
Material ID:	392218
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	170265
Spill Tank Test:	1542183
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported

NOSTRAND AVE & FLUSHING A (Continued) **S100782053**

Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

190
NE
1/4-1/2
0.401 mi.
2115 ft.

SPILL NUMBER 0303435 **NY LTANKS** **S105999336**
130 MOORE ST **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	264329
Spill Number/Closed Date:	0303435 / 7/2/2003
Spill Date:	7/2/2003
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	7/2/2003
CID:	233
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	7/2/2003
Spill Record Last Update:	7/2/2003
Spiller Name:	UNKNOWN
Spiller Company:	UNKNOWN
Spiller Address:	UNKNOWN
Spiller City,St,Zip:	UNKNOWN, NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	215440
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "DEMEO"
Remarks:	veh parked near spill seems to be leaking leaking has stopped speedy dri was applied

Material:

Site ID:	264329
Operable Unit ID:	870541
Operable Unit:	01
Material ID:	504303
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported

SPILL NUMBER 0303435 (Continued) **S105999336**

Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AK191 **BORDEN CHEMICAL** **NY HSWDS** **S108146439**
WSW **56 NOSTRAND AVE.** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.403 mi.
2130 ft. **Site 1 of 2 in cluster AK**

Relative:
Higher

Actual:
14 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	Borden Chemical
Owner Address:	56 Nostrand Avenue
Owner Phone:	(212)834-5662
Operator Type:	Same
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	None
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Leaking tanks, drums, lagoons, other containers
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Brooklyn
Latitude:	40 41 51 N
Longitude:	73 57 24 W
Acres:	0.00
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Unknown
Active:	Not reported
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported

BORDEN CHEMICAL (Continued) **S108146439**

Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	None
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AK192 **BORDEN CHEMICAL ADHESIVES & CHEM** **CERC-NFRAP** **1000186343**
WSW **56 NOSTRAND AVE** **RCRA NonGen / NLR** **NYD012497335**
1/4-1/2 **BROOKLYN, NY 11205** **FINDS**
0.403 mi.
2130 ft. **Site 2 of 2 in cluster AK**

Relative:
Higher

Actual:
14 ft.

CERC-NFRAP:

Site ID:	0201493
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY

BORDEN CHEMICAL ADHESIVES & CHEM (Continued) **1000186343**

Date Started: / /
Date Completed: 05/01/80
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 10/01/80
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: SITE INSPECTION
Date Started: 10/01/80
Date Completed: 11/01/80
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 11/01/80
Priority Level: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: BORDEN CHEMICAL ADHESIVES & CHEMICALS
Facility address: 56 NOSTRAND AVE
BROOKLYN, NY 112051624
EPA ID: NYD012497335
Mailing address: E BROAD ST
COLUMBUS, NY 43215
Contact: Not reported
Contact address: E BROAD ST
COLUMBUS, NY 43215
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BORDEN INC
Owner/operator address: 180 EAST BROAD ST
OPERCITY, OH 99999
Owner/operator country: US
Owner/operator telephone: (212) 834-5662
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BORDEN INC
Owner/operator address: 180 E BROAD ST
COLUMBUS, OH 43215
Owner/operator country: US
Owner/operator telephone: (212) 834-5662
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

BORDEN CHEMICAL ADHESIVES & CHEM (Continued) **1000186343**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: BORDEN CHEMICAL ADHESIVES & CHEMICALS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: BORDEN CHEMICAL ADHESIVES & CHEMICALS
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: BORDEN CHEMICAL ADHESIVES & CHEMICALS
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: BORDEN CHEMICAL ADHESIVES & CHEMICALS
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004344451

Environmental Interest/Information System
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193
East
1/4-1/2
0.409 mi.
2159 ft.

GONZALEZ RESIDENCE
29 BEAVER ST
BROOKLYN, NY

NY LTANKS

S107658820
N/A

Relative:
Higher

Actual:
46 ft.

LTANKS:

Site ID:	361288
Spill Number/Closed Date:	0514546 / 3/21/2006
Spill Date:	3/20/2006
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	3/20/2006
CID:	409
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/20/2006
Spill Record Last Update:	3/21/2006
Spiller Name:	THOMAS BUTLER
Spiller Company:	VIJAX OIL CO,
Spiller Address:	222 VARICK ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	MIGUEL GONZALEZ
Spiller Phone:	(718) 788-3031
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	311478
DEC Memo:	Vijax says it was a minor spill and it was cleaned up.Homeowner did not answer and had no message machineSpill Closed
Remarks:	HAS BEEN CLEANED UP.

Material:

Site ID:	361288
Operable Unit ID:	1119452
Operable Unit:	01
Material ID:	2108876
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

GONZALEZ RESIDENCE (Continued) **S107658820**

Tank Test:

AL194
NE
1/4-1/2
0.409 mi.
2160 ft.

COOPER TANK & WELDING CO. **NY SWF/LF** **S105841714**
222-26 SIEGAL AVE **N/A**
BROOKLYN, NY 11206

Site 1 of 2 in cluster AL

Relative:
Higher

Actual:
19 ft.

SWF/LF:

Flag:	INACTIVE
Region Code:	2
Phone Number:	2124974431
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	SAMUEL COOPER; OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T19]
Active:	No
East Coordinate:	589500
North Coordinate:	4506500
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00103
Authorization Date:	Not reported
Expiration Date:	Not reported

195
NE
1/4-1/2
0.410 mi.
2165 ft.

BORINQUEN PLAZA **NY LTANKS** **U002034215**
110 HUMBOLDT STREET **NY UST** **N/A**
BROOKLYN, NY 11206

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	86456
Spill Number/Closed Date:	9605290 / 11/10/2010
Spill Date:	7/24/1996
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann

BORINQUEN PLAZA (Continued) **U002034215**

Referred To:	Not reported
Reported to Dept:	7/24/1996
CID:	270
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	7/24/1996
Spill Record Last Update:	11/10/2010
Spiller Name:	DAVE FORTE
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	DAVE FORTE
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	79316
DEC Memo:	12/12/05: This spill transffered from J.Kolleeny to S.Kraszewski.09/08/06: NYCHA Schedule D list states that quarterly smapling was performed in 2003 and the samples were clean. No such documents on file. No information in the site summaries. - SK02/08/07: DEC lead changed from S. Kraszewski to J. Kann. J.Kann02/13/09: J.Kann - Spoke with Gannett Fleming about a work plan being prepared for the site. Groundwater samples will be collected and analyzed for STARS VOCs and SVOCs. 4/28/09: J.Kann - Draft work plan received on 2/25. Comments sent on 3/17. Final Work Plan received on 4/24 and approved on 4/27. 10/06/09: J.Kann - Site visit to observe gw sampling.1/27/10: J.Kann - ISR submitted on 1/20/10. Spill Closure request. Report needs to be reviewed.11/10/10: J.Kann - based on review of the SAR and some PAHs remaining in soils at depth, NYCHA was emailed that a Quantitative exposure assessment should be performed on 10/28/10. A revised report was submitted on 11/5/10 and reviewed. Based on the QEA a complete exposure pathway does not exist. NFA. Spill closed.
Remarks:	test failed

Material:

Site ID:	86456
Operable Unit ID:	1032806
Operable Unit:	01
Material ID:	348039
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BORINQUEN PLAZA (Continued) **U002034215**

Site ID:	86456
Spill Tank Test:	1544656
Tank Number:	1b
Tank Size:	5000
Test Method:	03
Leak Rate:	-12.800000
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

UST:

Id/Status:	2-601867 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589489.82368999999
UTM Y:	4506519.83115
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	23829
Affiliation Type:	On-Site Operator
Company Name:	BORINQUEN PLAZA
Contact Type:	Not reported
Contact Name:	LUIS PONCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23829
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	FUEL OIL REMEDIATION COORDINATOR
Contact Name:	FUEL OIL REMEDIATION COORD.
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/30/2005

BORINQUEN PLAZA (Continued) **U002034215**

Site Id:	23829
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/21/2005

Site Id:	23829
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	LUIS PONCE
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	1
Tank ID:	48182
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	02/01/1975
Date Tank Closed:	03/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	03
Date Test:	04/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

BORINQUEN PLAZA (Continued) **U002034215**

I04 - Overfill - Product Level Gauge (A/G)
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping

196
WNW
1/4-1/2
0.414 mi.
2187 ft.

UNTIED STATES MILITARY
355 MARCY AVE
BROOKLYN, NY 11206

NY LTANKS **S103569544**
NY MANIFEST **N/A**
NY Spills

Relative:
Higher

Actual:
18 ft.

LTANKS:

Site ID:	135895
Spill Number/Closed Date:	8806820 / 10/7/1992
Spill Date:	11/15/1988
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	10/7/1992
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	11/15/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/18/1988
Spill Record Last Update:	1/2/2004
Spiller Name:	Not reported
Spiller Company:	NYS ARMORY
Spiller Address:	355 MARCY AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	116651
DEC Memo:	Not reported
Remarks:	5K TANK FAILED PETRO TITE WITH A LEAK RATE OF -.626GPH, OGS PROJECT, SYSTEM TEST,WILL TEST ONLY TANK NEXT.5K TANK FAILED ISOLATED PETROTITETEST AT -.605GPH, TANK SHOULD BE PUMPED OUT & REPLACED.

Material:

Site ID:	135895
Operable Unit ID:	921984

UNTIED STATES MILITARY (Continued) **S103569544**

Operable Unit: 01
Material ID: 455162
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Pounds
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 135895
Spill Tank Test: 1534896
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

NY MANIFEST:
EPA ID: NYD980776561
Country: USA
Mailing Name: UNTIED STATES MILITARY
Mailing Contact: UNTIED STATES MILITARY
Mailing Address: 355 MARCY AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 718-384-3747

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 2011-09-30
Trans1 Recv Date: 2011-09-30
Trans2 Recv Date: 2011-10-03
TSD Site Recv Date: 2011-10-05
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980776561
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 1000.0

UNTIED STATES MILITARY (Continued) **S103569544**

Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	008900865JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2011-09-30
Trans1 Recv Date:	2011-09-30
Trans2 Recv Date:	2011-10-03
TSD Site Recv Date:	2011-10-05
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	100.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	008900865JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported

UNTIED STATES MILITARY (Continued) **S103569544**

Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2012-04-17
Trans1 Recv Date:	2012-04-17
Trans2 Recv Date:	2012-04-26
TSD Site Recv Date:	2012-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	18.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008900702JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2012-04-17
Trans1 Recv Date:	2012-04-17
Trans2 Recv Date:	2012-04-26
TSD Site Recv Date:	2012-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012

UNTIED STATES MILITARY (Continued) **S103569544**

Manifest Tracking Num:	008900702JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2012-04-17
Trans1 Recv Date:	2012-04-17
Trans2 Recv Date:	2012-04-26
TSD Site Recv Date:	2012-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	12.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008900702JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2012-04-17
Trans1 Recv Date:	2012-04-17
Trans2 Recv Date:	2012-04-26

UNTIED STATES MILITARY (Continued) **S103569544**

TSD Site Recv Date:	2012-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	18.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008900702JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H061

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	2012-04-17
Trans1 Recv Date:	2012-04-17
Trans2 Recv Date:	2012-04-26
TSD Site Recv Date:	2012-04-27
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980776561
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	008900702JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N

UNTIED STATES MILITARY (Continued) **S103569544**

Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H061

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 2012-04-17
Trans1 Recv Date: 2012-04-17
Trans2 Recv Date: 2012-04-26
TSD Site Recv Date: 2012-04-27
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD980776561
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 12.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 008900702JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

SPILLS:
Facility ID: 9604202
DER Facility ID: 116651
Facility Type: ER
Site ID: 204041
DEC Region: 2
Spill Date: 6/27/1996
Spill Number/Closed Date: 9604202 / Not Reported
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: RVKETANI
Referred To: Not reported

UNTIED STATES MILITARY (Continued) **S103569544**

Reported to Dept:	6/27/1996
CID:	252
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	6/27/1996
Spill Record Last Update:	9/21/2012
Spiller Name:	MICHAEL CONICO
Spiller Company:	DIV MILITARY NAVAL AFFAIR
Spiller Address:	330 OLD NISKAYUNA RD
Spiller City,St,Zip:	LATHAM, NY
Spiller Company:	001
Contact Name:	SALVATORE MENNELLA
Contact Phone:	(718) 726-2181
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"4/12/04-Vought-Spill transferred from Mulqueen to Vought as per Rommel.3/24/06 Diaz - Next steps required - review file, track down contacts.Spill transferred back to Region 23/10/08 - Austin - Spill assigned to Ahmed for followup - end10/27/11 - Austin - Transferring this case from Ahmed to Ketani - end
Remarks:	upon digging out tanks it was discovered that soil wascontaminated from gasoline and possibly diesel fuel-areahas been cleaned up

Material:

Site ID:	204041
Operable Unit ID:	1035342
Operable Unit:	01
Material ID:	350492
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9514901
DER Facility ID:	116651
Facility Type:	ER
Site ID:	135896
DEC Region:	2
Spill Date:	2/21/1996
Spill Number/Closed Date:	9514901 / 2/21/1996
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

UNTIED STATES MILITARY (Continued) **S103569544**

SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	2/21/1996
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/21/1996
Spill Record Last Update:	3/27/1996
Spiller Name:	WALTER ZAYATZ
Spiller Company:	ARMY NAT'L GUARD BUILDING
Spiller Address:	355 MARCY AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	WALTER ZAYATZ
Contact Phone:	(718) 599-7588
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MARTINKAT"
Remarks:	one of the guards vehicles leaked fuel.

Material:

Site ID:	135896
Operable Unit ID:	1026005
Operable Unit:	01
Material ID:	355021
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AL197 **BORINQUEN PLAZA** **NY LTANKS** **S102959968**
NE **155 SIEGEL STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.425 mi.
2243 ft. **Site 2 of 2 in cluster AL**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Site ID:	327447
Spill Number/Closed Date:	9711438 / 7/12/2010
Spill Date:	1/12/1998
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response.

BORINQUEN PLAZA (Continued) **S102959968**

	Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	1/12/1998
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/12/1998
Spill Record Last Update:	7/12/2010
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY 10007-
Spiller County:	001
Spiller Contact:	FRANK OCELLA
Spiller Phone:	(212) 306-3233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	263580
DEC Memo:	11/10/05: This spill transferred form J.Kolleeny to S.Kraszewski.Reviewed ISRP prepared by Gannett Fleming dated February 2003. 03/22/06: This spill transferred to K.Tang - SK02/13/09: J.Kann - Spill transferred to J.Kann. Spoke with Ivy Olberding of PW Grosser to discuss a proposed work plan. Two borings should be advanced with soil samples collected around the groundwater interface. 4 existing monitoring wells will be sampled for analysis of STARS VOCs and SVOCs.4/28/09: J.Kann - Draft work plan received on 2/25. Comments sent on 3/26. Final Work Plan received on 4/24 and approved on 4/27. 10/06/09: J.Kann - Site visit to observe gw sampling.1/27/10: J.Kann - ISR submitted on 1/20/10. Spill Closure request. Report needs to be reviewed.7/12/10: J.Kann - Based on review of the ISR, the spill was closed. Report shows on-site soil samples to have no SVOC or VOCs detected. On-site wells have not been impacted by the UST. One off-site upgradient well did have minor VOCs detected. NFA.
Remarks:	houing tested tank, tank failed.

Material:

Site ID:	327447
Operable Unit ID:	1057928
Operable Unit:	01
Material ID:	326102
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

BORINQUEN PLAZA (Continued) **S102959968**

Tank Test:

Site ID:	327447
Spill Tank Test:	1545552
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	327446
Spill Number/Closed Date:	9100258 / 1/12/1998
Spill Date:	4/5/1991
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	4/5/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/17/1991
Spill Record Last Update:	1/12/1998
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	263580
DEC Memo:	Not reported
Remarks:	5K UNDERGROUND TANK FAILED A HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE,ISOLATE & RETEST.

Material:

Site ID:	327446
Operable Unit ID:	953801
Operable Unit:	01
Material ID:	426465
Material Code:	0001A
Material Name:	#2 Fuel Oil

BORINQUEN PLAZA (Continued) **S102959968**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	327446
Spill Tank Test:	1538426
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AM198 **BORINQUEN PLAZA** **NY LTANKS** **U002034216**
NE **120 HUMBOLDT STREET** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11206**
0.427 mi.
2256 ft. **Site 1 of 2 in cluster AM**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Site ID:	201928
Spill Number/Closed Date:	9807939 / 10/28/2010
Spill Date:	9/29/1998
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	9/29/1998
CID:	252
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	9/29/1998
Spill Record Last Update:	10/28/2010
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY 10007-
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 306-3229

BORINQUEN PLAZA (Continued) **U002034216**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	167972
DEC Memo:	12/02/05: This spill transferred from J.Kolleeny to S.Kraszewski.09/01/06: DEC Lead for this spill changed from "unassigned" to S. Kraszewski. - J. Kolleeny02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann02/13/09: J.Kann - Spoke with Ivy Olberding of PW Grosser to discuss Work Plan proposals for this site. Existing groundwater wells will be sampled for STARS VOCs and SVOCs.4/28/09: J.Kann - Draft work plan received on 2/25. Comments sent on 3/26. Final Work Plan received on 4/24 and approved on 4/27. 10/06/09: J.Kann - Site visit to observe gw sampling.1/27/10: J.Kann - ISR submitted on 1/20/10. Spill Closure request. Report needs to be reviewed.10/28/10: J.Kann - Report reviewed. No SVOCs or VOCs detected in soil samples. No SVOCs in groundwater. One upgraident well contained benzene at 6.2 ppb. Tank closed in 2000. NFA.
Remarks:	WILL ISOLATE AND RE-TEST

Material:

Site ID:	201928
Operable Unit ID:	1069122
Operable Unit:	01
Material ID:	315477
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	201928
Spill Tank Test:	1546317
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

UST:

Id/Status:	2-601868 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589484.76971000002
UTM Y:	4506554.5494900001
Site Type:	Apartment Building/Office Building

BORINQUEN PLAZA (Continued) **U002034216**

Affiliation Records:

Site Id:	23830
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23830
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/21/2005

Site Id:	23830
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	FUEL OIL REMEDIATION COORDINATOR
Contact Name:	FUEL OIL REMEDIATION COORD.
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/30/2005

Site Id:	23830
Affiliation Type:	On-Site Operator
Company Name:	BORINQUEN PLAZA
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE

BORINQUEN PLAZA (Continued) **U002034216**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	1
Tank ID:	48183
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	02/01/1975
Date Tank Closed:	03/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	03
Date Test:	01/01/1991
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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199 **148 TOMPKINS AVE** **NY LTANKS** **S104619929**
South **148 TOMPKINS AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.427 mi.
2257 ft.

Relative:
Higher

Actual:
39 ft.

LTANKS:

Site ID:	78796
Spill Number/Closed Date:	9812767 / 2/7/2006
Spill Date:	1/17/1999
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Known release that creates potential for fire or hazard. DEC Response.

148 TOMPKINS AVE (Continued) **S104619929**

	Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	GWBURKE
Referred To:	Not reported
Reported to Dept:	1/17/1999
CID:	322
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/17/1999
Spill Record Last Update:	3/30/2006
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	148 TOMPKINS AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	73294
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SANGESLAND"No contact information for property owner. Adminstrative closure.
Remarks:	75 gal tank is leaking - unk amount leaked in basement - clean uphas not been done

Material:

Site ID:	78796
Operable Unit ID:	1073203
Operable Unit:	01
Material ID:	313048
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

200 NNW 1/4-1/2 0.440 mi. 2324 ft. **ENGINE CO. 216/LADD. CO. 108 FDNY -DDC**
187 UNION AVENUE
BROOKLYN, NY

NY LTANKS S104073416
NY Spills N/A

Relative: Higher

Actual: 18 ft.

LTANKS:

Site ID:	188778
Spill Number/Closed Date:	8607159 / 1/13/2005
Spill Date:	2/24/1987
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	2/24/1987
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Federal Government
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/4/1987
Spill Record Last Update:	7/7/2005
Spiller Name:	Not reported
Spiller Company:	NYC FIRE / POLICE DEPT.
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	141497
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY" / / : BURIED ABOVE GROUND TANK LEAKING THROUGH FIRE WALL FROM 90TH PCT. TO FIREHOUSE. ABSORBENT PADS ARE BEINGPUT DOWN. This spill is referred to spill # 9807905 and is closed today as per discussion with Alex. - II (01/13/05).
Remarks:	UNDERGROUND TANK LEAKING FROM THE POLICE DEPT. TO THE FIRE DEPT. FOR SEVERAL MONTHS. 90TH PRECINCT - 718-963-5311 ASSIGNED TO DGS MONITORS FOR FURTHER ACTION

Material:

Site ID:	188778
Operable Unit ID:	904921
Operable Unit:	01
Material ID:	559700
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons

ENGINE CO. 216/LADD. CO. 108 FDNY -DDC (Continued) **S104073416**

Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	188778
Operable Unit ID:	904921
Operable Unit:	01
Material ID:	559701
Material Code:	0063A
Material Name:	UNKNOWN HAZARDOUS MATERIAL
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9807905
DER Facility ID:	141497
Facility Type:	ER
Site ID:	167947
DEC Region:	2
Spill Date:	9/28/1998
Spill Number/Closed Date:	9807905 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	ADZHITOM
Referred To:	DRILLING APPROVED
Reported to Dept:	9/29/1998
CID:	211
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	9/29/1998
Spill Record Last Update:	4/15/2013
Spiller Name:	CHRIS STEIN
Spiller Company:	ENGINE 216 NYFD
Spiller Address:	187 UNION AV
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	CHRIS STEIN
Contact Phone:	(516) 499-1085
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"Initial site investigation soil data found soil

ENGINE CO. 216/LADD. CO. 108 FDNY -DDC (Continued) **S104073416**

contamination, however, additional soil sampling by URS failed to duplicate those results and only contaminant in groundwater was MTBE, which seemed likely to be coming from upgradient 90th Precinct.In March 2005, J. Kolleeny approved NFA for the soil at site (and monitoring of groundwater combined with 90th Pct. monitoring), but cautioned that if there were indications that on-site soil contamination was impacting groundwater, additional investigation and/or remediation could be required.In November 2004 URS Groundwater Monitoring report for 90th Precinct and Engine Co. 216, MTBE levels in Eng. Co. 216 wells seem persistent and possibly unrelated to 90th Precinct plume. JK spoke with Jane Staten of URS and agreed that if next round of GW sampling still showed high MTBE levels, situation at Eng. Co. 216 would be re-evaluated.Spill transferred from Kolleeny to A. Zhitomirsky on 4/4/05. - JK8-14-2006 Reviewed monitoring report by Roux dated July 28, 2005 for March through June 2006.MW-3 - 150 PPB mtbe in groundwater.Recommendations: maintainn DPE and Oxygen delivery remediation systems shut down; continue gw monitoring, discontinue SVOCs analyses, evaluate alternative technologies. AZ04-5-2007 Reviewed Monitoring Reports submitted in November 2006 for July through September 2006 and on March 23, 2007, for October through December 2006. Residual MTBE contamination was detected in four wells with concentrations up to 60 ppb(July 2006). Benzine and naphthalene were encountered in one well. DPE was inactive. ORC injections and ORC socks were discontinued. In October 2006 sampling event MTBE ranged from 16 ppb to 136 ppb. Some increase of MTBE concentrations was observed. ORC socks will be installed in MW 216-MW-01, 216-MW-03 and MW-09. Recommended maintaining shutdown status of DPE system, reducing monitoring and reporting to semi-annual. These recommendations were approved. An e-mail was sent to Brian Morrissey (ROUX). AZ10-22-2007 Reviewed Monitoring Reports submitted in August 2007 for January through June 2007. Residual MTBE contamination was detected in five wells wells with concentrations up to 85 ppb. ORC socks were reinstalled in three monitoring wells at the NYSDEC request. Roux recommended continuing semi-annual groundwater monitoring program. AZ7-2-2008 Reviewed Monitoring Reports submitted in April 2008 for July through December 2008. MTBE is the only VOC detected at a concentration greater than its NYSDEC AWQSGV in multiple wells. Roux recommended continuing semi-annual groundwater monitoring program. AZ2-13-2009 Reviewed Monitoring Reports submitted in October 2009 for January through September 2008. Residual MTBE contamination was detected in four wells of the six wells with concentrations up to 66 ppb. ORC socks were reinstalled in three monitoring wells at the NYSDEC request. MTBE is the only VOC detected at a concentration greater than its NYSDEC AWQSGV in multiple wells. Roux will conduct a site wide groundwater sampling round in preparation for NFA. AZ11-6-09 An e-mail was sent to Brian Morrisey/Fatemeh Ashkan/ V. Brevdo: "I have reviewed a semi-annual report for the above site dated May 22, 2009 add covering the period of June 2008 through March 2009. Roux proposed conducting soil sampling and analyses in areas of residual groundwater contamination (i.e.e 216-MW-02 and MW-08) in order to determine current status of soil impacts. Also, you proposed considering enhanced bioremediation for this site. These proposals are approved and should the work plan should be included in the next monitoring report." AZ4-25-2011 Reviewed LiRo status report. This spill is associated with four closed in place 550 gallon gasoline USTs. Two soil borings will be installed near these USTs. AZ11-28-2011 A report dated 9-8-2011

ENGINE CO. 216/LADD. CO. 108 FDNY -DDC (Continued) **S104073416**

stated that drilling for the borings approved by DEC was scheduled for August 2011. AZ6-12-2012 Reviewed a status report dated 3-29-2012. ORC socks were placed in contaminated wells. AZ4-12-2012 Reviewed a status report dated 8-31-2012. Semi-annual sampling is being performed at 12 wells. Downgradient well MW-2 exhibited continued rise in contaminant levels. Left a message for S. Frank. He called back and we discussed the site. He will into it. Maybe LiRo will install a well downgradient of 216-MW-2 AZ

Remarks: CALLER DOING SITE ASSESSMENT AND RESULTS SHOWED CONTAMINATION

Material:

Site ID:	167947
Operable Unit ID:	1065476
Operable Unit:	01
Material ID:	315444
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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201 WSW 1/4-1/2 0.441 mi. 2327 ft.

30 WARSOFF PLACE/BKLYN **NY LTANKS** **S100144944**
30 WARSOFF PLACE **N/A**
NEW YORK CITY, NY

Relative: Higher

Actual: 14 ft.

LTANKS:

Site ID:	228023
Spill Number/Closed Date:	8708592 / 9/30/1992
Spill Date:	1/7/1988
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	9/30/1992
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1/7/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/25/1988
Spill Record Last Update:	5/12/1994
Spiller Name:	Not reported

30 WARSOFF PLACE/BKLYN (Continued) **S100144944**

Spiller Company:	RELIABLE SAMPLE CARD COMP
Spiller Address:	30 WARSOFF PLACE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	188084
DEC Memo:	Not reported
Remarks:	10K TANK FAILED WITH A LEAK RATE OF -.122GPH, WILL EXCAVATE, ISOLATE AND RETEST.

Material:

Site ID:	228023
Operable Unit ID:	913266
Operable Unit:	01
Material ID:	463971
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	228023
Spill Tank Test:	1532946
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

AM202 **MANHOLE 71383** **NY LTANKS S108058411**
NE **130 HUMBOLDT STREET** **NY Spills N/A**
1/4-1/2 **BROOKLYN, NY**
0.445 mi.
2348 ft. **Site 2 of 2 in cluster AM**

Relative:
Higher

Actual:
20 ft.

LTANKS:

Site ID:	233389
Spill Number/Closed Date:	9905903 / 1/8/2004
Spill Date:	8/17/1999
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False

MANHOLE 71383 (Continued) **S108058411**

SWIS:	2401
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	8/17/1999
CID:	388
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	8/17/1999
Spill Record Last Update:	1/8/2004
Spiller Name:	FRANK OCELO
Spiller Company:	NY CITY HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	(212) 306-3229
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70105
DEC Memo:	Not reported
Remarks:	caller reports tested tank and tank failed.

Material:

Site ID:	233389
Operable Unit ID:	1080347
Operable Unit:	01
Material ID:	302186
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	233389
Spill Tank Test:	1547491
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	74795
Spill Number/Closed Date:	9402292 / 1/8/2004

MANHOLE 71383 (Continued) **S108058411**

Spill Date:	5/16/1994
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	RXKEATIN
Referred To:	Not reported
Reported to Dept:	5/16/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/24/1994
Spill Record Last Update:	3/7/2005
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	70105
DEC Memo:	Not reported
Remarks:	WILL EMPTY TANK AND INSPECT.

Material:

Site ID:	74795
Operable Unit ID:	996090
Operable Unit:	01
Material ID:	386032
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	74795
Spill Tank Test:	1542732
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported

MANHOLE 71383 (Continued) **S108058411**

Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 0604078
DER Facility ID: 70105
Facility Type: ER
Site ID: 366961
DEC Region: 2
Spill Date: 7/12/2006
Spill Number/Closed Date: 0604078 / 8/15/2006
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 7/13/2006
CID: 73
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/13/2006
Spill Record Last Update: 8/30/2006
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: Not reported
Spiller City,St,Zip: ZZ 11735
Spiller Company: 999
Contact Name: ERTS
Contact Phone: (212) 580-8383
DEC Memo: 08/15/06 - See e-docs for Con Ed report detailing cleanup and closure.201086. see eDocs.
Remarks: NO TO ALL 5 QUESTIONS. 1 PINT OIL. REF #201086.

Material:
Site ID: 366961
Operable Unit ID: 1124887
Operable Unit: 01
Material ID: 2114394
Material Code: 0066A
Material Name: UNKNOWN PETROLEUM
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

MANHOLE 71383 (Continued) **S108058411**

Tank Test:

Facility ID:	8807903
DER Facility ID:	70105
Facility Type:	ER
Site ID:	74794
DEC Region:	2
Spill Date:	12/28/1988
Spill Number/Closed Date:	8807903 / 11/14/1994
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	12/28/1988
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Local Agency
Cleanup Ceased:	11/14/1994
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/10/1989
Spill Record Last Update:	11/15/1994
Spiller Name:	Not reported
Spiller Company:	ALMAR FUEL OIL COMPANY
Spiller Address:	910 MCDONALD AVENUE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	DEC (SIGONA) RESPONDING, PRECINCT #90 CLOSED DOWN STREET, SANITATION PUT DOWN SAND, CONTRACTOR TO CLEAN UP.

Material:

Site ID:	74794
Operable Unit ID:	924408
Operable Unit:	01
Material ID:	452678
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

203
ESE
1/4-1/2
0.450 mi.
2374 ft.

SUMNER HOUSES
10 LEWIS AVE
BROOKLYN, NY

NY LTANKS
NY Spills

S101658425
N/A

Relative:
Higher

Actual:
64 ft.

LTANKS:

Site ID:	180722
Spill Number/Closed Date:	9505222 / Not Reported
Spill Date:	7/28/1995
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jkkann
Referred To:	CONSOLIDATED WITH 9904132
Reported to Dept:	7/28/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	7/28/1995
Spill Record Last Update:	5/25/2012
Spiller Name:	Not reported
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	172229
DEC Memo:	12/19/05: This spill transferred from J.Kolleeny to S.Kraszewski.03/23/06: This spill transferred to K.Tang - SK12/30/09: J.Kann - site reassigned to J.kann and consolidated with 99041325/25/12: J.kann - assigned priority P0 to site as part of monthly report exercise, little information is readily available.
Remarks:	TANK #2 - FAILURE

Material:

Site ID:	180722
Operable Unit ID:	1016192
Operable Unit:	01
Material ID:	363215
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported

SUMNER HOUSES (Continued) **S101658425**

Oxygenate: False

Tank Test:
Site ID: 180722
Spill Tank Test: 1544033
Tank Number: 002
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

Site ID: 180721
Spill Number/Closed Date: 9505160 / 10/30/2003
Spill Date: 7/27/1995
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 7/27/1995
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 7/28/1995
Spill Record Last Update: 11/29/2005
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 172229
DEC Memo: Not reported
Remarks: TANK #1 - FAILURE

Material:
Site ID: 180721
Operable Unit ID: 1016156
Operable Unit: 01
Material ID: 363156
Material Code: 0001A

SUMNER HOUSES (Continued) **S101658425**

Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 180721
Spill Tank Test: 1544031
Tank Number: 001
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

SPILLS:
Facility ID: 9904132
DER Facility ID: 172229
Facility Type: ER
Site ID: 207568
DEC Region: 2
Spill Date: 7/8/1999
Spill Number/Closed Date: 9904132 / 12/30/2009
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: jkkann
Referred To: CONSOLIDATED WITH 9505222
Reported to Dept: 7/8/1999
CID: 252
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 7/8/1999
Spill Record Last Update: 12/30/2009
Spiller Name: EDWARD MALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: RAY VALEZ
Contact Phone: (212) 306-3142

SUMNER HOUSES (Continued) **S101658425**

DEC Memo: 11/29/05: This spill transferred from J.Kolleeny to S.Kraszewski.02/02/06: This spill transferred from S.Kraszewski to Q.Abidi.04/04/04: This spill transferred from Q. Abidi to Koon Tang12/30/09: J.Kann - site reasssigned to J.Kann and consolidated with 9505222
Remarks: UPON REMOVAL OF 20,000 FUEL OIL TANK SOIL CONTAMINATION WAS DISCOVERED-NYC HOUSING AUTH ON SITE FOR CLEANUP.

Material:
Site ID: 207568
Operable Unit ID: 1083071
Operable Unit: 01
Material ID: 304025
Material Code: 0002A
Material Name: #4 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

Facility ID: 8909504
DER Facility ID: 172229
Facility Type: ER
Site ID: 207567
DEC Region: 2
Spill Date: 1/2/1990
Spill Number/Closed Date: 8909504 / 12/8/1992
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1/2/1990
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: 12/8/1992
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1/16/1990
Spill Record Last Update: 5/14/2004
Spiller Name: Not reported
Spiller Company: MYSTIC OIL CO
Spiller Address: GEORGE ALVERA
Spiller City,St,Zip: ZZ
Spiller Company: 001

SUMNER HOUSES (Continued) **S101658425**

Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Not reported
Remarks: VENDORS SPILLED FUEL OIL ON THE SIDEWALK - BROKEN HOSE. APPLIED SPEEDI-DRY, MATERIAL WAS PLACED IN GALVANIZED CANS. CONTRACTOR WILL DISPOSE OF CONTAMINATED MATERIAL & CLEAN.

Material:
Site ID: 207567
Operable Unit ID: 936673
Operable Unit: 01
Material ID: 442667
Material Code: 0003A
Material Name: #6 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 207567
Spill Tank Test: 1536630
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Unknown

204
NW
1/4-1/2
0.454 mi.
2397 ft.

JOHNSON AVE. & BROADWAY **NY LTANKS** **S100560449**
JOHNSON AVE AND BROADWAY **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
19 ft.

LTANKS:
Site ID: 215550
Spill Number/Closed Date: 9305896 / 8/13/1993
Spill Date: 8/13/1993
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 8/13/1993
Cleanup Meets Standard: True
SWIS: 2401
Investigator: GRIFFIN
Referred To: Not reported
Reported to Dept: 8/13/1993
CID: Not reported
Water Affected: Not reported
Spill Notifier: Local Agency

JOHNSON AVE. & BROADWAY (Continued) **S100560449**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/16/1993
Spill Record Last Update:	9/30/2004
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	178521
DEC Memo:	Not reported
Remarks:	U/G GASOLINE TANK APPEARS TO BE LEAKING - NYC FIRE HAZ/MAT CHECKING FIREMAN RICHARD KELLER

Material:

Site ID:	215550
Operable Unit ID:	984053
Operable Unit:	01
Material ID:	395799
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-50
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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205 **FORMER JAYER PLATING** **NY HSWDS** **S104495031**
NNE **2 INGRAHAM STREET** **N/A**
1/4-1/2 **EAST WILLIAMSBURG, NY 11206**
0.458 mi.
2416 ft.

Relative:
Higher

Actual:
25 ft.

HSWDS:

Facility ID:	HS2044
Region:	2
Facility Status:	None
Owner Type:	Puplic
Owner:	Millhan Realty Co./Carl Savryn
Owner Address:	Not reported
Owner Phone:	(212)972-8600
Operator Type:	Puplic
Operator:	Jayer Plating
Operator:	Jayer Plating
Operator Phone:	Not reported
EPA ID:	Not reported

FORMER JAYER PLATING (Continued) **S104495031**

Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Not reported
RCRA Permitted:	No
Site Code:	Industrial Site
Owner City State:	Not reported
Operator City State:	Not reported
Quadrange:	Brooklyn
Latitude:	40 42 22 N
Longitude:	73 56 30 W
Acres:	1.80
Operator Date:	1946
Close Date:	1990
Completed:	PRP Phase2
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	Unknown
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Subsurface
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	TCLP
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	SD
Groundwater Contamination:	Yes
Groundwater Classification:	Sole Sourc
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Yes
Any Known Fish or Wildlife:	No
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Yes
Ambient Air Contamination:	No
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	N/A
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported

FORMER JAYER PLATING (Continued) **S104495031**

Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

206
NW
1/4-1/2
0.460 mi.
2427 ft.

BROOKLYN NORTH 03/03A DOS -DDC **NY LTANKS S104621574**
306 RUTLEDGE STREET **NY Spills N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
25 ft.

LTANKS:

Site ID:	127996
Spill Number/Closed Date:	0001698 / 6/23/2008
Spill Date:	4/21/2000
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	jamaison
Referred To:	HOIST OIL
Reported to Dept:	5/10/2000
CID:	366
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/10/2000
Spill Record Last Update:	6/23/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	MOHAMMED AZIZ
Spiller Phone:	(917) -
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	114349
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ROMMEL"10/14/04 The spill was reassigned to Alex. This spill is also referred to spill # 9601941,9200212& 0001698. -II (03/02/05).3/09/06: This spill transferred from I. Islam to Q. Abidi.5/31/07 Spill case transferred from K. Tang to J. Maisonave. - JAM6/23/08 This spill

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

case is closed and consolidated with spill number 9200212. Free phase hoist oil has been evacuated from several wells. An active MPE system is also remediating a gasoline spill at this site. Hoist oil will be added to the list of materials for spill number 9200212. See that spill for more information. - JAM

Remarks: North 3-3a garage.

Material:

Site ID:	127996
Operable Unit ID:	823519
Operable Unit:	01
Material ID:	289913
Material Code:	1096A
Material Name:	HOIST OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	127996
Spill Tank Test:	1525572
Tank Number:	2
Tank Size:	550
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	132862
Spill Number/Closed Date:	8809462 / 3/2/2005
Spill Date:	11/2/1988
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	AIIslam
Referred To:	Not reported
Reported to Dept:	3/8/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	3/8/1989

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

Spill Record Last Update:	3/2/2005
Spiller Name:	Not reported
Spiller Company:	DOS
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	114349
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMERSKY"The spill is closed in consultation with Alex to consolidate with spill # 9200212. The site is under remediation by LiRo Engineers. - II (03/02/05).
Remarks:	550 GALLON TANK FAILED A NYCFD AIR PRESSURE TEST, UNDETERMINED LEAK RATE, PUMPED OUT TANK, WILL RETEST.

Material:

Site ID:	132862
Operable Unit ID:	925527
Operable Unit:	01
Material ID:	454194
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	132862
Spill Tank Test:	1535230
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	127997
Spill Number/Closed Date:	9601941 / 3/2/2005
Spill Date:	5/9/1996
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

Investigator:	AIIslam
Referred To:	Not reported
Reported to Dept:	5/9/1996
CID:	351
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/9/1996
Spill Record Last Update:	3/2/2005
Spiller Name:	ANTHONY MARINO
Spiller Company:	DEPT OF GENERAL SERVICES
Spiller Address:	MUNICIPAL BLDG-15TH FLOOR
Spiller City,St,Zip:	NEW YORK, NY 10007-
Spiller County:	001
Spiller Contact:	ANTHONY MARINO
Spiller Phone:	(212) 669-8286
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	114349
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"TRANSFERRED FROM Y.KRIMGOLD.The spill is closed in consultation with Alex to consolidate with spill # 0001698. The site is currently under remediation by LiRo Engineers. - II (03/02/05).
Remarks:	caller received results from soil tests from around an underground storage tank and the results indicated contamination

Material:

Site ID:	127997
Operable Unit ID:	1029528
Operable Unit:	01
Material ID:	351737
Material Code:	9999
Material Name:	Other -
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	9200212
DER Facility ID:	114349
Facility Type:	ER
Site ID:	292895
DEC Region:	2
Spill Date:	4/7/1992
Spill Number/Closed Date:	9200212 / Not Reported
Spill Cause:	Unknown

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	adzhitom
Referred To:	PRE-DESIGN INV WP APPRVD
Reported to Dept:	4/7/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	5
Date Entered In Computer:	4/8/1992
Spill Record Last Update:	1/11/2013
Spiller Name:	Not reported
Spiller Company:	NYC DOS
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ZHITOMIRSKY"The spill is referred to spill # 8809462. The site is currently under remediation by LiRo Engineers. - II (03/02/05).4/28/05- Reviewed the monthly monitoring report-Jan/05. A multi-phase extraction system is in place and is performing well. Both vapor and water effluent are under compliance. A trace (.01 ft)of free product persists at one well only as revealed from monthly monitoring data. Quarterly groundwater sampling results show persistently decreasing trend and are close to under compliance. Soil sampling is done semiannually. Routine site monitoring to continue. 3 monthly electronic files have been installed in the eDoc Folder.- II6/6/05- Reviewed Feb/05 & Mar/05 monthly monitoring reports. The MPE system monitoring data shows that it is working effectively. Neither of the scheduled Quarterly GW sampling nor Semi-annual soil sampling were done during the monitoring period as they were not due in this period. All monitoring wells have become free from Free Product. Routine monitoring to continue as scheduled.- II7/22/05- Reviewed the Monthly Monitoring Report prepared by LiRo Engineers dated May 27, 2005. The report presents MPE system performance monitoring data for the month of April, 2004. The system monitoring data indicate that vacuum measurements were not taken at two monitoring wells and six (50%) extraction wells. This lack of readings prevents DEC from properly evaluating the system's effectiveness. Sent the above comment to DDC and LiRo via email. Installed the monthly monitoring reports for Feb., Mar. & Apr./05 in the eDoc Folder. - II8/23/05- Reviewed the May/05 monitoring report. The report presents MPE system operating data and GW sampling results for the month of May/05. Apprx. 0.3 lbs VOC was collected and the MPE system is functioning effectively.Monthly GW sampling could not be done on wells EW-6 & MW-8 due to deposits lining the inside of the drop tube and well EW-1 & MW-13 for being under water. Over all, the GW contamination has reduced substantially and four of the wells

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

sampled in May/05 still exceed NYSDEC quality criteria for one or more compounds. Routine monitoring will cintinue.- II.9/19/05- Reviewed the June & July/05 monthly monitoring reports. MPE system is operating effectively. Approx. 2.8 lb VOC was collected during July month which is very high compared to the June month. LiRo did not explain the reason. Quarterly GW sampling was not due during the monitoring period. Routine system monitoring will continue. - II.10/25/05- Reviewed the August/05 monitoring report. The MPE system collected about 0.5 lb VOC during the month and the last month's spike (2.8 lb) is said to be an anomally. Overall GW contamination at most wells has been significantly reduced. Low level Product has appeared in two wells and they have been sampled for fingerprint analysis. Of the four wells sampled, two wells were non-detect for STARS list compounds. Other two wells showed a very slight increase in TVOC contamination. However, routine monitoring will continue.- II11/18/05- Reviewed the Sept. & Oct/05 monthly monitoring reports. Product appearance in wells LW-1 & MW-1 have been found to be mineral spirit and hydraulic oil respectively by fingerprint analysis. In Sept. & Oct/05 the MPE system collected 4.2 lbs and 2.4 lbs of VOCs respectively. LiRo states this increase in influent VOC levels during the period due to system cleaning and drop tube adjustments which the contractor Franklin conducted during this period. GW sampling was not due during this two months of monitoring period. LiRo recommends to continue operation of the MPE system with improved induced vacuum. LiRo also recommends installation of passive skimmers in two wells having product. LiRo's recommendation for passive skimmers installation and plan for next round of annual soil sampling four borings) are approved with an additional boring to be located in the vicinity of GPR-13. Filed the monthly reports in the eDoc folder.- II01/31/06: This spill transferred from Imdad to Q.Abidi.Reviewed November/05 monthly monitoring report. Quarterly groundwater sampling was not performed during this monitoring period. On Dec.6, 2005 Liro pumped out wells LW-1 and MW-1 with a vacuum truck, removing 1,412 gallons of contaminated fluids, of which an estimated 14 gallons was free product. Liro recommends to continue the system operation. No response letter necessary.- QA02/07/06: Reviewed December/05 Monthly monitoring report. Quarterly groundwater sampling was not performed during the monitoring period. LiRo recommends that the vacuum truck should return to the site to treat wells LW-1 and MW-1. Site is being transferred to Greyhawk. Data show decrease in induced vacuum levels, possibly indicating a line blockage.Liro suggest New CM should evaluate the site and determine whether system should be cleaned, or shut down and only use a vacuum truck on LW-1 and MW-1. Filed the monthly report in the eDoc folder.- QA08/18/06: Transferred to S.Kraszewski. According to URS Bi-monthly update report Rouc performed GW sampling and gauging on April 5, 2006. VOCs detected range from 6 ppb to 532 ppb. SVOCs were below detection. Monthly gauging on May 5, 2006 revealed 0.22 ft of product in LW-02 and 0.01 ft in LW-01. On June 15, 2006 no free product in LW-02 and 0.01 ft of product in LW-01. An absorbent sock was placed in LW-01. - SK08/31/06: Reviewed Quarterly O&M and MOnitoring Report for April-June 2006 submitted on July 7, 2006 by Greyhawk/Roux. On April 5, 2006 Roux gauged and monitoring wells EW-1, EW-4, EW-6, EW-9, LW-1 and LW-2. Gauging occured on May 5 and June 15 as well. GW flow direct was determined to be southernly. No free product in April, but 0.01 ft for LW-1 and 0.22 ft for LW-2 in May. In June, LW-1 had 0.01 ft. All six MWs revealed VOCs ranging from 6 ppb to 532 ppb with

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

several TAGM exceedances. No SVOCs detected in GW. Greyhawk plans on contiuing quarterly GW sampling but recommends reducing the gauging and free product removal frequency from monthly to quarterly visits.Low PID readings for influent and effluent air. However, influent air TVOCs reveal 3250 ug/m^3 in April and 877 ug/m^3 in June. Since the system is still effectively removing volatiles Greyhawk recommends contiued operation and maintenance of the MPE system. They will attempt to increase the vacuum in EW-3 and EW-12. SK called Andris Ledins at Greyhawk (718-943-1100.) Left a message to call back. - SK10/27/06 Spill case transferred from S. Kraszewski to J. Maisonave. - JAM5/31/07 Reviewed Quarterly Monitoring Report for July through September 2006 submitted by Roux and dated Nov. 10, 2006. Free phase product was detected in wells LW-02 (0.01 foot) and product sheen detected in EW-06 on July 20, 2006. During the previous quarterly monitoring period (April through June 2006), free product was detected in well LW-01 (0.01 ft) and LW-02 (0.22 ft). Groundwater samples were collected from wells on the quarterly schedule (more wells are sampled on an annual schedule at this site) and the highest level of TVOCs was 693ug/L in LW-01. The MPE system continues to run however restricted vacuum readings have been observed in multiple monitoring wells and ventilation wells.6/11/07 Reviewed Quarterly Monitoring Report for October Through December 2006 submitted by Roux and dated March 15, 2007. Free-phase product was detected in wells LW-02 (0.10 ft) and EW-06/MW-08 (0.15 ft) and product sheen was observed in LW-01 during the October gauging event. Wells EW-06/MW-08 was not gauges in December because of a DOS truck was obstructing and LW-01 and LW-02 had petroleum absorbent socks which were removed. Groundwater samples were collected from wells on the quarterly schedule and the highest level of TVOCs was 261ug/L in LW-01. The MPE system has had an uptime of approximately 80 percent during this monitoring period. However, the system has been hampered by the decreased inlet header vacuum, which resulted in the system's inability to extract groundwater and expose the smear zone.Attached in the appendices were an Enhanced Bioremediation Work Plan and Additional Site Investigation Work Plan. The Enhanced Bioremediation Work Plan proposed injecting a bacteria/enzyme mixture at wells LW-01, LW-02 and MW-16. These wells would be monitored to evaluate the effectiveness of the injection. I requested that EW-07/MW-09 be included in the monitoring program and approved the work plan.The Additional Site Investigation Work Plan proposed the advancement of seven soil borings in locations as shown in Figure 8. I requested that the new borings be advanced as close as possible to the original soil samples collected at the beginning of the site investigation and approved the work plan.Additional recommendations to the O&M Procedures are as follows:1) Convert MPE system to SVE system2) Reduce frequency of the quarterly groundwater monitoring program to semi-annual3) Reduce frequency of gauging from monthly to quarterly4) Remove SVOCs from the groundwater sampling program5) Remove wells EW-05, MW-12 and MW-15 from the groundwater sampling program.Recommendations 1, 3, 4, and 5 were approved. Since a new remedy is being implemented at the site groundwater monitoring should continue on a quarterly basis for several more round. The reduction of monitoring frequency from quarterly semi-annual will be reevaluated at a later date. A letter was sent today with these approvals and can be found in edocs. - JAM3/3/08 Reviewed Quarterly O&M and Monitoring Report for period January through June 2007 submitted by Roux and dated September 18, 2007. MPE system operated

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

at the site and as currently configured the MPE system is not operating efficiently to remediate residual soil and groundwater. Groundwater samples were collected from select wells in January and April 2007 for VOCs and SVOCs. No SVOCs were detected in any wells and TVOCs were observed ranging from ND to 84ug/L. Roux states the MPE system has effectively reduced levels of free product and residual soil and groundwater contamination.During the next monitoring event Roux will conduct quarterly monitoring, implement the approved bioremediation WP and convert the MPE system to an SVE system. - JAM6/10/08 Spoke to Brian Morrissey at Roux. He said the DOS is terminating their lease and moving from the site. They will maintain liability for the spill. Several tanks on the site will be closed. The In-situ Bioremediation work plan should be implimented soon. The MPE system will also be converted to an SVE system. I have received emails from Envirotrac notifying the DEC that the MPE system has been shut down due to a faulty solenoid valve. The valve will be replaced and the extimated down time is 1 week. - JAM6/23/08 Spill number 0001698 was closed and consolidated with this spill number. Hoist oil was observed in several wells which has been evacuated or removed by petroleum absorbent sock. I added Hoist Oil to the material list on this spill case.I called Brian Morrissey and let him know that spill number 0001698 was closed and consolidated with this spill. - JAM7/28/08 Reviewed Quarterly Monitoring Report for period July 2007 through May 2008 submitted by Roux and dated June 24, 2008. The MPE system operated at the site with an uptime of 81 percent. As configured the MPE system is not operating effectively and needs optimization. Free product was detected in 4 of the on-site monitoring wells with a max thickness of 0.38feet in well EW-09/MW-03. Product identified as hydraulic oil or heavy lubricating oil. VOCs were detected in several wells with the max detection during the reporting period of 512ug/L in LW-01 in July 2007.Roux advanced six soil borings as per the approved work plan to a depth ranging between 24 to 31 feet. VOCs were detected in 4 of the six borings with a max of 249400ppb in RXSB-02 from interval 19-21fbs.Roux recommends the following:1. Continue quarterly groundwater monitoring program.2. Continue using petroleum absorbent socks in wells LW-01 and LW-02.3. Conduct a soil investigation (as proposed in Appendix E) near the three UST areas in the south-southwester part of the site.4. Optimize the MPE system performance.I sent an email today approving these recommendations. A work plan should be submitted in a separate letter for approval that describes the optimization of the current MPE system in more detail. The letter should include a process and instrumentation diagram and a site diagram showing the additional extraction points. The report and email are uploaded to eDocs. - JAM9/12/08 Received an email from Tom Hug at Envirotrac. The MPE system was shut down because the discharge line has become clogged and the system is shutting down on a "high water alarm." As soon as the blockage is cleared the system will be restarted. Estimated downtime is 1 week. - JAM5/12/10 Received an email from Stephen Frank at LiRo and Fatemah Ashkan at the NYCDDC. LiRo proposed a conceptual remedy, which includes excavation and removal of USTs on-site as well as injecting chemical oxidants to treat smear zone and groundwater contamination. I sent a reply email stating that, "The proposed approach is acceptable; however, a remedial action work plan (RAWP) must be submitted to the DEC for approval. The RAWP should include a detailed description of the proposed excavation/tank removal work with figures showing the

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

proposed excavation limits and an end-point soil sampling plan. The RAWP should also include a chemical oxidant injection plan with a detailed description of the chemical oxidant to be used, how the chemical oxidant will be applied and a monitoring plan to evaluate the effectiveness of the remedy." I also notified them that the EPA Underground Injection Control Program needs to be notified and an application must be submitted to perform the chemical oxidant injections. - JAM6/25/10 Reviewed the Proposed Site Pre-Design Investigation Work Plan for the above referenced site submitted by LiRo Engineers, Inc. (LiRo) dated June 16, 2010. The work plan was prepared for the tanks located on the adjacent property at 314 Rutledge Street and proposes advancing nine soil borings and installing two groundwater monitoring wells. The purpose is to locate the three previously abandoned tanks and delineate soil and groundwater contamination, and to determine the limits of the planned soil excavation and design a chemical oxidation injection program, which constitute the remedial strategy approved by the NYSDEC via email on May 12, 2010. The work plan is uploaded to eDocs.I issued a letter today approving this work plan. A summary report including appropriate diagrams, soil boring logs, well construction logs, and tables summarizing soil and groundwater analytical data should be submitted to the NYSDEC for review. A detailed remedial action plan based on the findings of this investigation should also be included for review and approval. Letter uploaded to eDocs. - JAM11-10-2010 The spill was transferred from J. Maisonave to Alex Zhitomirsky, as per V. Brevdo/J. Kolleeny. AZ2-14-2011 Reviewed revised additional soil and geophysical investigation summary report and remedial action work plan dated 10/13/2010 and received from J. Kolleeny on Dec. 20, 2010. The plan proposed an in-situ chemical oxidation system to treat smear zone and phreatic zone at 314 Rutledge St. Also, the plan proposed excavation of the remaining USTs and excavation of the remaining residual soil contamination and injections of a metal solution, hydrogen peroxide, and a biological treatment at 306 Rutledge Street. An e-e-mail was sent to S. Frank, V.Brevdo and F. Ashkan:"I have reviewed a Revised Soil and Geophysical Summary Report and Remedial Action Work Plan dated October 13, 2010. The Work Plan is approved. The Responsible Party and Contractors are responsible for the safe execution of the Work Plan." AZ8-18-2011 The following e-mail was received from S. Frank (LiRo) on 8/18/2011: "At the Quarterly meeting we discussed Brooklyn 3/3A. As you know, NYCDOS moved out of the leased site several years ago. There is currently litigation over rent payments and site impacts that have been ongoing between the property owners and NYC. To complicate matters, the former DOS site includes two separate properties (306 Rutledge and 314 Rutledge) that are owned by two different parties. Both parties are separately in litigation with the City. The City is committed to remediating both properties, but in the past, all site contamination was being addressed under a common spill number associated with fuel oil releases on the 306 Rutledge property. We have acquired Sanborn Fire Insurance maps that show that the 314 site had historically been used for dry cleaning and the historical mapping shows "solvent tanks" in the portion of the site where the contamination was identified as mineral spirits (see attached Sanborn Map). A mineral spirits derivative was historically used for dry cleaning. The City has inquired if it would be possible to open a separate spill number for the mineral spirits release at the 314 Rutledge Street property. At the meeting, Vadim indicated that NYSDEC would review the site

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

information and advise DDC with regard to opening a new spill for mineral spirits at 314 Rutledge Street. I was wondering if you have had an opportunity to discuss this issue with him." AZ8/22/2011 The following e-mail was sent by S. Frank (LiRo) to Vadim Brevdo and AZ on 8/22/2011: "Dear Mr. Brevdo,I am writing to follow-up on our quarterly meeting conversation regarding the former use of 314 Rutledge Street for Dry Cleaning and the identification of a mineral spirits release. Mr. Alex Zhitomirsky called me to inquire weather chlorinated dry cleaning hydrocarbon compounds (i.e., tetrachloroethene and/or its breakdown products) were present. LiRo tested for full Target Compound List (TCL) volatile organic compounds during our February 2011 groundwater sampling of wells in the area of concern (314 Rutledge and 306 Rutledge at the common wall with 314 Rutledge) and the results are summarized in the attached table. Based on the February 2011 sampling, there is no evidence that chlorinated compounds are present in groundwater and all samples showed a chemical identification of mineral spirits. Thank you for your attention to this matter and do not hesitate to contact me if your office needs additional information." AZ10/26/2011 An e-mail with the information regarding the Owner of "314 Rutledge, LLC. Contact info: c/o Abraham Glanzer, 718 855-9100. Mailing address: Edith Kahan and/or Abraham Glanzer, 170 Hewes St, Brooklyn, NY 11211."AZ10/31/2011 Discussed this site w/V. Brevdo. Contacted S. Frank of LiRo and requested a technical memo which will summarize all information related to a mineral spirits spill.12-13-2011 Received an email from S. Frank:"Dear Alex, I wanted to update you on the status of remedial work at Brooklyn 3/3A. We are installing injection wells for the ISCO work at both properties (314 Rutledge and 306 Rutledge) as well as removing tanks that were formerly closed in place in the building interior at 306 Rutledge. In conjunction with the tank removal work, we are over-excavating contaminated soil to the extent possible. We are hoping to finish the well installation and tank removal work this week. We expect the ISCO injection work will begin within a couple of weeks after the well installations are completed." AZ2-13-2012 Reviewed and discussed with V. Brevdo a report by LiRo Former DSNY Brooklyn 03/3a Garage Request for spill number for mineral spirits released at 314 Rutledge. The report states that contamination at 314 Rutledge is a different spill and plume from 206 Rutledge. A spill at 306 Rutledge is allegedly caused by mineral spirits. According to the report, this site was a dry cleaning operation between 1947 and 1965. The Sanborn maps indicate the presence of solvent tanks located along eastern wall of 314 Rutledge which is adjacent to the 306 Rutledge Street property. Petroleum based mineral spirits (Stoddard solvent was historically used in dry cleaning operations. Soil and groundwater investigation completed by EBC (contractor working for 314 Rutledge owner) at 314 Rutledge in 2008 indicated petroleum related VOC in soil and groundwater. EBC recommended the DEC Hotline be notified, however, it was not done. Free phase product fingerprint analysis for the sample from MW-18 (located at 314 Rutledge) identified the product as mineral spirits. Routine groundwater sampling completed in February 2011 from 314 Rutledge wells MW-17 and MW-18 indicated petroleum identification as mineral spirits. DSNY records indicate that petroleum fuel storage and fueling operations were never conducted by DSNY at the 314 Rutledge parcel.However, PBS records indicate that there are three 1,500 gal tanks closed and registered by DSNY in 2000. Product stored indicated as gasoline. This discrepancy must be resolved. S. Frank

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

indicated that these tanks were filled with concrete and will be excavated by LiRo. I requested to attempt fingerprinting any remaining product or sludge in the tanks in question. Also, the tanks design should be described. The Sanitation is leasing this site from 1993. LiRo should submit tank inspection results. LiRo should submit any information supporting statement that DSNY did not use 314 Rutledge for fueling or storage. LiRo should include fingerprint analysis of the alleged mineral spirits. The site was discussed with J. Urda. It was decided that V. Brevdo will contact A. Samani and request a conference call with a City lawyer AZ10-3-2012 LiRo issued a report in August 2011, stating that Empire Environmental conducted the tank removal and remedial soil excavation work at 306 Rutledge from December 2011 to January 2012. The report was uploaded to e-docs. AZ10-4-2012 According to LiRo's report dated January 8, 2012, tanks 009, 010 and 011 are 1,500-gallon gasoline USTs which were closed in place at 314 Rutledge in 2000. These tanks were registered as gasoline tqanks. However, according to DSNY records, petroleum fuel was not stored and petroleum fuel operations were not conducted at the 314 Rutledge parcel. The results of geophysical investigation did not indicate the presence of USTs beneath the site. In October 2010, free phase product was observed in 314 Rutledge St. well MW-18. Fingerprint analysis identified the product as mineral spirits. Soil and groundwater contamination are present at 314 Rutledge. However, in the report dated August 8, 2012, LiRo stated that they located and removed previously closed in place mineral spirits tanks at 314 Rutledge Street parcel. A report for the 314 Rutledge Street tank removal will be submitted to DEC under separate cover. Discussed the site with V. Brevdo. AZ1-2-2013 Reviewed LiRo's report dated August 8, 2012. According to the report, Spill#9200212 was opened in in 1992 due to the release of gasoline and hoist oil in the southern portion of the 306 Rutledge parcel of the site. Underground storage tanks (USTs) and aboveground storage tanks (ASTs) used by DSNY for storing gasoline and hoist oil include three 550-gallon USTs (Tanks 012, 013, and 0140, one hoist oil UST and one hoist oil AST). Multi-phase extraction system was made operational in 2002 and shut down in 2008 because of operational issues. The proposed remedial plan included soil/UST excavation to address spill#92002112 in the 306 Rutledge portion of the site. In addition, the plan proposed chemical oxidation to treat mineral spirits contamination supposedly coming from the historic dry cleaning operation at 314 Rutledge. 1-11-2013 A CSL was sent to C/O GLanzer 170 Hewes Street, Brooklyn, NY 11211. Copies were sent to J. Urda/V. Brevdo. AZ

Remarks: U.G. TANK INSIDE BLDG, NOT USED FOR 10 YEARS. EXCAV. FOR NEW FLOOR, DISCOVERED CONTAMINATED SOIL. SHOULD BE CHECKED ASAP, PLAN TO POUR NEW FLOOR SOON.

Material:

Site ID:	292895
Operable Unit ID:	964234
Operable Unit:	01
Material ID:	415034
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No

BROOKLYN NORTH 03/03A DOS -DDC (Continued) **S104621574**

Resource Affected:	Not reported
Oxygenate:	False
Site ID:	292895
Operable Unit ID:	964234
Operable Unit:	01
Material ID:	2148028
Material Code:	1096A
Material Name:	HOIST OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

207
West
1/4-1/2
0.460 mi.
2429 ft.

CLOSED-LACKOF RECENT INFO **NY LTANKS** **S106703218**
204 WALLABOUT ST **N/A**
BROOKLYN, NY

Relative:
Lower

Actual:
11 ft.

LTANKS:

Site ID:	324576
Spill Number/Closed Date:	8801005 / 3/5/2003
Spill Date:	5/2/1988
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	5/2/1988
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/5/1988
Spill Record Last Update:	3/25/2004
Spiller Name:	Not reported
Spiller Company:	NEW ERA KNITTING MILLS
Spiller Address:	204 WALLABOUT
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

CLOSED-LACKOF RECENT INFO (Continued) **S106703218**

DER Facility ID:	261444
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ADMIN.CLOSED"03/05/2003- Closed Due To The Nature / Extent Of The Spill Report
Remarks:	2500 GALLON TANK FAILED WITH A LEAK RATE OF -.197GPH, INITIAL SYSTEM PETRO TITE TEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEANUP REQUIREMENTS.

Material:

Site ID:	324576
Operable Unit ID:	918001
Operable Unit:	01
Material ID:	460161
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	324576
Spill Tank Test:	1533813
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

208
WSW
1/4-1/2
0.466 mi.
2458 ft.

Relative:
Higher

Actual:
18 ft.

COMMERCIAL BUILDING **NY LTANKS** **S108467904**
544 PARK AVE **N/A**
BROOKLYN, NY

LTANKS:

Site ID:	378545
Spill Number/Closed Date:	0613501 / 7/1/2008
Spill Date:	3/15/2007
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	3/15/2007
CID:	410

COMMERCIAL BUILDING (Continued) **S108467904**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/15/2007
Spill Record Last Update:	7/1/2008
Spiller Name:	MATT
Spiller Company:	COMMERCIAL BUILDING
Spiller Address:	544 PARK AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	MATT
Spiller Phone:	(631) 234-4273
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	328078
DEC Memo:	3/27/07 bf: Spoke with Matt of Associated Environmental (631)234-4273. Expoxy patch from previous repair at top of tank was problem. Tank is AST. They plan on having the tank cleaned out, inspected, remove epoxy, and weld a steel patch to tank. Then tank will be tightness tested. They plan on starting work next week. One problem is getting a tanker to be dedicated to the building while the repairs are made. Petroleum Tank Cleaners will be doing repairs and testing in conjunction with Associated. Sent ttf letter to:David Rochlitz544 Park AvenueBrooklyn, NY 112057/13/07 On 7/12/07, received call from Antionette Ollivierre of American Environmental Associates and Solutions (718)209-0653. She requested a call back. Called her back today. I faxed her a copy of the ttf letter dated 3/27/07. fax:(718)622-5807. bf9/20/07 Received call from Aron Weinstein tesla Environmental 732-904-4618. Called him back at 2:45 PM. He will send email letting me know where project stands. Tank is encased in concrete and there may be structural concerns regarding the building. A Phase II was done on the property and eight borings were done. I told him I need to see those. I asked him why the tank failed and he could not answer except that the Horner EZ 3 should not be allowed. He was on a cell phone and was hard to hear. bf11/13/07 On 11/8/07, received call from Donna of ABC Tank. Ph.(718)272-2800 Fax.(718)272-3147. She requested any paperwork regarding the spill. I sent her the ttf letter and the spill report. Called her back, but she is not in until Thursday. bf3/4/08 Site inspected on 2/29/08. NOV issued. Received call to day from John of Gianco (contractor doing tank test/repair). I faxed ttf letter to him. Fax: (631)952-5975. bf4/2/08 Signed order hand-delivered with check for $1100 panalty. bf4/30/08 Received faxed letter on 4/9/08 from John Sinatra of Gianco, dated 4/8/08, to Robert Hoffman. Tank passed pressure test over the weekend holding 7 pounds of air. No contamination was found on, near, or surrounding the tank. It is his belief that the tank can be out online as a backup.6/19/08 Called Robert Hoffman requesting tank test report. He faxed letter to close spill, not report. Sent tt return letter to him since document is not a tank test report. bf7/1/08 Received passing test report on 6/30/08. NFA. bf
Remarks:	CONTACT IS FROM COMPANY THAT HIRED CALLER TO PERFORM TANK TEST: MATT FROM ASSOCIATED ENVIRONMENTAL

COMMERCIAL BUILDING (Continued) **S108467904**

Material:

Site ID:	378545
Operable Unit ID:	1136045
Operable Unit:	01
Material ID:	2125975
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	378545
Spill Tank Test:	1550709
Tank Number:	001
Tank Size:	13000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	3/15/2007
Test Method:	Horner EZ Check I or II

209
SSW
1/4-1/2
0.478 mi.
2524 ft.

Relative:
Higher

Actual:
30 ft.

35-A VERNON BLVD. **NY LTANKS** **S100494280**
35-A VERNON BLVD **N/A**
BROOKLYN, NY

LTANKS:

Site ID:	220840
Spill Number/Closed Date:	9209065 / 11/6/1992
Spill Date:	11/5/1992
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	11/6/1992
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	11/5/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	11/5/1992

35-A VERNON BLVD. (Continued) **S100494280**

Spill Record Last Update:	11/10/1992
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	182655
DEC Memo:	Not reported
Remarks:	CUST. REPORTED OIL LEAK-SVCMN FOUND BAD FUEL LINE-MADE TEMP.REPAIR-SPEEDI-DRI APPLIED-WILL FOLLOW -UP

Material:

Site ID:	220840
Operable Unit ID:	975817
Operable Unit:	01
Material ID:	406130
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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210 West 1/4-1/2 0.480 mi. 2533 ft.

TECHTRONICS ECOLOGICAL CORP
8 WALWORTH ST
NEW YORK, NY 11205

CORRACTS **1000244308**
RCRA NonGen / NLR **NYD000824334**
NY MANIFEST

Relative: Lower

Actual: 13 ft.

CORRACTS:

EPA ID:	NYD000824334
EPA Region:	02
Area Name:	SITEWIDE
Actual Date:	19940802
Action:	CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s):	32551 Paint and Coating Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD000824334
EPA Region:	02
Area Name:	SITEWIDE
Actual Date:	19851122

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Action: CA050 - RFA Completed
NAICS Code(s): 32551
Paint and Coating Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: TECHTRONICS ECOLOGICAL CORP
Facility address: 8 WALWORTH ST
NEW YORK, NY 11205
EPA ID: NYD000824334
Mailing address: FLUSHING AVE
BROOKLYN, NY 11205
Contact: Not reported
Contact address: FLUSHING AVE
BROOKLYN, NY 11205
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: TECHTRONICS ECOLOGICAL CORP
Owner/operator address: 501 FLUSHING AVE
OPERCITY, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 624-5240
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: TWELVE WALWORTH STREET CORP
Owner/operator address: 501 FLUSHING AVE
BROOKLYN, NY 11205
Owner/operator country: US
Owner/operator telephone: (212) 624-5240
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: TECHTRONICS ECOLOGICAL CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: TECHTRONICS ECOLOGICAL CORP
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Facility name: TECHTRONICS ECOLOGICAL CORP
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: TECHTRONICS ECOLOGICAL CORP
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 11/22/1985
Event: RFA Completed

Event date: 08/02/1994
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/13/1988
Date achieved compliance: 06/06/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 03/30/1988
Date achieved compliance: 04/30/1988
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 01/15/1987
Date achieved compliance: 01/17/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/15/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 08/28/1986
Date achieved compliance: 04/30/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/11/1986
Date achieved compliance: 08/28/1986
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/11/1986
Date achieved compliance: 04/30/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/16/1985
Date achieved compliance: 07/16/1986
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 875
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 09/16/1985
Date achieved compliance: 07/16/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/16/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 05/16/1985
Date achieved compliance: 01/17/1987
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 05/16/1985
Date achieved compliance: 07/16/1986
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/21/1985
Date achieved compliance: 06/06/1990
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/01/1984
Date achieved compliance: 06/08/1984
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/11/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Manifest
Date violation determined: 03/31/1984
Date achieved compliance: 10/04/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 03/09/1984
Date achieved compliance: 11/21/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/20/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 12/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1990
Evaluation lead agency: State

Evaluation date: 03/30/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/30/1988
Evaluation lead agency: EPA

Evaluation date: 05/27/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/13/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 02/13/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/15/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 01/17/1987
Evaluation lead agency: State

Evaluation date: 01/06/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 08/28/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 04/30/1988
Evaluation lead agency: State

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Evaluation date: 03/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/30/1988
Evaluation lead agency: State

Evaluation date: 03/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/28/1986
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 09/16/1985
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - Manifest
Date achieved compliance: 07/16/1986
Evaluation lead agency: State

Evaluation date: 05/16/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 07/16/1986
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 05/16/1985
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Manifest
Date achieved compliance: 01/17/1987
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 02/21/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1990
Evaluation lead agency: EPA

Evaluation date: 02/21/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/01/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 06/08/1984
Evaluation lead agency: EPA

Evaluation date: 03/31/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 10/04/1985
Evaluation lead agency: State

Evaluation date: 03/09/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Date achieved compliance: 11/21/1984
Evaluation lead agency: State

NY MANIFEST:
EPA ID: NYD000824334
Country: USA
Mailing Name: TECHTRONICS ECOLOGICAL
Mailing Contact: CARL LING-GENERAL MANAGER
Mailing Address: 501 FLUSHING AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11205
Mailing Zip4: 1610
Mailing Country: USA
Mailing Phone: 718-522-3838

Document ID: NYO3019599
Manifest Status: Completed copy
Trans1 State ID: 7087AC
Trans2 State ID: Not reported
Generator Ship Date: 830628
Trans1 Recv Date: 830628
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830628
Part A Recv Date: 030713
Part B Recv Date: 030713
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019689
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 830711
Trans1 Recv Date: 830711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830711
Part A Recv Date: 030728
Part B Recv Date: 030728
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NJD991291063
Waste Code: F003 - UNKNOWN
Quantity: 06800

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO3019815
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 830718
Trans1 Recv Date: 830718
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830719
Part A Recv Date: 030802
Part B Recv Date: 030802
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019833
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 830721
Trans1 Recv Date: 830721
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830721
Part A Recv Date: 030802
Part B Recv Date: 030802
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3010491

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Manifest Status:	Completed copy
Trans1 State ID:	JA-071
Trans2 State ID:	Not reported
Generator Ship Date:	831025
Trans1 Recv Date:	831025
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831025
Part A Recv Date:	031031
Part B Recv Date:	031031
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	05500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010653
Manifest Status:	Completed copy
Trans1 State ID:	JA148
Trans2 State ID:	Not reported
Generator Ship Date:	831107
Trans1 Recv Date:	831107
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831108
Part A Recv Date:	031116
Part B Recv Date:	031116
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD099287484
Trans2 EPA ID:	Not reported
TSDF ID:	VAD098443443
Waste Code:	F003 - UNKNOWN
Quantity:	05000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010716
Manifest Status:	Completed copy
Trans1 State ID:	JA148
Trans2 State ID:	Not reported
Generator Ship Date:	831110
Trans1 Recv Date:	831110
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831111
Part A Recv Date:	031205
Part B Recv Date:	031205

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD099287484
Trans2 EPA ID: Not reported
TSDF ID: VAD098443443
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3010725
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 831114
Trans1 Recv Date: 831114
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831115
Part A Recv Date: 031206
Part B Recv Date: 031206
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019059
Manifest Status: Completed copy
Trans1 State ID: JA-071
Trans2 State ID: Not reported
Generator Ship Date: 830524
Trans1 Recv Date: 830524
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830524
Part A Recv Date: 030601
Part B Recv Date: 030601
Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD991291063
Trans2 EPA ID: Not reported
TSDF ID: NJD991291063
Waste Code: F003 - UNKNOWN
Quantity: 06000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO3019131
Manifest Status: Completed copy
Trans1 State ID: 1A808
Trans2 State ID: Not reported
Generator Ship Date: 830527
Trans1 Recv Date: 830527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830527
Part A Recv Date: 030607
Part B Recv Date: 030607
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019185
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 830610
Trans1 Recv Date: 830610
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830610
Part A Recv Date: 030620
Part B Recv Date: 030620
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019383
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Generator Ship Date:	830614
Trans1 Recv Date:	830614
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830614
Part A Recv Date:	030620
Part B Recv Date:	030620
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019482
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830622
Trans1 Recv Date:	830622
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830622
Part A Recv Date:	030713
Part B Recv Date:	030713
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010086
Manifest Status:	Completed copy
Trans1 State ID:	NY1A014
Trans2 State ID:	Not reported
Generator Ship Date:	830929
Trans1 Recv Date:	830929
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830929
Part A Recv Date:	031007
Part B Recv Date:	031007
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD037056132
Trans2 EPA ID:	Not reported

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

TSDF ID:	NYD000632232
Waste Code:	F003 - UNKNOWN
Quantity:	06074
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010266
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	831011
Trans1 Recv Date:	831011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831011
Part A Recv Date:	031021
Part B Recv Date:	031021
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010311
Manifest Status:	Completed copy
Trans1 State ID:	JA-071
Trans2 State ID:	Not reported
Generator Ship Date:	831017
Trans1 Recv Date:	831017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831017
Part A Recv Date:	031028
Part B Recv Date:	031028
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	05500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Document ID:	NYO3010455
Manifest Status:	Completed copy
Trans1 State ID:	NYJA071
Trans2 State ID:	Not reported
Generator Ship Date:	831024
Trans1 Recv Date:	831024
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831024
Part A Recv Date:	031031
Part B Recv Date:	031031
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010932
Manifest Status:	Completed copy
Trans1 State ID:	JA148
Trans2 State ID:	Not reported
Generator Ship Date:	831122
Trans1 Recv Date:	831122
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831123
Part A Recv Date:	031212
Part B Recv Date:	031212
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD099287484
Trans2 EPA ID:	Not reported
TSDF ID:	VAD098443443
Waste Code:	F003 - UNKNOWN
Quantity:	05000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3080745
Manifest Status:	Completed copy
Trans1 State ID:	7087AC
Trans2 State ID:	Not reported
Generator Ship Date:	830908
Trans1 Recv Date:	830908
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830908
Part A Recv Date:	030926

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Part B Recv Date:	030926
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3080826
Manifest Status:	Completed copy
Trans1 State ID:	NYJA074
Trans2 State ID:	Not reported
Generator Ship Date:	830914
Trans1 Recv Date:	830914
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830914
Part A Recv Date:	030923
Part B Recv Date:	030923
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	05500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Click this hyperlink while viewing on your computer to access
565 additional NY_MANIFEST: record(s) in the EDR Site Report.

EPA ID:	NYD002401537
Country:	USA
Mailing Name:	CONTINENTAL TECHNICAL FINISHERS CORP
Mailing Contact:	FLEISHER GERALD PRES
Mailing Address:	495 FLUSHING AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11205
Mailing Zip4:	1610
Mailing Country:	USA
Mailing Phone:	212-624-5240

Document ID:	NYO3019599
Manifest Status:	Completed copy

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Trans1 State ID:	7087AC
Trans2 State ID:	Not reported
Generator Ship Date:	830628
Trans1 Recv Date:	830628
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830628
Part A Recv Date:	030713
Part B Recv Date:	030713
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019689
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830711
Trans1 Recv Date:	830711
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830711
Part A Recv Date:	030728
Part B Recv Date:	030728
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019815
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830718
Trans1 Recv Date:	830718
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830719
Part A Recv Date:	030802
Part B Recv Date:	030802
Generator EPA ID:	NYD000824334

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3019833
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 830721
Trans1 Recv Date: 830721
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830721
Part A Recv Date: 030802
Part B Recv Date: 030802
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NYD080469935
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3010491
Manifest Status: Completed copy
Trans1 State ID: JA-071
Trans2 State ID: Not reported
Generator Ship Date: 831025
Trans1 Recv Date: 831025
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831025
Part A Recv Date: 031031
Part B Recv Date: 031031
Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD991291063
Trans2 EPA ID: Not reported
TSDF ID: NJD991291063
Waste Code: F003 - UNKNOWN
Quantity: 05500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Specific Gravity: 100
Year: 83

Document ID: NYO3010653
Manifest Status: Completed copy
Trans1 State ID: JA148
Trans2 State ID: Not reported
Generator Ship Date: 831107
Trans1 Recv Date: 831107
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831108
Part A Recv Date: 031116
Part B Recv Date: 031116
Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD099287484
Trans2 EPA ID: Not reported
TSDF ID: VAD098443443
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3010716
Manifest Status: Completed copy
Trans1 State ID: JA148
Trans2 State ID: Not reported
Generator Ship Date: 831110
Trans1 Recv Date: 831110
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831111
Part A Recv Date: 031205
Part B Recv Date: 031205
Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD099287484
Trans2 EPA ID: Not reported
TSDF ID: VAD098443443
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3010725
Manifest Status: Completed copy
Trans1 State ID: 1A008
Trans2 State ID: Not reported
Generator Ship Date: 831114

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Trans1 Recv Date:	831114
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831115
Part A Recv Date:	031206
Part B Recv Date:	031206
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019059
Manifest Status:	Completed copy
Trans1 State ID:	JA-071
Trans2 State ID:	Not reported
Generator Ship Date:	830524
Trans1 Recv Date:	830524
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830524
Part A Recv Date:	030601
Part B Recv Date:	030601
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019131
Manifest Status:	Completed copy
Trans1 State ID:	1A808
Trans2 State ID:	Not reported
Generator Ship Date:	830527
Trans1 Recv Date:	830527
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830527
Part A Recv Date:	030607
Part B Recv Date:	030607
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019185
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830610
Trans1 Recv Date:	830610
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830610
Part A Recv Date:	030620
Part B Recv Date:	030620
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3019383
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830614
Trans1 Recv Date:	830614
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830614
Part A Recv Date:	030620
Part B Recv Date:	030620
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Document ID:	NYO3019482
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	830622
Trans1 Recv Date:	830622
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830622
Part A Recv Date:	030713
Part B Recv Date:	030713
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NYD080469935
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010086
Manifest Status:	Completed copy
Trans1 State ID:	NY1A014
Trans2 State ID:	Not reported
Generator Ship Date:	830929
Trans1 Recv Date:	830929
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830929
Part A Recv Date:	031007
Part B Recv Date:	031007
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD037056132
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632232
Waste Code:	F003 - UNKNOWN
Quantity:	06074
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010266
Manifest Status:	Completed copy
Trans1 State ID:	1A008
Trans2 State ID:	Not reported
Generator Ship Date:	831011
Trans1 Recv Date:	831011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831011
Part A Recv Date:	031021

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Part B Recv Date:	031021
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NYD990762742
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06800
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010311
Manifest Status:	Completed copy
Trans1 State ID:	JA-071
Trans2 State ID:	Not reported
Generator Ship Date:	831017
Trans1 Recv Date:	831017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831017
Part A Recv Date:	031028
Part B Recv Date:	031028
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	05500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Document ID:	NYO3010455
Manifest Status:	Completed copy
Trans1 State ID:	NYJA071
Trans2 State ID:	Not reported
Generator Ship Date:	831024
Trans1 Recv Date:	831024
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	831024
Part A Recv Date:	031031
Part B Recv Date:	031031
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	06000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO3010932
Manifest Status: Completed copy
Trans1 State ID: JA148
Trans2 State ID: Not reported
Generator Ship Date: 831122
Trans1 Recv Date: 831122
Trans2 Recv Date: Not reported
TSD Site Recv Date: 831123
Part A Recv Date: 031212
Part B Recv Date: 031212
Generator EPA ID: NYD000824334
Trans1 EPA ID: NJD099287484
Trans2 EPA ID: Not reported
TSDF ID: VAD098443443
Waste Code: F003 - UNKNOWN
Quantity: 05000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 83

Document ID: NYO3080745
Manifest Status: Completed copy
Trans1 State ID: 7087AC
Trans2 State ID: Not reported
Generator Ship Date: 830908
Trans1 Recv Date: 830908
Trans2 Recv Date: Not reported
TSD Site Recv Date: 830908
Part A Recv Date: 030926
Part B Recv Date: 030926
Generator EPA ID: NYD000824334
Trans1 EPA ID: NYD990762742
Trans2 EPA ID: Not reported
TSDF ID: NJD991291063
Waste Code: F003 - UNKNOWN
Quantity: 06800
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DT - Dump trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 83

Document ID: NYO3080826
Manifest Status: Completed copy
Trans1 State ID: NYJA074

TECHTRONICS ECOLOGICAL CORP (Continued) **1000244308**

Trans2 State ID:	Not reported
Generator Ship Date:	830914
Trans1 Recv Date:	830914
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	830914
Part A Recv Date:	030923
Part B Recv Date:	030923
Generator EPA ID:	NYD000824334
Trans1 EPA ID:	NJD991291063
Trans2 EPA ID:	Not reported
TSDF ID:	NJD991291063
Waste Code:	F003 - UNKNOWN
Quantity:	05500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	83

Click this hyperlink while viewing on your computer to access
565 additional NY_MANIFEST: record(s) in the EDR Site Report.

AN211 **BORINQUEN HOUSES** **NY LTANKS** **U002034218**
NE **330 BUSHWICK AVENUE** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11206** **NY Spills**
0.482 mi.
2547 ft. **Site 1 of 2 in cluster AN**

Relative:
Higher

Actual:
17 ft.

LTANKS:

Site ID:	63348
Spill Number/Closed Date:	9601914 / 12/9/2005
Spill Date:	5/8/1996
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SWKRASZE
Referred To:	Not reported
Reported to Dept:	5/8/1996
CID:	233
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/8/1996
Spill Record Last Update:	12/9/2005
Spiller Name:	FRANK OCELO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	MANHATTAN, NY 10007-
Spiller County:	001
Spiller Contact:	Not reported

BORINQUEN HOUSES (Continued) **U002034218**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	61219
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.This spill closed to consolidate with opne spill #9613967.
Remarks:	TANK FAILED TANK RETEST PLANNED

Material:

Site ID:	63348
Operable Unit ID:	1029518
Operable Unit:	01
Material ID:	351709
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	63348
Spill Tank Test:	1544531
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

UST:

Id/Status:	2-601870 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589632.31215000001
UTM Y:	4506547.2012599995
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	23832
Affiliation Type:	On-Site Operator
Company Name:	BORINQUEN HOUSES
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

BORINQUEN HOUSES (Continued) **U002034218**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23832
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23832
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	FUEL OIL REMEDIATION COORDINATOR
Contact Name:	FUEL OIL REMEDIATION COORD.
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/30/2005

Site Id:	23832
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN

BORINQUEN HOUSES (Continued) **U002034218**

Date Last Modified: 9/21/2005

Tank Info:

Tank Number:	1
Tank ID:	48185
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	02/01/1975
Date Tank Closed:	07/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	21
Date Test:	10/17/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
I04 - Overfill - Product Level Gauge (A/G)
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

SPILLS:

Facility ID:	9613967
DER Facility ID:	61219
Facility Type:	ER
Site ID:	142069
DEC Region:	2
Spill Date:	3/14/1995
Spill Number/Closed Date:	9613967 / 10/28/2010
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	jkkann
Referred To:	Not reported
Reported to Dept:	2/28/1997
CID:	205
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

BORINQUEN HOUSES (Continued) **U002034218**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/28/1997
Spill Record Last Update:	10/28/2010
Spiller Name:	SAME
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY 16TH FLOOR
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	001
Contact Name:	FRANK OCELLO
Contact Phone:	(212) 306-3229
DEC Memo:	12/09/05: This spill transferred from J.Kolleeny to S.Kraszewski.02/08/07 : DEC lead changed from S. Kraszewski to J. Kann. J.Kann02/13/09: J.Kann - Discussed the site with Ivy Olberding of PW Grosser. A work plan will be prepared which will include the sampling of 9 existing monitoring wells and analysis for STARS VOCs and SVOCs.4/28/09: J.Kann - Draft work plan received on 2/25. Comments sent on 3/26. Final Work Plan received on 4/24 and approved on 4/27. 10/06/09: J.Kann - Site visit to observe gw sampling.1/27/10: J.Kann - ISR submitted on 1/20/10. Spill Closure request. Report needs to be reviewed.10/28/10: J.Kann - No VOCs or SVOCs were detected in soils. One grounwater well (out of nine) contained minor VOC exceedeances (n, Butylbenzene - 11.9 ppb). A quantitative exposure assessment was performed as per DER-10. According to the report, a complete exposure pathway does not exist. NFA.
Remarks:	TRC ENVIRONMENTAL INSTALLING WELLS FOR NYCHA FOUND FREE PRODUCT. ***FAXED FROM REGION

Material:

Site ID:	142069
Operable Unit ID:	1045376
Operable Unit:	01
Material ID:	339072
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

212
SE
1/4-1/2
0.483 mi.
2552 ft.

303 VERNON HOUSES -NYCHA
303 VERNON AVENUE
BROOKLYN, NY

NY LTANKS **S102238977**
NY Spills **N/A**

Relative:
Higher

Actual:
72 ft.

LTANKS:

Site ID:	65315
Spill Number/Closed Date:	9011525 / 7/28/1995
Spill Date:	2/1/1991
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	7/28/1995
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	2/1/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2/11/1991
Spill Record Last Update:	5/14/2004
Spiller Name:	Not reported
Spiller Company:	NYCHA
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	62761
DEC Memo:	Not reported
Remarks:	20K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK,WILL EXCAVATE, ISOLATE & RETEST. CLOSED - SEE SPILL # 9505160

Material:

Site ID:	65315
Operable Unit ID:	948546
Operable Unit:	01
Material ID:	428061
Material Code:	0002A
Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

303 VERNON HOUSES -NYCHA (Continued) **S102238977**

Tank Test:

Site ID:	65315
Spill Tank Test:	1538207
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

SPILLS:

Facility ID:	0006763
DER Facility ID:	62761
Facility Type:	ER
Site ID:	172534
DEC Region:	2
Spill Date:	9/7/2000
Spill Number/Closed Date:	0006763 / 10/30/2003
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	9/7/2000
CID:	322
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/7/2000
Spill Record Last Update:	3/14/2005
Spiller Name:	NORMAN ZABUSKY
Spiller Company:	SUMNER HOUSES
Spiller Address:	303 VERNON AVE
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	NORMAN ZABUSKY
Contact Phone:	(718) 707-5719
DEC Memo:	Not reported
Remarks:	during tank removal contaminated soil found around 20,000 gal tank-contractor will remove contaminated soil

Material:

Site ID:	172534
Operable Unit ID:	827694
Operable Unit:	01
Material ID:	547871
Material Code:	0002A

303 VERNON HOUSES -NYCHA (Continued) **S102238977**

Material Name:	#4 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0007014
DER Facility ID:	62761
Facility Type:	ER
Site ID:	172535
DEC Region:	2
Spill Date:	9/11/2000
Spill Number/Closed Date:	0007014 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	jkkann
Referred To:	WORK PLAN SUBMITTED 11/5/07
Reported to Dept:	9/14/2000
CID:	390
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	9/14/2000
Spill Record Last Update:	12/3/2007
Spiller Name:	AKIN JOHNSON
Spiller Company:	303 VERNON HOUSES
Spiller Address:	303 VERNON AVE
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	AKIN JOHNSON
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BREEN"10-30-03. Taking over from Saccasio. See related spills: 0006763, 9505160 and 9011525.01/11/06: This spill transferred from Breen to S.Kraszewski. Unsure if this site relates to Sumner Houses. - SK7/3/07: Apparently spill was never transferred to Kraszewski, and was still assigned to Breen in the database. As of today, the spill is being transferred to Jennifer Kann. (JHO)12/3/07: J.Kann - investigative work plan submitted on 11/5/07.
Remarks:	UNDERGROUND TANK WAS DISCOVERED TO BE LEAKING WHEN IT WAS REMOVED - UNK CLEAN UP

Material:

303 VERNON HOUSES -NYCHA (Continued) **S102238977**

Site ID:	172535
Operable Unit ID:	827865
Operable Unit:	01
Material ID:	548117
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0003192
DER Facility ID:	62761
Facility Type:	ER
Site ID:	172533
DEC Region:	2
Spill Date:	6/14/2000
Spill Number/Closed Date:	0003192 / 3/24/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	6/14/2000
CID:	389
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/14/2000
Spill Record Last Update:	1/6/2005
Spiller Name:	CALLER
Spiller Company:	NYC HOUSING
Spiller Address:	123 WILLIAMS ST
Spiller City,St,Zip:	NYC, NY 10038-
Spiller Company:	001
Contact Name:	CALLER
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	CALLER REPORTING A SPILL OF MATERIAL FROM FLOODING OF A REPAIR OF A RISER. CLEAN UP IS IN THE PROCESS NO CALLBACK IS NECESSARY

Material:

Site ID:	172533
Operable Unit ID:	824663

303 VERNON HOUSES -NYCHA (Continued) **S102238977**

Operable Unit:	01
Material ID:	551519
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40
Units:	Gallons
Recovered:	40
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9514058
DER Facility ID:	62761
Facility Type:	ER
Site ID:	172536
DEC Region:	2
Spill Date:	2/4/1996
Spill Number/Closed Date:	9514058 / 3/6/1996
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	HEALY
Referred To:	Not reported
Reported to Dept:	2/4/1996
CID:	365
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/4/1996
Spill Record Last Update:	5/14/2004
Spiller Name:	MR CRUZ
Spiller Company:	SUMNER HOUSES
Spiller Address:	303 VERNON ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller Company:	001
Contact Name:	MR CRUZ
Contact Phone:	(718) 443-8144
DEC Memo:	Not reported
Remarks:	hot water gadge broke causing water to go into basement and mix with the oil - being cleaned up now

Material:

Site ID:	172536
Operable Unit ID:	1024879
Operable Unit:	01
Material ID:	357758

303 VERNON HOUSES -NYCHA (Continued) **S102238977**

Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

AO213 **90 PRECINCT NYPD -DDC** **NY LTANKS** **S102238705**
NNW **209 UNION AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.485 mi.
2562 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
18 ft.

LTANKS:

Site ID:	85755
Spill Number/Closed Date:	8606252 / 1/10/2005
Spill Date:	1/7/1987
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1/7/1987
CID:	Not reported
Water Affected:	GROUND WATER
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2/10/1987
Spill Record Last Update:	7/7/2005
Spiller Name:	Not reported
Spiller Company:	NYC POLICE DEPT.
Spiller Address:	90 TH PRECINCT
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	72843
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY" / / : DEC SULLIVAN WILL INVESTIGATE. FIRE DEPT PUT DRY-SORB ON SPILL.This spill is referred to spill # 8607159 and is closed today by II (01/10/05).
Remarks:	P.D. DIESEL FEUL TANK ALLEGEDLY LEAKED INTO BASEMENT OF ADJACENT FIRE

90 PRECINCT NYPD -DDC (Continued) **S102238705**

HOUSE - REASSIGNED TO DGS MONITORS FOR FORMAL INVESTIGATION

Material:

Site ID:	85755
Operable Unit ID:	903055
Operable Unit:	01
Material ID:	475385
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SPILLS:

Facility ID:	0208387
DER Facility ID:	72843
Facility Type:	ER
Site ID:	78258
DEC Region:	2
Spill Date:	11/13/2002
Spill Number/Closed Date:	0208387 / 4/4/2005
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	11/13/2002
CID:	211
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/13/2002
Spill Record Last Update:	4/4/2005
Spiller Name:	WILLIAM KLEIN
Spiller Company:	90TH PRECINCT NYPD
Spiller Address:	211 UNION AV
Spiller City,St,Zip:	BROOKLYN, ZZ
Spiller Company:	001
Contact Name:	WILLIAM KLEIN
Contact Phone:	(718) 762-5200
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"CALLED WILLIAM KLEIN, (1.32 PM) AT LEAST 4 TIMES. NO

90 PRECINCT NYPD -DDC (Continued) **S102238705**

RESPONSE FROM ANSWERING MACHINE. DISCUSSED SPILL WITH STEVE, WHO SUGGESTS THAT I TALKED TO JON KOLLEENY.I DISCUSSED WITH JON, WHO WAS WILLING TO TAKE OVER THE INVESTIGATION & MONITOR ANY FURTHER DEVELOPEMENT. - E.R.Franklin Co. excavated some contaminated soil but had to return some soil to the pit to stabilize edge of pit under sidewalk adjacent to precinct. Franklin took end point samples and did some follow-up Geoprobe borings. Found only minor impacts to vadose zone soil, and gasoline-related impacts at water table. Site is being remediated by URS under DDC Consent Order. OK to close this spill; see open spill for this site, no. 9512590.- J. Kolleeny 4/4/05.
Not reported

Remarks: during removal 15000 gal ust sheen on groundwater discovered

Material:

Site ID:	78258
Operable Unit ID:	861374
Operable Unit:	01
Material ID:	515391
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9512590
DER Facility ID:	72843
Facility Type:	ER
Site ID:	73529
DEC Region:	2
Spill Date:	1/10/1996
Spill Number/Closed Date:	9512590 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	2401
Investigator:	ADZHITOM
Referred To:	ADDITIONAL SOIL BORINGS AND WELLS TO BE INSTALLED
Reported to Dept:	1/10/1996
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	5
Date Entered In Computer:	1/10/1996
Spill Record Last Update:	4/15/2013

90 PRECINCT NYPD -DDC (Continued) **S102238705**

Spiller Name: BOB KREUZER
Spiller Company: NEW YORK CITY PD 90 PRCNT
Spiller Address: 211 UNION AVENUE
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: BOB KREUZER
Contact Phone: (716) 856-5636
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"URS investigated site, operated dual-phase extraction system to address free product, soil and groundwater contamination. System operation was terminated in 2002 due to diminishing results. To address remaining groundwater contamination they applied ORC. Groundwater monitoring still ongoing. - JK 4/4/05Spill transferred from Kolleeny to A. Zhitomirsky on 4/4/05. - JK10/31/2005 Reviewed report dated September 2005. MTBE is at 230 ppb. AZ8-14-2006 Reviewed monitoring report by Roux dated July 28, 2005 for March through June 2006.MW-3 - 150 PPB mtbe in groundwater.Recommendations: maintainn DPE and Oxygen delivery remediation systems shut down; continue gw monitoring, discontinue SVOCs analyses, evaluate alternative technologies. AZ04-5-2007 Reviewed Monitoring Reports submitted in November 2006 for July through September 2006 and on March 23, 2007, for October through December 2006. Residual MTBE contamination was detected in four wells with concentrations up to 60 ppb(July 2006). Benzine and naphthalene were encountered in one well. DPE was inactive. ORC injections and ORC socks were discontinued. In October 2006 sampling event MTBE ranged from 16 ppb to 136 ppb. Some increase of MTBE concentrations was observed. ORC socks will be installed in MW 216-MW-01, 216-MW-03 and MW-09. Recommended maintaining shutdown status of DPE system, reducing monitoring and reporting to semi-annual. These recommendations were approved. An e-mail was sent to Brian Morrissey (ROUX): I have reviewed Monitoring Report for October- December 2006 dated March 15, 2007. The report recommended reducing monitoring and reporting frequency to semi-annual. ORC socks should be placed in wells where VOC concentrations exceed NYSDEC Guidance Values. AZ10-22-2007 Reviewed Monitoring Reports submitted in August 2007 for January through June 2007. Residual MTBE contamination was detected in five wells wells with concentrations up to 85 ppb. ORC socks were reinstalled in three monitoring wells at the NYSDEC request. Roux recommended continuing semi-annual groundwater monitoring program. AZ 7-2-2008 Reviewed Monitoring Reports submitted in April 2008 for July through December 2008. Residual MTBE contamination was detected in four wells of the six wells with concentrations up to 56 ppb. ORC socks were reinstalled in three monitoring wells at the NYSDEC request. MTBE is the only VOC detected at a concentration greater than its NYSDEC AWQSGV in multiple wells. Roux recommended continuing semi-annual groundwater monitoring program. AZ2-13-2009 Reviewed Monitoring Reports submitted in October 2009 for January through September 2008. Residual MTBE contamination was detected in four wells of the six wells with concentrations up to 66 ppb. ORC socks were reinstalled in three monitoring wells at the NYSDEC request. MTBE is the only VOC detected at a concentration greater than its NYSDEC AWQSGV in multiple wells. Roux will conduct a site wide groundwater sampling round in preparation for NFA. AZ11-6-09 An e-mail was sent to Brian Morrisey/Fatemeh Ashkan/ V. Brevdo: "I have reviewed a semi-annual report for the above site dated May 22, 2009 add covering the period of June 2008 through March 2009. Roux proposed conducting soil

90 PRECINCT NYPD -DDC (Continued) **S102238705**

sampling and analyses in areas of residual groundwater contamination (i.e.e 216-MW-02 and MW-08) in order to determine current status of soil impacts. Also, you proposed considering enhanced bioremediation for this site. These proposals are approved and should the work plan should be included in the next monitoring report." AZ3-29-2011 Reviewed 4,000 gal gasoline tank closure report.3 bottom samples were collected at depth 13 to 16 bgs. Sidewalls samples could not be collected due to the steel sheeting that was previously installed during the original tank installation. Groundwater sample was collected from approximately 13 ft bgs. No visual evidence of contamination was detected. PID readings 0.6 - 2.1 ppm. The tank was in good condition. 456.4 tons of soil was transported for offsite disposal. No VOCs or SVOCs were detected in the soil samples. Groundwater sample contained VOCs detected above NYSDEC TOGs total VOCS 438 ppb. AZ4-27-2011 An e-mail was sent to LiRo/DDC/V. Brevdo: "I have reviewed the Site Turnover Status Report and Semi-Annual Monitoring Report dated January 24, 2011. I concur with the LiRo's recommendations to install two wells near a former 4,000 gal gasoline UST. Since the groundwater contamination was discovered when this UST was removed, two additional wells are required near this tank (a total of four wells).Well MW-01 could be removed from the monitoring schedule, as per LiRo's recommendation. Additional soil borings are approved. There is a number of USTs, including gasoline tanks, closed in place at this site. I recommend that these tanks be removed, if feasible." AZ11-27-2011 Reviewed report dated Aug. 29, 2011. The report stated that the latest groundwater results show VOCs were detected above AWQSGVs in four wells. LiRo will ORC socks and continue semi-annual monitoring. AZ6-11-2012 Additional soil borings SB-01 through SB-04 will be installed. New monitoring wells LMW-01 through LMW-04 will installed in the second quarter of 2012. AZ4-15-2013 ORC socks are installed in MW-02 and MW-08. AZ

Remarks: LABORATORY RESULTS SHOW SOIL CONTAMINATION

Material:

Site ID:	73529
Operable Unit ID:	1026919
Operable Unit:	01
Material ID:	2096794
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	73529
Operable Unit ID:	1026919
Operable Unit:	01
Material ID:	356338
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No

90 PRECINCT NYPD -DDC (Continued) **S102238705**

Resource Affected: Not reported
Oxygenate: False

Tank Test:

214
East
1/4-1/2
0.486 mi.
2567 ft.

WEST BUSHWICK HOUSING **NY LTANKS** **S104790729**
86-88 BEAVER ST **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
61 ft.

LTANKS:

Site ID:	143808
Spill Number/Closed Date:	0008389 / 6/9/2004
Spill Date:	10/18/2000
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	10/18/2000
CID:	270
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	10/18/2000
Spill Record Last Update:	6/9/2004
Spiller Name:	WALTER ROBERTS
Spiller Company:	BUSHWICK HOUSING
Spiller Address:	86-88 BEAVER ST
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	WALTER ROBERTS
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	122613
DEC Memo:	Not reported
Remarks:	contaminated soil discovered from samples taken

Material:

Site ID:	143808
Operable Unit ID:	830849
Operable Unit:	01
Material ID:	545898
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum

WEST BUSHWICK HOUSING (Continued) **S104790729**

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

AN215 **BORINQUEN HOUSES** **NY LTANKS** **U002034217**
NE **300 BUSHWICK AVENUE** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11206**
0.493 mi.
2605 ft. **Site 2 of 2 in cluster AN**

Relative:
Higher

Actual:
17 ft.

LTANKS:
Site ID: 191531
Spill Number/Closed Date: 9712046 / 2/6/2004
Spill Date: 1/28/1998
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1/28/1998
CID: 204
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/28/1998
Spill Record Last Update: 3/7/2005
Spiller Name: SEBASTION LOREFICE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: SEBASTION LOREFICE
Spiller Phone: (212) 306-3229
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 159754
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KOLLEENY"SITE INVESTIGATIONS WERE PERFORMED BY TRC ENVIRONMENTAL IN THE MID 1990s AND BY GANNETT FLEMING IN 2002. VERY MINOR IMPACTS TO SOIL AND GROUNDWATER WERE IDENTIFIED IN THE AREA OF THE FORMER TANK. SEVERAL PAH COMPOUNDS WERE DETECTED IN SOIL AT LEVELS ABOVE TAGM 4046 GUIDELINES, IN THE HUNDREDS OF PPB (HIGHEST WAS CHRYSENE AT 780 UG/KG), AND SEVERAL PAHs WERE DETECTED IN ONE MONITORING WELL, WITH ONLY ONE COMPOUND EXCEEDING ITS GROUNDWATER STANDARD SLIGHTLY (CHRYSENE AT 1 UG/L).OK TO CLOSE. - JK

BORINQUEN HOUSES (Continued) **U002034217**

Remarks: TO BE ISOLATED AND RETESTED

Material:
Site ID: 191531
Operable Unit ID: 1054708
Operable Unit: 01
Material ID: 326676
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: 191531
Spill Tank Test: 1545581
Tank Number: 001
Tank Size: 5000
Test Method: 03
Leak Rate: 0
Gross Fail: Not reported
Modified By: Spills
Last Modified: 10/1/2004
Test Method: Horner EZ Check I or II

Site ID: 191530
Spill Number/Closed Date: 9010701 / 1/13/1998
Spill Date: 1/7/1991
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 2401
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1/7/1991
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1/16/1991
Spill Record Last Update: 8/5/2003
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: ZZ

BORINQUEN HOUSES (Continued) **U002034217**

Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159754
DEC Memo:	Not reported
Remarks:	5K TANK FAILED HORNER EZY CHECK,SYSTEM TEST,GROSS LEAK,WILL EXCAVATE, ISOLATE,REPAIR & RETEST,SUSPECT LEAKING STICK LINE.

Material:

Site ID:	191530
Operable Unit ID:	947842
Operable Unit:	01
Material ID:	430831
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	191530
Spill Tank Test:	1538135
Tank Number:	001
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	191464
Spill Number/Closed Date:	9711478 / 2/2/1998
Spill Date:	1/13/1998
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	2401
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1/13/1998
CID:	369
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False

BORINQUEN HOUSES (Continued) **U002034217**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/13/1998
Spill Record Last Update:	2/2/1998
Spiller Name:	FRANK OCELLO
Spiller Company:	NYC HOUSING AUTHORITY
Spiller Address:	250 BROADWAY
Spiller City,St,Zip:	NEW YORK, NY 10007-
Spiller County:	001
Spiller Contact:	FRANK OCELLO
Spiller Phone:	(212) 360-3233
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	159754
DEC Memo:	Not reported
Remarks:	tank failed and will be drained and inv is underway

Material:

Site ID:	191464
Operable Unit ID:	1057978
Operable Unit:	01
Material ID:	326136
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	191464
Spill Tank Test:	1545555
Tank Number:	001
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

UST:

Id/Status:	2-601869 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589622.17610000004
UTM Y:	4506619.9070699997
Site Type:	Apartment Building/Office Building

Affiliation Records:

BORINQUEN HOUSES (Continued) **U002034217**

Site Id:	23831
Affiliation Type:	Emergency Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	EMERGENCY SERVICE DEPT.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/21/2005

Site Id:	23831
Affiliation Type:	Facility Owner
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	FUEL OIL REMEDIATION COORDINATOR
Contact Name:	FUEL OIL REMEDIATION COORD.
Address1:	23-02 49TH AVENUE
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	9/30/2005

Site Id:	23831
Affiliation Type:	On-Site Operator
Company Name:	BORINQUEN HOUSES
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	23831
Affiliation Type:	Mail Contact
Company Name:	NYC HOUSING AUTHORITY
Contact Type:	Not reported
Contact Name:	MR. LUIS PONCE
Address1:	23-02 49TH AVENUE

BORINQUEN HOUSES (Continued) **U002034217**

Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 707-5725
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	1
Tank ID:	48184
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	02/01/1975
Date Tank Closed:	07/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0000
Common Name of Substance:	Empty
Tightness Test Method:	03
Date Test:	02/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None

AO216 **209 UNION AVENUE** **NY LTANKS** **S102672924**
NNW **209 UNION AVE - 90TH PCT** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.495 mi.
2612 ft. **Site 2 of 2 in cluster AO**

Relative:
Higher

Actual:
19 ft.

LTANKS:

Site ID:	322916
Spill Number/Closed Date:	9502048 / 5/18/1995
Spill Date:	5/18/1995
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

209 UNION AVENUE (Continued) **S102672924**

Cleanup Ceased:	5/18/1995
Cleanup Meets Standard:	True
SWIS:	2401
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	5/18/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	5/25/1995
Spill Record Last Update:	1/16/1996
Spiller Name:	Not reported
Spiller Company:	NYCPD
Spiller Address:	SAME
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	260128
DEC Memo:	Not reported
Remarks:	1983- OVERFILL - TANKS CONTAINING WATER 1987- EMERGENCY GENERATING TANK FAILED TEST.

Material:

Site ID:	322916
Operable Unit ID:	1013114
Operable Unit:	01
Material ID:	367117
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

217
WSW
1/2-1
0.630 mi.
3328 ft.

NASSAU GAS — **EDR MGP** — **1008407895**
SKILLMAN AVE — **N/A**
BROOKLYN, NY 11205

Relative:
Higher

Actual:
26 ft.

Manufactured Gas Plants:
No additional information available

218
West
1/2-1
0.633 mi.
3344 ft.

SKILLMAN STATION — **EDR MGP** — **1008407900**
SKILLMAN ST. FLUSHING AND BEDFORD AVES., AND PARK ST — **N/A**
BROOKLYN, NY 11205

Relative:
Higher

Actual:
15 ft.

Manufactured Gas Plants:
No additional information available

219
West
1/2-1
0.779 mi.
4111 ft.

RUTLEDGE STATION — **EDR MGP** — **1008407898**
RUTLEDGE ST. WYTHE AND KENT AVE AND WALLABOUT AND HEYARD ST — **N/A**
BROOKLYN, NY 11205

Relative:
Higher

Actual:
14 ft.

Manufactured Gas Plants:
No additional information available

220
NE
1/2-1
0.870 mi.
4593 ft.

SCHOLES ST. STATION — **EDR MGP** — **1008407899**
SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE. — **N/A**
BROOKLYN, NY 11206

Relative:
Higher

Actual:
17 ft.

Manufactured Gas Plants:
No additional information available

221
West
1/2-1
0.884 mi.
4665 ft.

KEAP ST. STATION — **EDR MGP** — **1008407893**
KEAP ST. WYTHE AVE. HOOPER ST. AND KENT AVE — **N/A**
BROOKLYN, NY 11211

Relative:
Higher

Actual:
15 ft.

Manufactured Gas Plants:
No additional information available

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NEW YORK	1007206799	CONSOLIDATED EDISON	V4617-DEKALB & THROOP	10010	RCRA-NLR,MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BROOKLYN	1007208421	CONSOLIDATED EDISON	MH3138-FLUSHING & NAVY		RCRA-NLR,MANIFEST
BROOKLYN	1008195743	CONSOLIDATED EDISON	MH880-RYERSON ST & FLUSHING AV		RCRA-NLR,MANIFEST
BROOKLYN	1008195762	CONSOLIDATED EDISON	MH838 FLUSHING AVE & WAVERLY		RCRA-NLR,MANIFEST
BROOKLYN	1009234313	CONSOLIDATED EDISON	FLUSHING AVE & GRANDE AVE	11201	MANIFEST
BROOKLYN	1009234497	NYNEX	FLUSHING AVE & POTTER ST		MANIFEST
BROOKLYN	1009234540	NYNEX	KINGS HIWY & AVE H		MANIFEST
BROOKLYN	1009239138	CONSOLIDATED EDISON	MH55930-FLUSHING		MANIFEST
BROOKLYN	1009241740	CONSOLIDATED EDISON	MH611-FLUSHING AVE E/O CARLTON		MANIFEST
BROOKLYN	1009241753	CONSOLIDATED EDISON	MH677-HARRISON ALLEY & EVANS		MANIFEST
BROOKLYN	1009241767	CONSOLIDATED EDISON	MH605-CLERMONT & FLUSHING AVE		MANIFEST
BROOKLYN	1009241952	CONSOLIDATED EDISON	MH870-FLUSHING AVE & FRANKLIN		MANIFEST
BROOKLYN	1009242500	CONSOLIDATED EDISON	MH609-VANDERBILT & FLUSHING		MANIFEST
BROOKLYN	1009242527	CONSOLIDATED EDISON	MH884-FLUSHING AVE & CLINTON		MANIFEST
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/08/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/29/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 23

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 07/15/2013
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/28/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21
Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/31/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/12/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 59

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/04/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/20/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 22
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/09/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/08/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 04/18/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 22

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/30/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 114
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/20/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 112
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/07/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/12/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 07/18/2013
Date Data Arrived at EDR: 07/19/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/21/2013
Next Scheduled EDR Contact: 10/07/2013
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31
Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7
Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61
Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 06/25/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Annually

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/14/2013
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/20/2013
Date Data Arrived at EDR: 05/21/2013
Date Made Active in Reports: 06/27/2013
Number of Days to Update: 37

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/26/2013
Date Data Arrived at EDR: 05/24/2013
Date Made Active in Reports: 07/22/2013
Number of Days to Update: 59

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 09/27/2012
Number of Days to Update: 70

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

5 WHIPPLE
5 WHIPPLE
BROOKLYN, NY 11206

TARGET PROPERTY COORDINATES

Latitude (North):	40.7004 - 40° 42' 1.44''
Longitude (West):	73.9461 - 73° 56' 45.96''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589037.9
UTM Y (Meters):	4505822.0
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

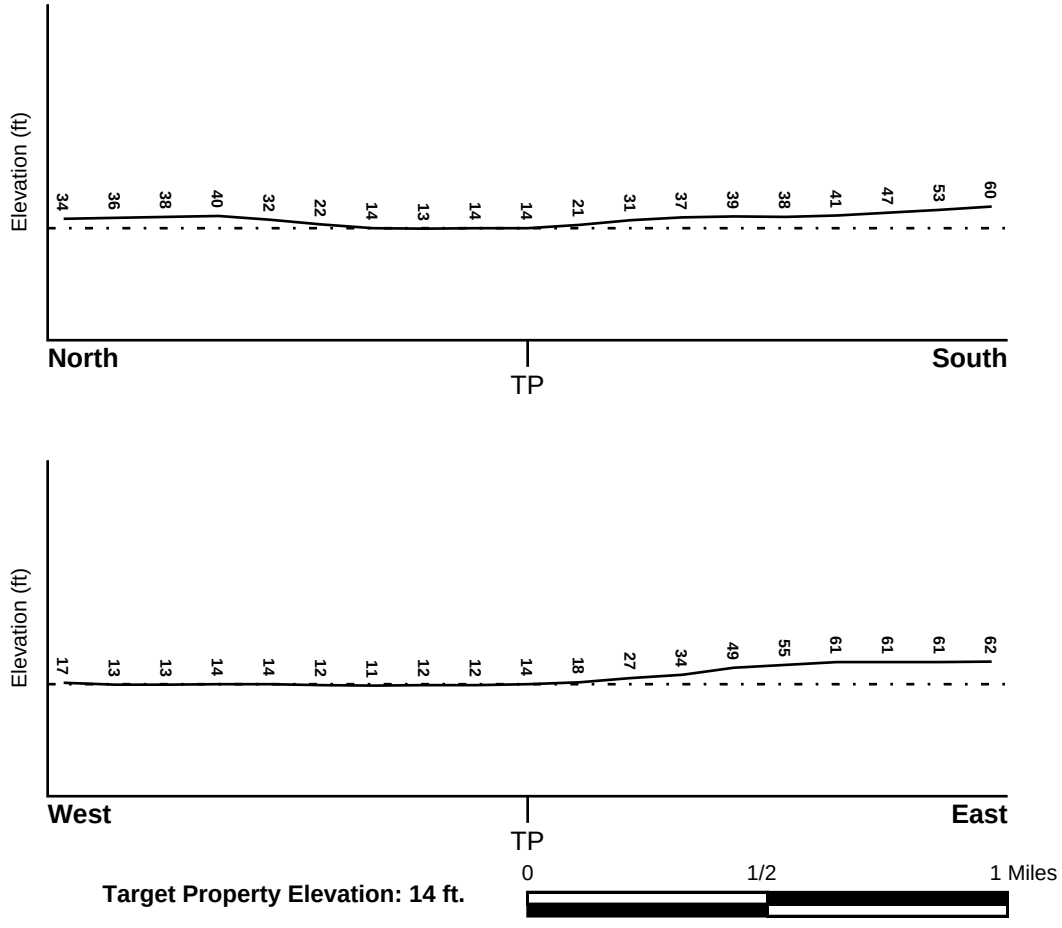
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 14 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
KINGS, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 360497 - FEMA DFIRM Flood data

Additional Panels in search area:
3604970055B - FEMA Q3 Flood data
3604970056B - FEMA Q3 Flood data
3604970063B - FEMA Q3 Flood data
3604970064B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles West
Site Name:	Naval Station Ny
Site EPA ID Number:	NY5170022250
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	14 feet in a well located 1 mile southeast of the site.
Hydraulic Connection:	Information is not available about the hydraulic connection between the surficial aquifer (upper glacial till) and underlying aquifer(s). Bedrock is present at an estimated depth of 100 feet.
Sole Source Aquifer:	A sole source aquifer is persent at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000828916	0 - 1/8 Mile SSE
A2	USGS40000828958	0 - 1/8 Mile West
3	USGS40000829033	0 - 1/8 Mile NNE
A4	USGS40000828917	0 - 1/8 Mile SW
A5	USGS40000828973	0 - 1/8 Mile West
A6	USGS40000828976	0 - 1/8 Mile West
A7	USGS40000828975	0 - 1/8 Mile West
A8	USGS40000828974	0 - 1/8 Mile West
A9	USGS40000828960	0 - 1/8 Mile West
A10	USGS40000828959	0 - 1/8 Mile West
A11	USGS40000828977	1/8 - 1/4 Mile West
A12	USGS40000834988	1/8 - 1/4 Mile West
A13	USGS40000834987	1/8 - 1/4 Mile West
B14	USGS40000828918	1/8 - 1/4 Mile WSW
B15	USGS40000828938	1/8 - 1/4 Mile West
B16	USGS40000828940	1/8 - 1/4 Mile West
B17	USGS40000828939	1/8 - 1/4 Mile West
C18	USGS40000829004	1/4 - 1/2 Mile West
D19	USGS40000829064	1/4 - 1/2 Mile WNW
C20	USGS40000828978	1/4 - 1/2 Mile West
D21	USGS40000829065	1/4 - 1/2 Mile WNW
E22	USGS40000828830	1/4 - 1/2 Mile WSW
E23	USGS40000828809	1/4 - 1/2 Mile SW
E24	USGS40000828816	1/4 - 1/2 Mile SW
F25	USGS40000829242	1/4 - 1/2 Mile North
F26	USGS40000829262	1/2 - 1 Mile NNE
27	USGS40000828836	1/2 - 1 Mile ESE
G28	USGS40000829002	1/2 - 1 Mile East
G29	USGS40000829003	1/2 - 1 Mile East
30	USGS40000828715	1/2 - 1 Mile South
31	USGS40000829203	1/2 - 1 Mile NW
32	USGS40000828770	1/2 - 1 Mile SW
33	USGS40000829291	1/2 - 1 Mile NNE
34	USGS40000829320	1/2 - 1 Mile North
H35	USGS40000829031	1/2 - 1 Mile East
H36	USGS40000829032	1/2 - 1 Mile East
I37	USGS40000829261	1/2 - 1 Mile NE
I38	USGS40000829273	1/2 - 1 Mile NNE
H39	USGS40000829001	1/2 - 1 Mile East
H40	USGS40000829052	1/2 - 1 Mile ENE
J41	USGS40000829234	1/2 - 1 Mile NE
42	USGS40000829263	1/2 - 1 Mile NW
43	USGS40000828781	1/2 - 1 Mile ESE
J44	USGS40000829233	1/2 - 1 Mile NE
45	USGS40000828808	1/2 - 1 Mile ESE
46	USGS40000829139	1/2 - 1 Mile WNW
47	USGS40000829232	1/2 - 1 Mile NE
K48	USGS40000828957	1/2 - 1 Mile East
49	USGS40000829063	1/2 - 1 Mile ENE
L50	USGS40000829386	1/2 - 1 Mile NNE
L51	USGS40000829385	1/2 - 1 Mile NNE
52	USGS40000829019	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
53	USGS40000829091	1/2 - 1 Mile WNW
K54	USGS40000829000	1/2 - 1 Mile East
55	USGS40000829248	1/2 - 1 Mile NW
56	USGS40000829116	1/2 - 1 Mile ENE
57	USGS40000829373	1/2 - 1 Mile NNW
58	USGS40000828626	1/2 - 1 Mile SSE
59	USGS40000829247	1/2 - 1 Mile NE
60	USGS40000828675	1/2 - 1 Mile SW
61	USGS40000829364	1/2 - 1 Mile NE
62	USGS40000829042	1/2 - 1 Mile West
M63	USGS40000829478	1/2 - 1 Mile NNW
M64	USGS40000829485	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG70000000029	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 3728699.2s

🗲 County Boundary
╱╲ Major Roads
╱╲ Contour Lines
◎ Earthquake epicenter, Richter 5 or greater
Ⓦ Water Wells
Ⓟ Public Water Supply Wells
● Cluster of Multiple Icons

↑ Groundwater Flow Direction
(GI) Indeterminate Groundwater Flow at Location
(GV) Groundwater Flow Varies at Location
(HD) Closest Hydrogeological Data
● Oil, gas or related wells

SITE NAME:	5 Whipple	CLIENT:	Env. Business Consultants
ADDRESS:	5 Whipple Brooklyn NY 11206	CONTACT:	Chawinie Miller
		INQUIRY #:	3728699.2s
LAT/LONG:	40.7004 / 73.9461	DATE:	September 16, 2013 2:41 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE | **FED USGS** | **USGS40000828916**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404158073564508		
Monloc name:	K 1237. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6995472
Longitude:	-73.9454156	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	63
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 239

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-08-03		-10.35	1953-06-24		-10.82
1953-05-25		-11.47	1953-04-27		-11.52
1953-03-24		-11.87	1953-02-27		-12.15
1953-02-05		-12.29	1952-12-24		-12.99
1952-12-05		-13.71	1952-11-03		-14.87
1952-09-22		-15.30	1952-08-25		-15.59
1952-07-23		-16.80	1952-06-24		-17.04
1952-05-27		-17.69	1952-04-29		-18.25
1952-03-24		-18.88	1952-02-20		-19.61
1952-01-29		-20.09	1951-12-20		-21.08
1951-11-28		-21.42	1951-11-01		-22.33
1951-09-26		-23.38	1951-08-28		-23.62
1951-07-26		-23.39	1951-06-28		-23.32
1951-05-29		-23.62	1951-05-02		-24.12
1951-03-27		-24.82	1951-02-26		-25.18
1951-01-30		-25.57	1950-12-20		-26.38
1950-11-28		-26.71	1950-10-31		-26.92
1950-09-27		-26.62	1950-08-29		-26.17
1950-07-27		-25.86	1950-06-29		-26.08
1950-06-05		-25.84	1950-04-27		-25.66
1950-03-29		-25.94	1950-03-01		-25.80
1950-01-26		-26.08	1949-12-28		-26.39
1949-11-28		-27.13	1949-10-31		-27.37
1949-09-28		-27.27	1949-08-31		-27.25

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1949-07-28		-27.38
1949-06-01		-28.15
1949-04-05		-29.10
1949-01-27		-30.24
1948-12-09		-30.23
1948-10-04		-31.73
1948-07-26		-32.56
1948-06-02		-32.78
1948-03-26		-32.58
1948-02-03		-33.11
1947-12-16		-34.56
1947-11-20		-34.93
1947-10-14		-35.59
1947-09-30		-35.23
1947-08-27		-35.57
1947-07-30		-36.02
1947-07-16		-35.87
1947-07-02		-35.88
1947-06-30		-35.86
1947-05-27		-36.12
1947-04-04		-36.47
1947-01-24		-36.53
1946-11-26		-36.44
1946-09-26		-36.04
1946-07-26		-35.18
1946-06-10		-34.27
1946-04-12		-33.87
1946-02-14		-33.90
1945-12-04		-34.54
1945-09-28		-34.43
1945-08-08		-34.02
1945-06-04		-33.83
1945-04-04		-33.57
1945-01-02		-33.68
1944-10-28		-34.33
1944-09-02		-34.36
1944-07-05		-34.58
1944-05-05		-34.01
1944-02-26		-33.58
1944-01-01		-33.66
1943-10-30		-33.82
1943-08-28		-34.45
1943-05-29		-33.96
1943-03-27		-34.01
1943-01-30		-34.15
1942-12-26		-34.07
1942-12-12		-34.30
1942-11-28		-34.27
1942-11-14		-34.16
1942-10-31		-34.02
1942-10-17		-33.76
1942-10-03		-33.78
1942-09-19		-33.71
1942-09-05		-33.72
1942-08-22		-33.37
1949-06-30		-27.83
1949-04-28		-28.60
1949-02-21		-29.95
1948-12-28		-29.76
1948-11-04		-31.37
1948-08-30		-31.53
1948-06-30		-33.01
1948-04-27		-32.95
1948-03-02		-32.65
1948-01-08		-33.79
1947-11-26		-34.98
1947-10-31		-35.61
1947-10-07		-35.47
1947-09-15		-35.68
1947-08-13		-35.09
1947-07-23		-35.92
1947-07-07		-35.75
1947-07-01		-35.87
1947-06-24		-35.81
1947-05-07		-36.42
1947-03-05		-36.15
1946-12-27		-36.30
1946-10-22		-35.92
1946-08-30		-35.71
1946-07-01		-34.64
1946-05-10		-34.09
1946-03-18		-33.72
1946-01-08		-33.92
1945-11-06		-34.68
1945-09-12		-34.11
1945-07-03		-34.19
1945-04-27		-33.56
1945-03-03		-33.30
1944-12-06		-34.61
1944-10-04		-34.30
1944-07-31		-34.68
1944-05-27		-34.44
1944-03-30		-33.85
1944-01-29		-33.61
1943-11-27		-33.71
1943-09-25		-33.47
1943-06-26		-34.03
1943-05-01		-34.06
1943-02-27		-34.26
1943-01-02		-33.69
1942-12-19		-34.36
1942-12-05		-34.28
1942-11-21		-34.32
1942-11-07		-34.06
1942-10-24		-33.91
1942-10-10		-33.89
1942-09-26		-33.67
1942-09-12		-33.71
1942-08-29		-33.53
1942-08-15		-33.21

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-08-08		-33.04	1942-08-01		-33.59
1942-07-25		-33.73	1942-07-18		-33.69
1942-07-11		-33.83	1942-07-04		-33.98
1942-06-27		-34.08	1942-06-20		-34.11
1942-06-13		-34.16	1942-06-06		-34.12
1942-05-30		-34.16	1942-05-23		-34.18
1942-05-16		-34.16	1942-05-09		-34.18
1942-05-02		-34.13	1942-04-25		-34.25
1942-04-18		-34.34	1942-04-11		-34.28
1942-04-04		-34.30	1942-03-28		-34.36
1942-03-21		-34.09	1942-03-14		-34.13
1942-03-07		-34.18	1942-02-28		-34.39
1942-02-21		-34.35	1942-02-14		-33.62
1942-02-07		-34.51	1942-01-31		-34.14
1942-01-24		-34.38	1942-01-17		-34.15
1942-01-10		-34.03	1942-01-03		-33.96
1941-12-27		-34.26	1941-12-20		-34.27
1941-12-13		-34.29	1941-12-06		-34.55
1941-11-29		-34.36	1941-11-22		-34.17
1941-11-15		-34.31	1941-11-08		-34.20
1941-11-01		-34.30	1941-10-25		-34.17
1941-10-18		-33.81	1941-10-11		-33.98
1941-10-04		-34.06	1941-09-27		-33.79
1941-09-20		-33.78	1941-09-13		-33.66
1941-09-06		-33.65	1941-08-30		-33.27
1941-08-23		-33.50	1941-08-16		-33.40
1941-08-09		-33.15	1941-08-02		-33.25
1941-07-26		-33.19	1941-07-19		-33.28
1941-07-12		-33.13	1941-07-05		-33.08
1941-06-28		-33.15	1941-06-21		-32.72
1941-06-14		-33.08	1941-06-07		-32.90
1941-05-31		-32.71	1941-05-24		-32.81
1941-05-17		-33.01	1941-05-10		-32.87
1941-05-03		-32.64	1941-04-26		-32.83
1941-04-19		-32.68	1941-04-12		-31.56
1941-03-29		-32.67	1941-03-22		-32.67
1941-03-15		-32.24	1941-03-08		-32.64
1941-03-01		-32.46	1941-02-22		-32.41
1941-02-15		-32.10	1941-02-08		-32.81
1941-02-01		-32.29	1941-01-25		-32.44
1941-01-18		-32.90			

A2
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828958**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404201073565401		
Monloc name:	K 64. 2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7003806
Longitude:	-73.9479157	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	168
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

3
NNE **FED USGS** **USGS40000829033**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404206073564601		
Monloc name:	K 3483. 1		
Monloc type:	Well		
Monloc desc:	Throop Ave and Bartleet St, Tompkins Park North		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7017694
Longitude:	-73.9456934	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	20001018	Welldepth:	45.6
Welldepth units:	ft	Wellholedepth:	45.6
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A4
SW **FED USGS** **USGS40000828917**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404158073565301		
Monloc name:	K 2286. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6995472
Longitude:	-73.9476379	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	190
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A5
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828973**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073565501		
Monloc name:	K 64. 5		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9481935	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	165
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A6
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828976**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073565504		
Monloc name:	K 1275. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9481935	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A7
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828975**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073565503		
Monloc name:	K 1274. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9481935	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	165
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A8
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828974**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073565502		
Monloc name:	K 64. 6		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9481935	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	174
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A9
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828960**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404201073565602		
Monloc name:	K 1629. 1		
Monloc type:	Well		
Monloc desc:	5602		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7003806
Longitude:	-73.9484713	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	170
Welldepth units:	ft	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A10
West
0 - 1/8 Mile
Lower

FED USGS **USGS40000828959**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404201073565601		
Monloc name:	K 1160. 1		
Monloc type:	Well		
Monloc desc:	5601		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7003806
Longitude:	-73.9484713	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	155
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A11
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828977**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073565701		
Monloc name:	K 1600. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.948749	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	157
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

A12
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000834988**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405202073565802		
Monloc name:	K 3123. 2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9490268	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Jameco Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	168
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A13
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000834987**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-405202073565801		
Monloc name:	K 3123. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9490268	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	179
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B14
WSW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828918**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404158073565801		
Monloc name:	K 3133. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030101	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6995472
Longitude:	-73.9490268	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Jameco Aquifer		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	190
Welldepth units:	ft	Wellholedepth:	202
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B15
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828938**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404200073565901		
Monloc name:	K 2434. 1		
Monloc type:	Well		
Monloc desc:	5901		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7001028
Longitude:	-73.9493046	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	196
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B16
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828940**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404200073570102		
Monloc name:	K 1344. 1		
Monloc type:	Well		
Monloc desc:	0102		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7001028
Longitude:	-73.9498602	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	171
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

B17
West
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000828939**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404200073570101		
Monloc name:	K 1305. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7001028
Longitude:	-73.9498602	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	166
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

C18
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829004**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404204073570801		
Monloc name:	K 33. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7012139
Longitude:	-73.9518047	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	176
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

D19
WNW **FED USGS** **USGS40000829064**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404209073570601		
Monloc name:	K 29. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7026027
Longitude:	-73.9512491	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	78
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-03-24		-24.57	1939-03-12		-24.72
1939-03-10		-24.62	1939-03-03		-24.59
1939-02-24		-24.54	1939-02-17		-24.52
1939-02-10		-24.50	1939-02-03		-24.54
1939-01-27		-24.80	1939-01-20		-24.78
1939-01-13		-24.68	1939-01-06		-24.70
1938-12-30		-24.76	1938-12-23		-24.88
1938-12-16		-24.94	1938-12-02		-25.00
1938-11-25		-24.97	1938-11-18		-24.89
1938-11-11		-24.69	1938-11-04		-24.89

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-10-28		-24.88	1938-10-21		-24.85
1938-10-14		-24.85	1938-10-07		-24.77
1938-09-30		-24.67	1938-09-16		-25.10
1938-09-09		-24.94	1938-09-02		-24.96
1938-08-26		-24.86	1938-08-19		-24.93
1938-08-12		-24.89	1938-08-05		-24.83
1938-07-22		-24.84	1938-07-15		-24.79
1938-07-08		-24.61	1938-07-01		-24.63
1938-06-11		-24.41	1938-06-04		-24.43
1938-05-28		-24.40	1938-05-21		-24.46
1938-05-07		-24.34	1938-04-30		-24.37
1938-04-23		-24.43	1938-04-16		-24.47
1938-04-09		-23.90	1938-03-26		-24.07
1938-03-19		-24.32	1938-03-12		-24.18
1938-03-05		-24.09	1938-02-26		-24.48
1938-02-19		-24.59	1938-02-12		-24.44
1938-02-04		-24.76	1938-01-28		-24.88
1938-01-21		-24.73	1938-01-14		-24.82
1938-01-07		-24.65	1937-12-31		-24.78
1937-12-24		-24.75	1937-12-18		-24.63
1937-12-11		-24.90	1937-12-04		-24.89
1937-11-27		-24.89	1937-11-20		-24.88
1937-11-13		-24.63	1937-11-08		-24.81

C20
West
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000828978**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404202073571001		
Monloc name:	K 2069. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7006583
Longitude:	-73.9523603	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	177
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D21
WNW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000829065**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404209073570908		
Monloc name:	K 65. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7026027
Longitude:	-73.9520825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	59
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 468

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1968-11-06		0.65	1967-10-20		0.51
1966-10-24		5.43	1966-05-03		-0.40
1965-10-27		-0.59	1965-09-14		-0.71
1965-05-03		6.73	1964-10-30		-1.63
1964-04-23		-0.90	1963-10-19		-1.07
1963-04-29		-0.68	1962-11-09		-0.71
1962-04-26		-0.70	1961-12-27		-1.75
1961-10-02		-2.95	1961-06-29		-3.94
1960-09-28		-2.66	1960-07-05		-3.44
1960-03-30		-3.13	1960-01-14		-2.56
1959-10-07		-3.82	1959-07-16		-3.40
1959-03-18		-2.75	1958-01-10		-4.35
1957-09-24		-4.66	1957-06-27		-4.47
1957-03-27		-4.08	1956-12-18		-3.97
1956-11-29		-3.93	1956-10-25		-3.90
1956-10-02		-3.73	1956-08-02		-3.44
1956-07-03		-3.89	1956-06-05		-3.79
1956-05-15		-3.39	1956-03-05		-3.44
1956-02-07		-3.93	1955-12-22		-4.25
1955-11-15		-4.60	1955-10-07		-5.48
1955-07-26		-5.49	1955-06-23		-5.20
1955-05-25		-5.22	1955-04-26		-5.09
1955-03-29		-5.63	1955-02-21		-5.60
1955-01-25		-5.77	1954-12-27		-6.03

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1954-12-02		-6.27
1954-10-05		-6.63
1954-07-29		-6.99
1954-05-27		-6.78
1954-03-30		-6.57
1954-01-28		-6.33
1953-12-02		-6.25
1953-10-02		-6.93
1953-08-03		-7.14
1953-05-25		-7.91
1953-02-27		-9.00
1952-12-18		-10.41
1952-09-22		-11.98
1952-07-23		-12.75
1952-05-27		-13.34
1952-03-24		-14.18
1952-01-29		-14.67
1951-11-28		-16.21
1951-09-26		-17.06
1951-07-26		-17.23
1951-05-29		-17.51
1951-03-27		-18.22
1951-01-30		-18.55
1950-11-28		-18.95
1950-09-27		-19.43
1950-07-27		-19.13
1950-06-05		-18.95
1950-03-29		-19.03
1950-01-26		-19.43
1949-11-28		-19.89
1949-09-28		-20.13
1949-07-28		-20.50
1949-06-01		-20.78
1949-04-05		-21.42
1949-01-27		-22.17
1948-12-09		-22.77
1948-10-04		-23.16
1948-07-23		-23.50
1948-06-02		-23.92
1948-03-26		-24.62
1948-02-03		-24.96
1947-12-16		-25.56
1947-11-20		-25.52
1947-10-14		-25.69
1947-09-30		-25.72
1947-08-27		-25.80
1947-07-30		-25.90
1947-07-16		-25.70
1947-07-02		-25.76
1947-06-30		-25.73
1947-05-27		-25.71
1947-04-04		-25.70
1947-01-24		-25.32
1946-11-26		-25.26
1946-09-26		-25.19
1954-10-28		-6.53
1954-08-25		-6.82
1954-06-29		-6.85
1954-04-28		-6.56
1954-02-25		-6.36
1953-12-23		-6.26
1953-10-28		-6.58
1953-08-28		-6.51
1953-06-24		-7.58
1953-04-27		-7.81
1953-02-05		-9.57
1952-11-03		-11.24
1952-08-25		-12.18
1952-06-24		-12.99
1952-04-29		-13.64
1952-02-20		-14.88
1951-12-20		-15.96
1951-11-02		-16.49
1951-08-28		-17.20
1951-06-28		-17.32
1951-05-02		-17.80
1951-02-26		-18.21
1950-12-20		-18.96
1950-10-31		-19.20
1950-08-29		-19.27
1950-06-29		-19.19
1950-04-27		-19.09
1950-03-01		-19.20
1949-12-28		-19.61
1949-10-31		-19.90
1949-08-31		-20.33
1949-06-30		-20.74
1949-04-28		-21.18
1949-02-21		-22.00
1948-12-28		-22.46
1948-11-04		-22.89
1948-08-30		-23.18
1948-06-30		-23.67
1948-04-27		-24.29
1948-03-02		-24.74
1948-01-07		-25.10
1947-11-26		-25.53
1947-10-31		-25.66
1947-10-07		-25.75
1947-09-15		-25.83
1947-08-13		-25.73
1947-07-23		-25.93
1947-07-07		-25.71
1947-07-01		-25.71
1947-06-24		-25.65
1947-05-07		-25.71
1947-03-05		-25.47
1946-12-27		-25.40
1946-10-22		-25.27
1946-08-30		-25.13

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1946-07-26		-24.90
1946-06-10		-24.57
1946-04-12		-24.62
1946-02-15		-24.86
1945-12-04		-25.27
1945-09-28		-25.27
1945-08-08		-25.10
1945-06-04		-24.81
1945-04-04		-24.87
1945-02-06		-24.85
1944-12-06		-25.06
1944-10-04		-25.19
1944-07-31		-25.14
1944-06-03		-24.70
1944-03-30		-24.56
1944-01-29		-24.66
1943-11-27		-25.11
1943-09-25		-25.48
1943-07-31		-25.53
1943-05-29		-25.61
1943-03-27		-25.68
1943-01-30		-25.88
1942-12-26		-25.91
1942-12-12		-26.01
1942-11-28		-26.03
1942-11-14		-26.08
1942-10-31		-25.92
1942-10-17		-25.89
1942-10-03		-25.91
1942-09-19		-25.80
1942-09-04		-25.79
1942-08-22		-25.58
1942-08-08		-25.52
1942-07-25		-25.78
1942-07-11		-25.73
1942-06-27		-25.99
1942-06-13		-26.08
1942-05-30		-26.14
1942-05-16		-26.25
1942-05-02		-26.36
1942-04-18		-26.37
1942-04-04		-26.46
1942-03-21		-26.54
1942-03-07		-26.73
1942-02-21		-26.57
1942-02-07		-26.47
1942-01-24		-26.72
1942-01-10		-26.65
1941-12-27		-26.75
1941-12-13		-26.85
1941-11-29		-27.04
1941-11-15		-27.04
1941-11-01		-26.98
1941-10-18		-27.03
1941-10-04		-26.89
1946-07-01		-24.69
1946-05-10		-24.52
1946-03-18		-24.66
1946-01-08		-25.12
1945-11-06		-25.40
1945-09-12		-25.19
1945-07-03		-25.01
1945-04-27		-24.78
1945-03-03		-24.74
1945-01-02		-25.06
1944-10-28		-25.12
1944-09-02		-25.23
1944-07-01		-24.97
1944-05-05		-24.81
1944-02-26		-24.76
1944-01-01		-24.80
1943-10-30		-25.40
1943-08-28		-25.44
1943-06-26		-25.58
1943-05-01		-25.66
1943-02-27		-25.78
1943-01-02		-25.73
1942-12-19		-26.15
1942-12-05		-26.14
1942-11-21		-26.07
1942-11-07		-26.02
1942-10-24		-26.02
1942-10-10		-25.94
1942-09-26		-25.90
1942-09-12		-25.77
1942-08-29		-25.71
1942-08-15		-25.60
1942-08-01		-25.69
1942-07-18		-25.66
1942-07-04		-25.93
1942-06-20		-26.02
1942-06-06		-26.13
1942-05-23		-26.17
1942-05-09		-26.33
1942-04-25		-26.40
1942-04-11		-26.36
1942-03-28		-26.49
1942-03-14		-26.51
1942-02-28		-26.60
1942-02-14		-26.58
1942-01-31		-26.61
1942-01-17		-26.85
1942-01-03		-26.85
1941-12-20		-26.90
1941-12-06		-26.97
1941-11-22		-26.97
1941-11-08		-27.11
1941-10-25		-27.03
1941-10-11		-27.04
1941-09-27		-26.99

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1941-09-20		-26.95
1941-09-06		-26.80
1941-08-23		-26.80
1941-08-09		-26.66
1941-07-26		-26.65
1941-07-12		-26.61
1941-06-28		-26.59
1941-06-14		-26.45
1941-05-31		-26.46
1941-05-17		-26.41
1941-05-03		-26.46
1941-04-19		-26.36
1941-04-05		-26.24
1941-03-22		-26.31
1941-03-08		-25.99
1941-02-22		-26.21
1941-02-08		-26.17
1941-01-25		-26.22
1941-01-11		-26.20
1940-12-28		-26.13
1940-12-14		-26.32
1940-11-30		-26.23
1940-11-16		-26.16
1940-11-02		-26.06
1940-10-19		-26.13
1940-10-05		-26.09
1940-09-21		-25.90
1940-09-07		-25.81
1940-08-24		-25.78
1940-08-10		-25.50
1940-07-27		-25.74
1940-07-13		-25.66
1940-06-29		-25.60
1940-06-15		-25.56
1940-05-29		-25.58
1940-05-18		-25.52
1940-05-04		-25.46
1940-04-20		-25.41
1940-04-06		-25.58
1940-03-23		-25.60
1940-03-09		-25.61
1940-02-24		-25.61
1940-02-10		-25.59
1940-01-27		-25.69
1940-01-13		-25.73
1939-12-30		-25.57
1939-12-16		-25.76
1939-12-02		-25.67
1939-11-18		-25.71
1939-11-04		-25.81
1939-10-21		-25.79
1939-10-07		-25.89
1939-09-23		-26.08
1939-09-08		-26.63
1939-08-25		-28.34
1941-09-13		-26.95
1941-08-30		-26.85
1941-08-16		-26.72
1941-08-02		-26.74
1941-07-19		-26.60
1941-07-05		-26.60
1941-06-21		-26.58
1941-06-07		-26.58
1941-05-24		-26.47
1941-05-10		-26.45
1941-04-26		-26.37
1941-04-12		-26.37
1941-03-29		-26.25
1941-03-15		-26.26
1941-03-01		-26.16
1941-02-15		-26.15
1941-02-01		-26.29
1941-01-18		-26.25
1941-01-04		-26.03
1940-12-21		-26.21
1940-12-07		-26.16
1940-11-23		-26.17
1940-11-09		-26.23
1940-10-26		-26.13
1940-10-12		-26.06
1940-09-28		-26.01
1940-09-14		-25.92
1940-08-31		-25.76
1940-08-17		-25.66
1940-08-03		-25.75
1940-07-20		-25.68
1940-07-06		-25.52
1940-06-22		-25.65
1940-06-08		-25.57
1940-05-25		-25.55
1940-05-11		-25.51
1940-04-27		-25.51
1940-04-13		-25.38
1940-03-30		-25.53
1940-03-16		-25.60
1940-03-02		-25.67
1940-02-17		-25.66
1940-02-03		-25.68
1940-01-20		-25.70
1940-01-06		-25.68
1939-12-23		-25.91
1939-12-09		-25.84
1939-11-25		-25.75
1939-11-11		-25.70
1939-10-28		-25.99
1939-10-14		-25.71
1939-09-30		-25.94
1939-09-15		-26.30
1939-09-01		-27.89
1939-08-18		-28.25

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1939-08-11		-28.20
1939-07-28		-28.02
1939-07-14		-27.67
1939-06-30		-27.30
1939-06-16		-26.52
1939-06-02		-24.41
1939-05-19		-24.42
1939-05-05		-24.44
1939-04-21		-24.52
1939-03-31		-24.41
1939-03-17		-24.51
1939-03-03		-24.49
1939-02-17		-24.45
1939-02-03		-24.44
1939-01-20		-24.68
1939-01-06		-24.55
1938-12-23		-24.81
1938-12-09		-24.78
1938-11-25		-24.86
1938-11-11		-24.76
1938-10-28		-24.86
1938-10-14		-24.70
1938-09-30		-24.45
1938-09-16		-24.93
1938-09-02		-24.84
1938-08-19		-24.81
1938-08-05		-24.60
1938-07-22		-24.70
1938-07-08		-24.60
1938-06-28		-24.52
1938-06-14		-24.51
1938-05-21		-24.44
1938-05-07		-24.40
1938-04-23		-24.48
1938-04-09		-24.01
1938-03-26		-24.23
1938-03-12		-24.31
1938-02-26		-24.48
1938-02-04		-24.61
1938-01-21		-24.66
1938-01-07		-24.48
1937-12-24		-24.76
1937-12-11		-24.86
1937-11-27		-24.88
1937-11-13		-25.12
1939-08-04		-28.12
1939-07-21		-27.94
1939-07-07		-27.59
1939-06-23		-27.00
1939-06-09		-25.65
1939-05-26		-24.46
1939-05-12		-24.51
1939-04-28		-24.49
1939-04-15		-24.35
1939-03-24		-24.40
1939-03-10		-24.49
1939-02-24		-24.36
1939-02-10		-24.43
1939-01-27		-24.64
1939-01-13		-24.65
1938-12-30		-24.63
1938-12-16		-24.86
1938-12-02		-24.91
1938-11-18		-24.86
1938-11-04		-24.86
1938-10-21		-24.76
1938-10-07		-24.75
1938-09-23		-24.66
1938-09-09		-24.85
1938-08-26		-24.81
1938-08-12		-24.78
1938-07-29		-24.64
1938-07-15		-24.64
1938-07-01		-24.59
1938-06-21		-24.46
1938-06-07		-24.36
1938-05-14		-24.42
1938-04-30		-24.39
1938-04-16		-24.52
1938-04-02		-24.39
1938-03-19		-24.41
1938-03-05		-24.20
1938-02-19		-24.52
1938-01-28		-24.74
1938-01-14		-24.71
1937-12-31		-24.66
1937-12-18		-24.65
1937-12-04		-24.84
1937-11-20		-24.89
1937-11-08		-24.94

E22
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828830**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404149073571201		
Monloc name:	K 30. 1		
Monloc type:	Well		
Monloc desc:	NEW: K 30. 2 197809		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6970473
Longitude:	-73.9529158	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	23.6
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	56
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 218

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-04-04		5.70	1977-01-05		4.35
1976-07-09		5.78	1976-06-28		4.52
1976-03-23		4.54	1975-12-16		4.78
1975-10-07		4.69	1975-06-30		4.29
1975-03-26		4.05	1974-12-19		4.81
1974-09-25		4.74	1974-09-04		4.52
1974-06-26		4.51	1974-03-19		4.20
1974-01-09		1.59	1973-10-02		4.04
1973-07-09		2.58	1973-04-03		2.15
1972-12-27		2.99	1972-09-29		3.09
1972-07-17		2.81	1972-07-11		2.63
1972-03-28		3.87	1972-01-13		3.30
1971-09-23		3.25	1971-07-28		3.57
1971-05-05		2.92	1971-03-16		2.75
1971-02-09		2.69	1970-11-02		2.89
1970-05-08		3.03	1970-03-13		2.84
1970-02-06		2.30	1969-11-10		2.38
1969-09-11		2.88	1969-09-05		2.24
1969-08-04		2.24	1969-07-02		1.55
1969-05-28		1.40	1969-04-22		1.42
1969-04-01		1.42	1969-02-20		1.17
1969-01-29		1.17	1969-01-08		0.97
1968-12-03		0.73	1968-11-06		0.80
1968-09-30		0.97	1968-08-28		1.13
1968-07-29		1.11	1968-06-26		1.06
1968-05-28		0.97	1968-04-22		0.97
1968-03-27		0.82	1968-02-29		0.68
1968-02-05		0.73	1968-01-03		0.63
1967-11-29		0.49	1967-10-20		0.65
1967-09-26		0.75	1967-09-07		0.81
1967-07-28		0.31	1967-07-06		0.30

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1967-05-31		0.40
1967-03-28		0.33
1967-01-31		0.02
1966-12-01		-0.39
1966-09-30		-0.52
1966-07-29		-0.45
1966-05-26		-0.33
1966-03-30		-0.31
1966-01-28		-0.36
1965-12-02		-0.59
1965-10-07		-0.54
1965-07-23		-0.49
1965-05-24		-0.43
1965-03-25		-0.42
1965-01-29		-0.34
1964-11-25		-0.80
1964-10-01		-0.59
1964-07-27		-0.27
1964-05-28		-0.47
1964-03-30		-0.46
1964-01-28		-0.95
1963-12-05		-1.05
1963-09-30		-0.68
1963-07-30		-0.49
1963-06-03		-0.34
1963-03-29		-0.38
1963-01-31		-0.52
1962-12-04		-0.51
1962-10-03		-0.27
1962-07-30		-0.07
1962-05-29		-0.05
1962-03-27		-0.32
1962-01-31		-0.59
1961-11-28		-0.88
1961-10-02		-0.76
1961-08-11		-1.36
1961-05-31		-1.81
1961-03-28		-2.17
1961-01-30		-2.59
1960-12-06		-2.44
1960-09-28		-2.48
1960-08-02		-2.53
1960-06-02		-2.44
1960-03-29		-2.60
1960-01-27		-2.79
1959-12-01		-3.22
1959-10-06		-3.19
1959-08-04		-2.92
1959-06-02		-2.44
1959-04-03		-2.21
1959-01-29		-2.39
1958-12-09		-2.56
1958-10-07		-2.86
1958-07-29		-2.68
1958-05-29		-2.68
1967-05-04		0.31
1967-02-24		0.09
1966-12-23		-0.43
1966-10-24		-0.65
1966-08-29		-0.52
1966-06-27		-0.30
1966-05-02		-0.33
1966-03-02		-0.31
1965-12-30		-0.50
1965-10-27		-0.85
1965-09-02		-0.61
1965-06-24		-0.52
1965-05-03		-0.45
1965-02-24		-0.42
1964-12-31		-0.65
1964-10-30		-0.72
1964-09-02		-0.32
1964-07-06		-0.39
1964-04-23		-0.49
1964-02-28		-0.55
1963-12-31		-1.08
1963-10-26		-0.88
1963-09-03		-0.58
1963-07-02		-0.45
1963-04-29		-0.52
1963-02-28		-0.52
1963-01-03		-0.60
1962-10-31		-0.37
1962-08-31		0.16
1962-07-02		-0.13
1962-04-26		-0.28
1962-03-05		-0.43
1961-12-20		-0.82
1961-10-31		-0.92
1961-08-30		-0.92
1961-06-20		-1.64
1961-04-26		-1.84
1961-03-01		-2.49
1960-12-27		-2.68
1960-11-02		-2.53
1960-08-30		-2.48
1960-06-30		-2.40
1960-05-04		-2.47
1960-03-08		-2.65
1960-01-05		-2.94
1959-11-02		-3.44
1959-09-03		-2.99
1959-07-02		-2.68
1959-05-06		-2.23
1959-03-02		-2.39
1959-01-07		-2.52
1958-10-30		-2.62
1958-08-28		-2.66
1958-06-30		-2.58
1958-05-01		-3.12

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1958-04-02		-3.35	1958-03-03		-3.73
1958-01-28		-3.59	1957-12-31		-3.68
1957-11-22		-3.83	1957-10-30		-3.88
1957-09-24		-3.64	1957-08-27		-3.62
1957-07-24		-3.54	1957-06-27		-3.43
1957-05-28		-3.35	1957-04-24		-3.38
1957-03-27		-3.53	1957-02-27		-3.46
1957-01-25		-3.54	1956-12-18		-3.80
1956-11-29		-3.70	1956-10-25		-3.75
1956-09-26		-3.61	1956-09-04		-3.40
1956-08-02		-3.31	1956-07-03		-3.56
1956-06-05		-3.48	1956-05-02		-3.66
1956-03-29		-4.01	1956-03-05		-4.16
1956-02-03		-4.35	1955-12-22		-4.69
1955-12-02		-4.87	1955-11-04		-5.17
1955-10-07		-5.95	1955-09-06		-6.10
1955-08-25		-6.05	1955-07-26		-4.99
1955-06-23		-4.71	1955-05-25		-4.70
1955-04-26		-4.71	1955-03-29		-4.85
1955-02-21		-4.72	1955-01-25		-5.21
1954-12-27		-5.60	1954-12-02		-5.74
1954-10-28		-5.96	1954-10-05		-5.85
1954-08-25		-6.16	1954-07-29		-6.24

E23
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000828809**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404146073571301		
Monloc name:	K 2040. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.696214
Longitude:	-73.9531936	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E24
SW
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000828816**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404147073571401		
Monloc name:	K 30. 2		
Monloc type:	Well		
Monloc desc:	OLD: K 30. 1		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.696214
Longitude:	-73.9534714	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.1
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	18
Welldepth units:	ft	Wellholedepth:	18
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 28

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-04-03		3.78	1984-12-18		4.16
1984-10-05		5.26	1984-06-27		5.96
1984-03-16		5.65	1984-01-05		5.27
1983-09-28		4.82	1983-06-29		5.56
1983-03-25		5.36	1982-12-21		4.84
1982-10-06		4.86	1982-06-01		4.66
1981-12-29		4.74	1981-09-23		5.10
1981-06-24		4.47	1981-03-20		4.84
1980-12-30		5.40	1980-09-23		7.38
1980-06-19		5.06	1980-03-13		5.13
1979-12-18		5.43	1979-09-17		5.86
1979-06-28		5.89	1978-12-22		5.71
1978-11-01		5.48	1978-10-26		5.96
1978-10-02		6.54	1978-09-27		5.72

F25
North
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000829242**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404226073564101		
Monloc name:	K 637. 1		
Monloc type:	Well		
Monloc desc:	4101		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7073249
Longitude:	-73.9443045	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	212
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

F26
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829262**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073563901		
Monloc name:	K 2533. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9437489	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	92
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

27
ESE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000828836**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404150073561301		
Monloc name:	K 255. 1		
Monloc type:	Well		
Monloc desc:	1301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6973251
Longitude:	-73.9365265	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	54.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	123
Welldepth units:	ft	Wellholedepth:	123
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

G28
East
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829002**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404204073561001		
Monloc name:	K 2136. 1		
Monloc type:	Well		
Monloc desc:	1001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7012139
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	112
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

G29
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000829003**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404204073561008		
Monloc name:	K 236. 1		
Monloc type:	Well		
Monloc desc:	1008		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7012139
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	130
Welldepth units:	ft	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 52

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-12-17		-8.30	1954-06-29		-9.31
1954-05-27		-8.45	1954-04-28		-10.08
1954-03-30		-9.85	1954-02-25		-9.49
1954-01-28		-10.11	1953-12-23		-10.76
1953-12-02		-10.78	1953-10-28		-10.03
1953-10-02		-11.58	1953-08-28		-11.23
1953-08-03		-11.25	1953-06-24		-10.48
1953-05-25		-10.59	1953-04-27		-11.85
1953-03-24		-12.38	1953-02-27		-12.18
1953-02-05		-12.68	1952-12-24		-12.74
1952-12-05		-12.60	1952-11-03		-13.70
1952-09-23		-16.95	1952-08-25		-16.73
1952-07-23		-17.79	1952-06-24		-17.05
1952-05-27		-17.69	1952-04-29		-19.03
1952-03-24		-19.20	1952-02-20		-20.10
1952-01-29		-20.88	1951-12-20		-22.55
1951-11-28		-22.59	1951-09-26		-24.85
1951-08-28		-25.66	1951-07-26		-25.95
1951-06-28		-25.47	1951-05-29		-26.24

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1951-05-02		-26.53	1951-03-27		-26.63
1951-02-26		-26.78	1951-01-30		-27.90
1950-12-20		-28.49	1950-11-28		-28.00
1950-10-31		-27.98	1950-09-27		-29.66
1950-08-29		-29.53	1950-07-27		-29.04
1950-06-29		-27.59	1950-06-05		-26.28
1950-04-27		-28.80	1950-03-29		-28.80

30
South **FED USGS** **USGS40000828715**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404132073564301		
Monloc name:	K 249. 1		
Monloc type:	Well		
Monloc desc:	4301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6923252
Longitude:	-73.94486	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	175
Welldepth units:	ft	Wellholedepth:	175
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

31
NW **FED USGS** **USGS40000829203**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404223073571601		
Monloc name:	K 717. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7064915
Longitude:	-73.954027	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	202
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

32
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828770**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404139073571701		
Monloc name:	K 95. 1		
Monloc type:	Well		
Monloc desc:	1701		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6942696
Longitude:	-73.9543047	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

33
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829291**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404231073563301		
Monloc name:	K 426. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7087137
Longitude:	-73.9420822	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	38.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	140
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

34
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000829320**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404233073564401		
Monloc name:	K 715. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7092693
Longitude:	-73.9451378	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	36.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	120
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H35
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000829031**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404206073560501		
Monloc name:	K 1153. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7017694
Longitude:	-73.9343042	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	42.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	103
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H36
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000829032**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404206073560503		
Monloc name:	K 1273. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7017694
Longitude:	-73.9343042	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	40.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	275
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

I37
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829261**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073562301		
Monloc name:	K 37. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9393043	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

I38
NNE **FED USGS** **USGS40000829273**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404229073562301		
Monloc name:	K 1490. 1		
Monloc type:	Well		
Monloc desc:	2301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7081582
Longitude:	-73.9393043	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	135
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H39
East **FED USGS** **USGS40000829001**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404204073560201		
Monloc name:	K 1336. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7012139
Longitude:	-73.9334708	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	163
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

H40
ENE **FED USGS** **USGS40000829052**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404208073560201		
Monloc name:	K 36. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.702325
Longitude:	-73.9334708	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	35.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	115
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

J41
NE **FED USGS** **USGS40000829234**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073561301		
Monloc name:	K 1130. 1		
Monloc type:	Well		
Monloc desc:	1301		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9365265	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	89
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

42
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829263**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404228073571801		
Monloc name:	K 670. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7078804
Longitude:	-73.9545825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	165
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

43
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828781**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404142073560708		
Monloc name:	K 92. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6951029
Longitude:	-73.9348597	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	185
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 439

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-01-11		0.40	1959-10-08		0.51
1959-07-21		0.73	1958-01-10		-0.15
1957-09-24		-0.30	1957-06-27		0.15
1957-03-27		0.53	1956-12-18		0.36
1956-11-29		0.37	1956-10-25		0.05
1956-10-02		0.05	1956-08-02		-0.13
1956-07-11		-0.01	1956-06-05		0.02
1956-05-15		-0.05	1956-03-05		-0.34
1956-02-07		-0.47	1955-12-22		-1.34
1955-11-15		-1.12	1955-10-07		-1.27
1955-08-25		-1.69	1955-07-28		-1.62
1955-06-23		-1.56	1955-05-25		-1.15
1955-04-26		-1.24	1955-03-29		-1.44
1955-02-25		-1.43	1955-01-25		-1.68
1954-12-27		-1.99	1954-06-29		-2.45
1954-04-28		-2.24	1954-03-30		-2.38
1954-02-25		-2.51	1954-01-28		-2.78
1953-12-23		-3.30	1953-12-02		-3.43
1953-10-28		-3.86	1953-10-01		-4.17
1953-08-28		-4.06	1953-08-03		-4.40
1953-06-24		-4.45	1953-05-22		-4.41
1953-04-27		-4.64	1953-03-24		-5.29
1953-02-27		-5.68	1953-02-05		-6.12
1952-12-24		-6.98	1952-12-05		-7.35
1952-11-03		-8.23	1952-09-22		-8.82
1952-08-25		-9.25	1952-07-23		-9.64
1952-06-24		-9.99	1952-05-27		-10.33
1952-04-29		-10.64	1952-03-24		-10.95
1952-02-20		-11.37	1952-01-29		-11.64
1951-12-20		-11.99	1951-11-28		-12.18
1951-11-01		-12.27	1951-09-26		-12.46
1951-08-28		-12.59	1951-07-26		-12.54
1951-06-28		-12.60	1951-05-29		-12.34
1951-05-02		-12.13	1951-03-27		-12.56
1951-02-26		-12.75	1951-01-30		-13.05
1950-12-20		-13.40	1950-11-28		-13.61
1950-10-31		-13.99	1950-09-27		-14.20
1950-08-29		-14.05	1950-07-27		-13.93
1950-06-29		-13.71	1950-06-05		-13.39
1950-04-27		-13.29	1950-03-29		-13.43
1950-03-01		-13.63	1950-01-26		-14.01

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1949-12-28		-14.45
1949-10-31		-15.35
1949-08-31		-15.78
1949-06-30		-16.17
1949-04-28		-16.48
1949-02-21		-17.52
1948-12-28		-18.68
1948-11-04		-19.04
1948-08-30		-19.58
1948-07-01		-19.90
1948-04-27		-20.19
1948-03-02		-20.33
1948-01-07		-21.16
1947-11-26		-21.73
1947-10-31		-22.23
1947-10-07		-22.57
1947-09-15		-22.75
1947-08-13		-22.83
1947-07-23		-22.82
1947-07-07		-22.71
1947-07-01		-22.69
1947-06-24		-22.69
1947-05-07		-22.66
1947-03-05		-22.57
1946-12-27		-22.43
1946-10-22		-22.60
1946-08-30		-21.95
1946-07-01		-21.95
1946-05-10		-21.78
1946-03-18		-21.50
1946-01-08		-21.55
1945-11-06		-22.12
1945-09-12		-22.38
1945-07-03		-22.04
1945-04-27		-21.65
1945-03-03		-21.26
1945-01-02		-22.09
1944-10-27		-22.68
1944-09-02		-22.98
1944-07-05		-22.64
1944-05-05		-22.12
1944-02-26		-22.94
1944-01-01		-22.93
1943-10-30		-22.82
1943-07-31		-21.68
1943-05-29		-21.61
1943-03-27		-21.88
1943-01-30		-22.20
1942-12-26		-22.48
1942-12-12		-22.56
1942-11-28		-22.68
1942-11-14		-22.81
1942-10-31		-22.98
1942-10-17		-23.19
1942-10-03		-23.41
1949-11-28		-14.89
1949-09-28		-15.52
1949-07-28		-16.00
1949-06-01		-16.23
1949-04-05		-16.79
1949-01-27		-18.15
1948-12-09		-18.80
1948-10-04		-19.30
1948-07-26		-19.83
1948-06-02		-19.95
1948-03-26		-20.17
1948-02-03		-20.77
1947-12-16		-21.55
1947-11-20		-21.85
1947-10-14		-22.47
1947-09-30		-22.65
1947-08-27		-22.81
1947-07-30		-22.81
1947-07-16		-22.77
1947-07-02		-22.70
1947-06-30		-22.71
1947-05-27		-22.67
1947-04-04		-22.61
1947-01-27		-22.51
1946-11-26		-22.34
1946-09-26		-22.22
1946-07-26		-22.04
1946-06-18		-21.85
1946-04-12		-21.67
1946-02-15		-21.41
1945-12-04		-21.91
1945-09-28		-22.38
1945-08-08		-22.28
1945-06-04		-21.84
1945-04-04		-21.54
1945-02-06		-21.62
1944-12-06		-22.17
1944-10-04		-22.98
1944-07-31		-22.84
1944-05-27		-22.29
1944-04-01		-21.71
1944-01-29		-22.89
1943-11-27		-22.90
1943-08-28		-21.70
1943-06-26		-21.65
1943-05-01		-21.72
1943-02-27		-22.08
1943-01-02		-22.41
1942-12-19		-22.52
1942-12-05		-22.64
1942-11-21		-22.75
1942-11-07		-22.90
1942-10-24		-23.10
1942-10-10		-23.30
1942-09-26		-23.40

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-09-19		-23.35
1942-09-05		-23.31
1942-08-22		-23.25
1942-08-08		-23.15
1942-07-25		-22.98
1942-07-11		-22.78
1942-06-20		-22.38
1942-06-06		-22.10
1942-05-23		-22.03
1942-05-09		-22.08
1942-04-25		-22.12
1942-04-11		-22.18
1942-03-28		-22.25
1942-03-14		-22.30
1942-02-28		-22.39
1942-02-14		-22.45
1942-01-31		-22.54
1942-01-17		-22.67
1942-01-03		-22.81
1941-12-20		-22.93
1941-12-06		-23.08
1941-11-22		-23.27
1941-11-08		-23.48
1941-10-25		-23.72
1941-10-11		-24.00
1941-09-27		-24.04
1941-09-13		-23.90
1941-08-30		-23.72
1941-08-16		-23.52
1941-08-02		-23.29
1941-07-19		-23.02
1941-07-05		-22.73
1941-06-21		-22.35
1941-06-07		-22.03
1941-05-24		-21.76
1941-05-10		-21.45
1941-04-26		-21.31
1941-04-12		-21.38
1941-03-29		-21.45
1941-03-15		-21.56
1941-03-01		-21.68
1941-02-15		-21.80
1941-02-01		-21.93
1941-01-18		-22.07
1941-01-04		-22.22
1940-12-21		-22.41
1940-12-07		-22.63
1940-11-23		-22.89
1940-11-09		-23.17
1940-10-26		-23.49
1940-10-12		-23.81
1940-09-28		-23.98
1940-09-14		-23.97
1940-08-31		-23.83
1940-08-17		-23.79
1942-09-12		-23.34
1942-08-29		-23.29
1942-08-15		-23.20
1942-08-01		-23.04
1942-07-18		-22.86
1942-06-27		-22.53
1942-06-13		-22.24
1942-05-30		-22.04
1942-05-16		-22.06
1942-05-02		-22.10
1942-04-18		-22.15
1942-04-04		-22.23
1942-03-21		-22.25
1942-03-07		-22.36
1942-02-21		-22.41
1942-02-07		-22.49
1942-01-24		-22.61
1942-01-10		-22.71
1941-12-27		-22.85
1941-12-13		-22.99
1941-11-29		-23.17
1941-11-15		-23.36
1941-11-01		-23.59
1941-10-18		-23.85
1941-10-04		-24.08
1941-09-20		-23.97
1941-09-06		-23.80
1941-08-23		-23.62
1941-08-09		-23.41
1941-07-26		-23.15
1941-07-12		-22.86
1941-06-28		-22.54
1941-06-14		-22.17
1941-05-31		-21.89
1941-05-17		-21.61
1941-05-03		-21.29
1941-04-19		-21.34
1941-04-05		-21.41
1941-03-22		-21.50
1941-03-08		-21.61
1941-02-22		-21.73
1941-02-08		-21.88
1941-01-25		-22.01
1941-01-11		-22.15
1940-12-28		-22.32
1940-12-14		-22.53
1940-11-30		-22.76
1940-11-16		-23.01
1940-11-02		-23.33
1940-10-19		-23.66
1940-10-05		-23.97
1940-09-21		-23.92
1940-09-07		-23.95
1940-08-24		-23.84
1940-08-10		-23.73

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1940-08-03		-23.64
1940-07-20		-23.64
1940-07-06		-23.38
1940-06-22		-23.23
1940-06-08		-23.01
1940-05-25		-22.84
1940-05-11		-22.86
1940-04-27		-22.83
1940-04-13		-22.84
1940-03-30		-22.84
1940-03-16		-22.89
1940-03-02		-22.92
1940-02-17		-23.02
1940-02-03		-23.00
1940-01-20		-23.01
1940-01-06		-23.05
1939-12-23		-23.07
1939-12-09		-23.21
1939-11-25		-23.61
1939-11-11		-24.00
1939-10-28		-24.21
1939-10-14		-24.33
1939-09-30		-24.46
1939-09-16		-24.21
1939-09-01		-24.32
1939-08-18		-24.25
1939-08-04		-24.20
1939-07-21		-24.05
1939-07-07		-23.94
1939-06-23		-23.82
1939-06-09		-23.73
1939-05-26		-23.54
1939-05-12		-23.41
1939-04-28		-23.35
1939-04-15		-23.37
1939-03-31		-23.66
1939-03-17		-23.77
1939-03-03		-23.74
1939-02-17		-23.84
1939-02-03		-23.93
1939-01-20		-24.06
1939-01-06		-24.21
1938-12-23		-24.35
1938-12-09		-24.53
1938-11-25		-24.57
1938-11-04		-24.69
1938-10-21		-24.80
1938-10-07		-24.99
1938-09-16		-25.23
1938-09-02		-25.25
1938-08-19		-25.04
1938-08-05		-24.85
1938-07-22		-24.61
1938-07-08		-24.15
1938-06-25		-24.06
1940-07-27		-23.61
1940-07-13		-23.40
1940-06-29		-23.20
1940-06-15		-23.12
1940-06-01		-22.85
1940-05-18		-22.83
1940-05-04		-22.81
1940-04-20		-22.81
1940-04-06		-22.85
1940-03-23		-22.85
1940-03-09		-22.92
1940-02-24		-22.93
1940-02-10		-22.96
1940-01-27		-23.01
1940-01-13		-23.04
1939-12-30		-23.06
1939-12-16		-23.14
1939-12-02		-23.40
1939-11-18		-23.82
1939-11-04		-24.16
1939-10-21		-24.25
1939-10-07		-24.38
1939-09-23		-24.35
1939-09-08		-24.35
1939-08-25		-24.29
1939-08-11		-24.24
1939-07-28		-23.81
1939-07-14		-23.99
1939-06-30		-23.85
1939-06-16		-23.79
1939-06-02		-23.64
1939-05-19		-23.47
1939-05-05		-23.30
1939-04-21		-23.40
1939-04-08		-23.52
1939-03-24		-23.73
1939-03-10		-23.68
1939-02-24		-23.80
1939-02-10		-23.89
1939-01-27		-24.04
1939-01-13		-24.12
1938-12-30		-24.28
1938-12-16		-24.42
1938-12-02		-24.53
1938-11-18		-24.60
1938-10-28		-24.73
1938-10-14		-24.88
1938-09-23		-25.15
1938-09-09		-25.28
1938-08-26		-25.15
1938-08-12		-24.92
1938-07-29		-24.71
1938-07-15		-24.51
1938-07-01		-24.21
1938-06-18		-23.71

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-06-11		-23.73	1938-06-04		-23.70
1938-05-28		-23.80	1938-05-21		-23.79
1938-05-14		-23.81	1938-05-07		-23.84
1938-04-30		-23.92	1938-04-23		-23.94
1938-04-16		-24.00	1938-04-09		-24.04
1938-04-02		-24.13	1938-03-26		-24.23
1938-03-19		-24.28	1938-03-12		-24.40
1938-03-05		-24.89	1938-02-26		-26.59
1938-02-19		-26.67	1938-02-12		-28.05
1938-02-04		-28.37	1938-01-28		-29.07
1938-01-21		-29.20	1938-01-14		-28.78
1938-01-07		-29.34	1937-12-31		-29.31
1937-12-24		-29.24	1937-12-18		-29.62
1937-12-11		-29.69			

J44
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829233**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073561001		
Monloc name:	K 955. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	72
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

45
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000828808**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404146073560201		
Monloc name:	K 952. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.696214
Longitude:	-73.9334708	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	67.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	122
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

46
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829139**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404217073573301		
Monloc name:	K 666. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7048249
Longitude:	-73.9587493	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	55.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	214
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

47
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829232**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404225073560701		
Monloc name:	K 893. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7070471
Longitude:	-73.9348598	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	118
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

K48
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000828957**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404201073555601		
Monloc name:	K 887. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7003806
Longitude:	-73.9318041	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	49.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	125
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

49
ENE **FED USGS** **USGS40000829063**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404209073555701		
Monloc name:	K 87. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7026028
Longitude:	-73.9320819	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	160
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 184

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-05-31		-9.41	1941-05-24		-9.39
1941-05-17		-9.36	1941-05-10		-9.36
1941-05-03		-9.32	1941-04-26		-9.30
1941-04-19		-9.27	1941-04-12		-9.27
1941-04-05		-9.25	1941-03-29		-9.25
1941-03-22		-9.24	1941-03-15		-9.24
1941-03-08		-9.22	1941-03-01		-9.22
1941-02-22		-9.22	1941-02-15		-9.22
1941-02-08		-9.22	1941-02-01		-9.23
1941-01-25		-9.23	1941-01-18		-9.24
1941-01-11		-9.24	1941-01-04		-9.26
1940-12-28		-9.25	1940-12-21		-9.24
1940-12-14		-9.20	1940-12-07		-9.19
1940-11-30		-9.16	1940-11-23		-9.13
1940-11-16		-9.13	1940-11-09		-9.10
1940-11-02		-9.05	1940-10-26		-9.03
1940-10-19		-8.98	1940-10-12		-8.92
1940-10-05		-8.91	1940-09-28		-8.88
1940-09-21		-8.82	1940-09-14		-8.74

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1940-09-07		-8.67
1940-08-24		-8.55
1940-08-10		-8.50
1940-07-20		-8.86
1940-07-06		-8.72
1940-06-22		-8.45
1940-06-08		-7.91
1940-05-25		-7.79
1940-05-11		-7.77
1940-04-27		-7.73
1940-04-13		-7.69
1940-03-30		-7.69
1940-03-16		-7.69
1940-03-02		-7.68
1940-02-17		-7.69
1940-02-03		-8.47
1940-01-20		-8.43
1940-01-06		-8.73
1939-12-23		-8.73
1939-12-09		-8.56
1939-11-25		-8.92
1939-11-11		-8.91
1939-10-28		-8.98
1939-10-14		-8.98
1939-09-30		-8.87
1939-09-16		-7.92
1939-09-01		-7.82
1939-08-18		-7.70
1939-08-04		-7.60
1939-07-07		-7.33
1939-06-23		-7.33
1939-06-09		-7.38
1939-05-26		-7.41
1939-05-12		-7.48
1939-04-28		-7.48
1939-04-15		-7.50
1939-03-31		-7.61
1939-03-17		-7.69
1939-03-03		-7.92
1939-02-17		-7.72
1939-02-03		-7.79
1939-01-20		-7.86
1939-01-06		-7.93
1938-12-23		-8.00
1938-12-09		-8.07
1938-11-25		-8.13
1938-11-11		-8.16
1938-10-28		-8.22
1938-10-14		-8.27
1938-09-30		-8.33
1938-09-16		-8.38
1938-09-02		-8.34
1938-08-19		-8.26
1938-08-05		-8.18
1938-07-22		-8.08
1940-08-31		-8.51
1940-08-17		-8.44
1940-08-03		-8.34
1940-07-13		-8.70
1940-06-29		-7.98
1940-06-15		-8.10
1940-06-01		-7.83
1940-05-18		-7.78
1940-05-04		-7.75
1940-04-20		-7.72
1940-04-06		-7.60
1940-03-23		-7.71
1940-03-09		-7.71
1940-02-24		-7.71
1940-02-10		-8.44
1940-01-27		-8.37
1940-01-13		-8.51
1939-12-30		-8.58
1939-12-16		-8.77
1939-12-02		-8.70
1939-11-18		-9.02
1939-11-04		-8.93
1939-10-21		-8.92
1939-10-07		-8.82
1939-09-23		-7.99
1939-09-08		-7.87
1939-08-25		-7.76
1939-08-11		-7.63
1939-07-28		-7.53
1939-06-30		-7.33
1939-06-16		-7.36
1939-06-02		-7.39
1939-05-19		-7.45
1939-05-05		-7.46
1939-04-21		-7.48
1939-04-08		-7.52
1939-03-24		-7.69
1939-03-10		-7.63
1939-02-24		-7.70
1939-02-10		-7.74
1939-01-27		-7.85
1939-01-13		-7.89
1938-12-30		-7.95
1938-12-16		-8.03
1938-12-02		-8.13
1938-11-18		-8.17
1938-11-04		-8.21
1938-10-21		-8.24
1938-10-07		-8.29
1938-09-23		-8.36
1938-09-09		-8.36
1938-08-26		-8.28
1938-08-12		-8.22
1938-07-29		-8.13
1938-07-15		-8.08

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-07-08		-8.00	1938-07-01		-7.96
1938-06-25		-7.93	1938-06-18		-7.86
1938-06-11		-7.83	1938-06-04		-7.82
1938-05-28		-7.77	1938-05-21		-7.76
1938-05-14		-7.74	1938-05-07		-7.74
1938-04-30		-7.72	1938-04-23		-7.71
1938-04-16		-7.68	1938-04-09		-7.66
1938-04-02		-7.67	1938-03-26		-7.67
1938-03-19		-7.69	1938-03-12		-7.71
1938-03-05		-7.73	1938-02-26		-7.76
1938-02-19		-7.79	1938-02-12		-7.83
1938-02-04		-7.84	1938-01-28		-7.89
1938-01-21		-7.91	1938-01-14		-7.93
1938-01-07		-7.99	1937-12-31		-8.02
1937-12-24		-8.04	1937-12-18		-8.06
1937-12-11		-8.13	1937-12-04		-8.13
1937-11-27		-8.18	1937-11-20		-8.23
1937-11-13		-8.23	1937-11-08		-8.25

L50
NNE **FED USGS** **USGS40000829386**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404239073563301		
Monloc name:	K 724. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7109359
Longitude:	-73.9420822	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	48.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	137
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

L51
NNE **FED USGS** **USGS40000829385**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404239073563201		
Monloc name:	K 1283. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7109359
Longitude:	-73.9418044	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	45.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	240
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

52
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000829019**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404205073574001		
Monloc name:	K 1662. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7014916
Longitude:	-73.9606938	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	147
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

53
WNW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829091**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404212073573901		
Monloc name:	K 687. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.703436
Longitude:	-73.960416	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	43.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	200
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

K54
East
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000829000**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404204073555401		
Monloc name:	K 1031. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7012139
Longitude:	-73.9312485	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	49.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

55
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829248**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404227073573001		
Monloc name:	K 67. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7076026
Longitude:	-73.957916	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	47.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 475

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-10-07		13.99	1975-06-30		14.09
1975-03-26		15.35	1974-12-19		9.86
1974-09-04		9.70	1974-06-26		9.64
1974-03-19		9.89	1974-01-09		8.60
1973-10-02		10.47	1973-09-25		11.70
1973-07-09		4.20	1973-04-03		4.51
1972-12-27		4.38	1972-10-02		5.00
1972-07-10		4.90	1972-03-28		4.71
1972-01-13		4.63	1971-09-23		4.81
1971-03-08		6.91	1970-11-02		7.01
1970-03-13		4.41	1969-11-12		4.06
1969-09-03		3.48	1969-04-22		3.00
1968-11-06		2.61	1968-04-22		2.52
1967-10-20		2.07	1967-03-28		1.72
1966-10-24		1.29	1966-05-03		1.12
1965-10-27		1.02	1965-09-14		0.85
1965-05-03		0.89	1964-10-02		1.10
1964-04-23		1.15	1963-10-19		0.89
1963-04-29		1.18	1962-11-23		1.03

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1962-04-26		-0.25
1961-10-02		-2.51
1961-03-28		-6.02
1960-09-28		-3.96
1960-03-31		-0.96
1959-10-07		-1.05
1959-03-18		-1.14
1958-01-10		-2.02
1957-03-27		-1.90
1956-11-29		-1.52
1956-10-02		-1.15
1956-07-03		-0.34
1956-05-15		-0.44
1956-02-07		-1.17
1955-11-15		-1.89
1955-08-25		-3.01
1955-06-23		-3.46
1955-04-26		-3.64
1955-02-21		-4.20
1954-12-27		-4.60
1954-08-25		-5.63
1954-06-29		-5.50
1954-04-28		-5.10
1954-02-25		-4.83
1953-12-23		-4.80
1953-10-28		-5.00
1953-08-28		-5.82
1953-06-24		-6.31
1953-04-27		-6.88
1953-02-27		-7.71
1952-12-23		-8.77
1952-11-03		-9.45
1952-08-25		-10.52
1952-06-24		-11.04
1952-04-29		-11.60
1952-02-20		-12.48
1951-12-20		-13.14
1951-11-02		-13.69
1951-08-28		-14.33
1951-06-28		-14.42
1951-05-02		-14.49
1951-02-26		-14.94
1950-12-20		-15.31
1950-10-31		-15.55
1950-08-29		-16.10
1950-06-29		-15.88
1950-04-27		-15.63
1950-03-01		-15.70
1949-12-28		-16.00
1949-10-31		-16.29
1949-08-31		-16.98
1949-06-30		-17.15
1949-04-28		-17.18
1949-02-21		-17.65
1948-12-28		-18.04
1961-12-28		-0.96
1961-06-28		-4.80
1960-12-27		-5.64
1960-07-05		-2.45
1960-01-14		-1.24
1959-07-16		-1.34
1958-04-16		-2.07
1957-09-24		-2.67
1956-12-18		-1.57
1956-10-25		-1.45
1956-08-02		-0.67
1956-06-05		-0.35
1956-03-05		-1.05
1955-12-22		-1.36
1955-10-07		-2.36
1955-07-26		-3.37
1955-05-25		-3.49
1955-03-28		-3.89
1955-01-25		-4.29
1954-12-02		-4.73
1954-07-29		-5.70
1954-05-27		-5.26
1954-03-30		-5.00
1954-01-28		-4.82
1953-12-02		-4.80
1953-10-02		-5.39
1953-08-03		-6.07
1953-05-25		-6.51
1953-03-24		-7.38
1953-02-05		-8.10
1952-12-05		-8.99
1952-09-22		-10.08
1952-07-23		-10.92
1952-05-27		-11.28
1952-03-24		-12.02
1952-01-29		-12.74
1951-11-28		-13.42
1951-09-26		-14.15
1951-07-26		-14.38
1951-05-29		-14.38
1951-03-27		-14.80
1951-01-30		-15.10
1950-11-28		-15.40
1950-09-27		-15.80
1950-07-27		-16.05
1950-06-05		-15.58
1950-03-29		-15.65
1950-01-26		-15.80
1949-11-28		-16.15
1949-09-28		-16.54
1949-07-28		-17.06
1949-06-01		-16.97
1949-04-05		-17.32
1949-01-27		-17.82
1948-12-09		-18.25

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1948-11-04		-18.32
1948-08-30		-18.97
1948-06-30		-19.22
1948-04-27		-19.68
1947-11-26		-20.13
1947-10-31		-20.30
1947-10-07		-20.41
1947-09-15		-20.91
1947-08-13		-20.80
1947-07-23		-20.80
1947-07-07		-20.57
1947-07-01		-20.50
1947-05-27		-20.30
1947-04-04		-20.10
1947-01-24		-19.86
1946-11-26		-19.75
1946-09-26		-20.14
1946-07-26		-19.90
1946-06-10		-19.50
1946-04-12		-19.44
1946-02-15		-19.58
1945-12-04		-19.64
1945-09-28		-19.70
1945-08-08		-19.73
1945-06-04		-19.17
1945-04-04		-19.40
1945-01-02		-19.38
1944-10-28		-19.29
1944-09-02		-19.57
1944-07-05		-19.24
1944-05-05		-19.16
1944-02-26		-18.94
1944-01-01		-18.97
1943-10-30		-18.98
1943-08-28		-19.18
1943-06-26		-19.19
1943-05-01		-19.25
1943-02-27		-19.27
1943-01-02		-19.30
1942-12-12		-19.15
1942-11-28		-19.14
1942-11-14		-19.11
1942-10-31		-19.13
1942-10-17		-19.16
1942-09-26		-19.17
1942-09-12		-19.18
1942-08-29		-19.22
1942-08-15		-19.39
1942-08-01		-19.34
1942-07-18		-19.42
1942-07-04		-19.55
1942-06-20		-19.71
1942-06-06		-19.88
1942-05-23		-19.95
1942-05-09		-20.04
1948-10-04		-18.80
1948-07-26		-19.32
1948-06-01		-19.32
1947-12-16		-20.05
1947-11-20		-20.14
1947-10-14		-20.34
1947-09-30		-20.48
1947-08-27		-20.84
1947-07-30		-20.80
1947-07-16		-20.68
1947-07-02		-20.53
1947-06-24		-20.47
1947-05-07		-20.17
1947-03-05		-20.00
1946-12-27		-19.83
1946-10-22		-19.90
1946-09-16		-20.10
1946-07-01		-19.69
1946-05-10		-19.42
1946-03-18		-19.46
1946-01-08		-19.55
1945-11-06		-19.64
1945-09-12		-19.84
1945-07-03		-19.53
1945-04-27		-19.30
1945-03-03		-19.35
1944-12-06		-19.77
1944-10-04		-19.39
1944-07-31		-19.52
1944-05-27		-19.17
1944-03-30		-19.01
1944-01-29		-18.87
1943-11-27		-18.99
1943-09-25		-19.12
1943-07-31		-19.22
1943-05-29		-19.20
1943-03-27		-19.28
1943-01-30		-19.27
1942-12-26		-19.26
1942-12-05		-19.15
1942-11-21		-19.13
1942-11-07		-19.13
1942-10-24		-19.15
1942-10-10		-19.16
1942-09-19		-19.18
1942-09-05		-19.19
1942-08-22		-19.25
1942-08-08		-19.31
1942-07-25		-19.38
1942-07-11		-19.48
1942-06-27		-19.62
1942-06-13		-19.80
1942-05-30		-19.93
1942-05-16		-19.99
1942-05-02		-20.08

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1942-04-25		-20.11
1942-04-11		-20.15
1942-03-28		-20.21
1942-03-14		-20.24
1942-02-28		-20.30
1942-02-14		-20.35
1942-01-31		-20.46
1942-01-17		-20.52
1942-01-03		-20.59
1941-12-20		-20.63
1941-12-06		-20.69
1941-11-22		-20.74
1941-11-08		-20.74
1941-10-25		-20.74
1941-10-11		-20.75
1941-09-27		-20.74
1941-09-13		-20.73
1941-08-30		-20.71
1941-08-16		-20.69
1941-08-02		-20.67
1941-07-19		-20.62
1941-07-05		-20.58
1941-06-21		-20.54
1941-06-07		-20.50
1941-05-24		-20.48
1941-05-10		-20.45
1941-04-26		-20.41
1941-04-12		-20.38
1941-03-29		-20.35
1941-03-15		-20.33
1941-03-01		-20.31
1941-02-15		-20.32
1941-02-01		-20.30
1941-01-18		-20.29
1941-01-04		-20.28
1940-12-21		-20.26
1940-12-07		-20.25
1940-11-23		-20.22
1940-11-09		-20.21
1940-10-26		-20.22
1940-10-12		-20.20
1940-09-28		-20.19
1940-09-14		-20.13
1940-08-31		-20.07
1940-08-17		-20.03
1940-08-03		-19.99
1940-07-20		-19.98
1940-07-06		-19.96
1940-06-22		-19.92
1940-06-08		-19.88
1940-05-25		-19.90
1940-05-11		-19.85
1940-04-27		-19.84
1940-04-13		-19.82
1940-03-30		-19.81
1942-04-18		-20.14
1942-04-04		-20.16
1942-03-21		-20.24
1942-03-07		-20.26
1942-02-21		-20.30
1942-02-07		-20.37
1942-01-24		-20.49
1942-01-10		-20.55
1941-12-27		-20.61
1941-12-13		-20.66
1941-11-29		-20.71
1941-11-15		-20.74
1941-11-01		-20.74
1941-10-18		-20.74
1941-10-04		-20.74
1941-09-20		-20.73
1941-09-06		-20.73
1941-08-23		-20.69
1941-08-09		-20.67
1941-07-26		-20.64
1941-07-12		-20.60
1941-06-28		-20.56
1941-06-14		-20.52
1941-05-31		-20.49
1941-05-17		-20.45
1941-05-03		-20.45
1941-04-19		-20.41
1941-04-05		-20.37
1941-03-22		-20.35
1941-03-08		-20.31
1941-02-22		-20.31
1941-02-08		-20.35
1941-01-25		-20.30
1941-01-11		-20.28
1940-12-28		-20.28
1940-12-14		-20.27
1940-11-30		-20.25
1940-11-16		-20.21
1940-11-02		-20.22
1940-10-19		-20.21
1940-10-05		-20.19
1940-09-21		-20.14
1940-09-07		-20.10
1940-08-24		-20.05
1940-08-10		-20.02
1940-07-27		-19.99
1940-07-13		-19.97
1940-06-29		-19.91
1940-06-15		-19.91
1940-06-01		-19.91
1940-05-18		-19.87
1940-05-04		-19.87
1940-04-20		-19.80
1940-04-06		-19.78
1940-03-23		-19.80

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1940-03-16		-19.79
1940-03-02		-19.73
1940-02-17		-19.72
1940-02-03		-19.73
1940-01-20		-19.71
1940-01-06		-19.72
1939-12-23		-19.74
1939-12-09		-19.67
1939-11-25		-19.67
1939-11-11		-19.66
1939-10-28		-19.63
1939-10-14		-19.54
1939-09-30		-19.57
1939-09-16		-19.47
1939-09-01		-19.34
1939-08-18		-19.23
1939-08-04		-19.08
1939-07-21		-19.00
1939-07-07		-18.85
1939-06-23		-18.65
1939-06-09		-18.61
1939-05-26		-18.63
1939-05-12		-18.65
1939-04-28		-18.64
1939-04-08		-18.63
1939-03-24		-18.73
1939-03-10		-18.73
1939-02-17		-18.70
1939-02-03		-18.78
1939-01-13		-18.85
1938-12-30		-18.90
1938-12-09		-18.89
1938-11-18		-18.89
1938-11-04		-18.89
1938-10-21		-18.85
1938-10-07		-18.86
1938-09-16		-18.91
1938-09-02		-18.90
1938-08-12		-18.83
1938-07-29		-18.76
1938-07-01		-18.71
1938-04-23		-18.57
1938-04-09		-18.51
1938-03-26		-18.49
1938-03-12		-18.58
1938-02-26		-18.65
1938-02-12		-18.67
1938-01-28		-18.66
1938-01-14		-18.67
1937-12-31		-18.68
1937-12-18		-18.56
1937-12-04		-18.62
1937-11-20		-18.56
1937-11-08		-18.60
1940-03-09		-19.78
1940-02-24		-19.69
1940-02-10		-19.74
1940-01-27		-19.71
1940-01-13		-19.71
1939-12-30		-19.72
1939-12-16		-19.70
1939-12-02		-19.66
1939-11-18		-19.65
1939-11-04		-19.67
1939-10-21		-19.62
1939-10-07		-19.63
1939-09-23		-19.63
1939-09-08		-19.43
1939-08-25		-19.29
1939-08-11		-19.10
1939-07-28		-19.13
1939-07-14		-18.86
1939-06-30		-18.65
1939-06-16		-18.63
1939-06-02		-18.63
1939-05-19		-18.62
1939-05-05		-18.63
1939-04-21		-18.64
1939-03-31		-18.73
1939-03-17		-18.73
1939-02-24		-18.75
1939-02-10		-18.72
1939-01-27		-18.82
1939-01-06		-18.90
1938-12-16		-18.90
1938-11-25		-18.93
1938-11-11		-18.90
1938-10-28		-18.88
1938-10-14		-18.86
1938-09-30		-18.85
1938-09-09		-18.87
1938-08-19		-18.83
1938-08-05		-18.78
1938-07-22		-18.75
1938-06-25		-18.69
1938-04-16		-18.55
1938-04-02		-18.51
1938-03-19		-18.55
1938-03-05		-18.60
1938-02-19		-18.64
1938-02-04		-18.65
1938-01-21		-18.64
1938-01-07		-18.66
1937-12-24		-18.66
1937-12-11		-18.63
1937-11-27		-18.61
1937-11-13		-18.60

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

56
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829116**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404215073555501		
Monloc name:	K 894. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7042694
Longitude:	-73.9315263	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	282
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

57
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829373**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404238073571501		
Monloc name:	K 672. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7106581
Longitude:	-73.9537492	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	170
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

58
SSE **FED USGS** **USGS40000828626**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404120073563301		
Monloc name:	K 3482. 1		
Monloc type:	Well		
Monloc desc:	N/E CORNER OF GREENE AVE AND MARCY AVENUE		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6889919
Longitude:	-73.9420822	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		
Aquifer type:	Unconfined single aquifer		
Construction date:	20010717	Welldepth:	70
Welldepth units:	ft	Wellholedepth:	70
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

59
NE **FED USGS** **USGS40000829247**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404227073560001		
Monloc name:	K 3111. 1		
Monloc type:	Well		
Monloc desc:	0001		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7076027
Longitude:	-73.9329153	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	95
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

60
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828675**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404126073572501		
Monloc name:	K 256. 1		
Monloc type:	Well		
Monloc desc:	2501		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.6906585
Longitude:	-73.956527	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	174
Welldepth units:	ft	Wellholedepth:	206
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

61
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829364**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404237073561201		
Monloc name:	K 889. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7103804
Longitude:	-73.9356931	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Northern Atlantic Coastal Plain aquifer system		
Formation type:	Glacial Aquifer, Upper		

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Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	74
Welldepth units:	ft	Wellholedepth:	74
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 265

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-10-01		3.53	1985-05-21		4.48
1984-12-18		4.95	1984-10-05		5.16
1984-06-27		5.47	1984-03-15		5.13
1984-01-05		5.76	1983-09-29		4.96
1983-06-29		4.59	1983-03-25		3.96
1982-12-21		3.69	1982-10-06		3.86
1982-06-30		3.96	1982-04-02		4.19
1981-12-29		4.01	1981-09-23		4.10
1981-06-24		4.28	1981-03-18		5.36
1980-12-30		3.96	1980-09-23		5.06
1980-06-24		5.14	1980-03-13		4.02
1979-12-18		4.92	1979-09-17		4.57
1979-06-28		4.07	1979-03-26		5.46
1978-12-22		5.11	1978-10-02		5.94
1978-06-23		3.93	1978-04-04		4.06
1978-01-03		4.29	1977-09-22		3.81
1977-07-07		3.33	1977-03-29		2.60
1976-12-22		2.81	1976-09-23		3.25
1976-07-09		3.97	1976-06-28		3.21
1976-03-23		3.02	1975-12-16		3.17
1975-10-07		3.10	1975-06-30		2.80
1975-03-26		2.67	1974-12-19		1.99
1974-09-04		2.44	1974-06-26		2.58
1974-03-19		2.36	1974-01-09		2.26
1973-09-24		1.86	1973-07-02		2.22
1973-04-03		0.97	1972-12-27		1.70
1972-10-02		1.57	1972-07-10		1.94
1972-03-28		0.27	1972-01-13		0.44
1971-09-27		0.57	1971-03-08		1.08
1970-11-02		1.02	1970-03-13		1.52
1969-11-12		0.49	1969-09-05		0.24
1969-04-23		-0.34	1968-11-06		-3.34
1968-04-22		0.46	1967-10-20		-0.01
1967-03-28		-0.64	1966-10-24		-2.53
1966-05-03		-0.64	1965-10-28		-1.85
1965-09-14		-2.21	1964-10-30		-1.79
1964-04-27		-0.19	1963-11-05		-1.31
1963-04-29		-0.13	1962-12-04		-0.88
1962-04-26		-0.54	1961-12-28		-1.92
1961-10-02		-2.45	1961-03-28		-3.06
1960-12-27		-3.44	1960-09-28		-4.38
1960-07-05		-4.23	1960-03-31		-4.56
1960-01-14		-4.97	1959-10-07		-5.06
1959-07-17		-4.44	1959-03-18		-4.96
1958-01-10		-4.06	1957-09-24		-4.44
1957-06-27		-3.61	1957-03-27		-3.58
1956-12-18		-3.19	1956-11-29		-3.09
1956-10-25		-3.01	1956-10-02		-3.06
1956-08-02		-3.00	1956-07-11		-2.95
1956-06-05		-3.05	1956-05-15		-3.26

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel
1956-03-05		-3.53
1955-12-22		-3.74
1955-10-07		-4.61
1955-07-27		-4.72
1955-04-26		-4.91
1955-02-25		-5.33
1954-12-27		-5.61
1954-05-27		-6.72
1954-03-30		-6.87
1954-01-28		-7.19
1953-12-02		-7.25
1953-08-03		-7.45
1953-05-25		-7.91
1953-03-24		-8.82
1953-02-05		-9.37
1952-12-05		-10.54
1952-08-25		-12.22
1952-06-24		-13.11
1952-04-29		-14.33
1952-02-20		-15.88
1951-12-20		-16.98
1951-11-02		-17.86
1951-08-28		-18.53
1951-06-28		-19.39
1951-05-02		-20.22
1951-02-26		-21.64
1950-12-20		-24.01
1950-10-31		-24.76
1950-08-29		-24.63
1950-06-29		-24.52
1950-04-27		-24.97
1950-03-01		-25.44
1949-12-28		-25.78
1949-10-31		-25.53
1949-08-31		-25.62
1949-06-30		-25.89
1949-04-28		-26.14
1949-02-23		-27.08
1948-12-28		-27.87
1948-11-04		-28.60
1948-08-30		-29.46
1948-06-30		-30.77
1948-04-27		-32.12
1948-03-02		-33.43
1948-01-07		-35.55
1947-11-26		-36.76
1947-10-31		-37.15
1947-10-07		-37.17
1947-09-16		-37.00
1947-08-13		-36.15
1947-07-23		-35.29
1947-07-07		-35.95
1947-07-01		-36.32
1947-06-24		-37.12
1947-06-13		-37.06
1956-02-03		-3.69
1955-11-15		-4.04
1955-08-25		-4.74
1955-06-23		-4.43
1955-03-29		-5.07
1955-01-25		-5.34
1954-06-29		-6.25
1954-04-28		-6.79
1954-02-25		-7.02
1953-12-23		-7.15
1953-10-02		-7.61
1953-06-23		-7.47
1953-04-27		-8.26
1953-02-27		-9.10
1952-12-24		-10.14
1952-11-03		-11.13
1952-07-25		-12.62
1952-05-27		-13.84
1952-03-24		-15.09
1952-01-29		-16.33
1951-11-28		-17.37
1951-09-26		-18.29
1951-07-26		-18.97
1951-05-29		-19.79
1951-03-27		-20.97
1951-01-30		-22.36
1950-11-28		-24.60
1950-09-27		-24.78
1950-07-27		-24.48
1950-06-05		-24.63
1950-03-29		-24.90
1950-01-26		-25.69
1949-11-28		-25.76
1949-09-28		-25.59
1949-07-28		-25.72
1949-06-01		-26.02
1949-04-05		-26.39
1949-01-27		-27.47
1948-12-14		-28.03
1948-10-06		-28.94
1948-07-26		-30.22
1948-06-02		-31.35
1948-03-26		-32.84
1948-02-03		-34.37
1947-12-17		-35.93
1947-11-20		-36.87
1947-10-14		-37.22
1947-09-30		-37.13
1947-08-27		-36.56
1947-07-30		-35.58
1947-07-16		-35.21
1947-07-02		-36.46
1947-06-30		-36.69
1947-06-20		-37.16
1947-06-06		-36.95

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1947-05-29		-36.78	1947-05-23		-36.63
1947-05-17		-36.47	1947-05-16		-36.41
1947-05-10		-35.93	1947-05-03		-35.89
1947-04-26		-35.43	1947-04-19		-35.17
1947-04-18		-35.09	1947-03-29		-33.64
1947-03-22		-33.32	1947-03-08		-34.08
1947-03-01		-35.65	1947-02-22		-36.06
1947-02-15		-36.93	1947-02-08		-37.58
1947-02-01		-38.31	1947-01-25		-39.01
1947-01-18		-37.73	1947-01-10		-37.61
1946-10-19		-31.90	1946-10-12		-27.83
1946-10-05		-20.51	1946-09-23		-36.25
1946-09-16		-37.75	1946-08-30		-38.35
1946-08-19		-38.17	1946-07-30		-37.69
1946-07-08		-37.25	1946-06-10		-36.63
1946-05-27		-36.17	1946-05-20		-35.97
1946-05-13		-35.55	1946-05-06		-35.32
1946-04-29		-35.07	1946-04-22		-35.31
1946-04-15		-35.44	1946-04-08		-35.56
1946-04-01		-35.67	1946-03-25		-35.66
1946-03-18		-35.80	1946-03-11		-35.79
1946-03-04		-35.75	1946-02-25		-35.66
1946-02-18		-35.67	1946-02-11		-35.61
1946-01-08		-35.07	1945-12-03		-34.78
1945-11-06		-34.30	1945-09-28		-33.23
1945-09-12		-32.54	1945-08-08		-30.12
1945-07-23		-30.27	1945-07-03		-30.41
1945-06-04		-30.46			

62
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000829042**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404207073574801		
Monloc name:	K 664. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7020472
Longitude:	-73.9629161	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	17.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	179
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

M63
NNW **FED USGS** **USGS40000829478**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404248073570901		
Monloc name:	K 898. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7134358
Longitude:	-73.9520825	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	46
Welldepth units:	ft	Wellholedepth:	74
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

M64
NNW **FED USGS** **USGS40000829485**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404249073570801		
Monloc name:	K 673. 1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02030201	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.7137136
Longitude:	-73.9518047	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.0
Vert measure units:	feet	Vertacc measure val:	0.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	196
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000000029**

Api wellno:	31061236030000	Cnty:	New York
Hole:	23603	Sidetrck:	0
Completion:	0		
Well nm:	MPP - 5		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/28/2005	Dt spud:	03/28/2001
Dt comp:	01/18/2001	Well typ:	Stratigraphic
Dtd:	645		
Wl status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.95824		
Yloc:	40.70885		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Jersey City	Quadsec:	C
Deepestfor:	None Specified	Elevation:	19
Dt mod:	04/26/2006	Site id:	NYOG70000000029

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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September 18, 2013

Simon Dushinsky
The Rabsky Group
39 Heyward Street
Brooklyn, NY 11205

Re: **5-11 Whipple Street, Brooklyn, NY**
Block 2272 Lots 45, 46 and 147

Dear Mr. Dushinsky:

Environmental Business Consultants (EBC) performed a Limited Phase II subsurface investigation at the above referenced property on May 29, 2013 to assess the environmental condition of the property.

Property Description
The street address for the Site is 5-11 Whipple Street, Brooklyn, New York 11206. The Site is identified as Block 2272, Lots 45, 46 and 147 on the Borough of Brooklyn Tax Map (Kings County). The lots are located on the north side of Whipple Street and the intersection of Whipple Street and Flushing Avenue. Lot 45 has 25 feet of frontage on Whipple Street and Lots 46 and 147 have 37.5 feet of frontage on Whipple Street, and all three lots are 100 feet deep. The total area for the Site is approximately 10,000 ft^2 (0.23 acres).

Lots 45, 46 and 147 are currently undeveloped and are being used for vehicle parking.

Phase I Environmental Site Assessment
A Phase I Environmental Site Assessment (ESA) was completed by Environmental Business Consultants (EBC) in September 2013. Based upon this report, all three lots were originally developed with mixed use residential and commercial buildings in the late 1880's. Lots 45 and 46 have been vacant since 1977 and Lot 147 has been vacant since 1981.

All three lots have been assigned an E-designation (E-238) as part of the Broadway Triangle Re-zoning Area. A review of the Final Environmental Impact Statement (FEIS) (No. 09HPD019K) prepared as part of the Broadway Triangle Re-zoning project, indicates the following E-designations by Lot:

- Lot 45: designated as "E" Hazardous Materials/Air/Noise
- Lot 46: designated as "E" Hazardous Materials/Air/Noise
- Lot 147: designated as "E" Hazardous Materials/Air/Noise

Historic fill is likely to be present at depths as great as 10-12 feet below grade in the front portions of the lots based upon historic use of the properties and likelihood of the presence of historic cellars.

No other environmental concerns were identified as a result of the Phase I ESA. No registered underground/above ground tanks are associated with these properties.

Phase II Environmental Investigation
Soil Sampling

Six soil boring locations (B1 through B5 and B7) were selected as shown on **Figure 1** to gain representative soil quality information from across the site.

All borings were advanced with Geoprobe™ direct push equipment and sampled with a 5 foot macro core sampler using disposable acetate liners. Soil was characterized by a Qualified Environmental Professional (QEP) and field screened for the presence of volatile organic compounds (VOCs) using a photo-ionization detector (PID).

At each of the soil boring locations, soil samples were collected continuously from grade to a depth of 15 feet below grade. Retrieved sample cores were field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. Soil was characterized as fill materials in the top 0-5 feet followed by silty sands and sandy clays to the termination depth. Soil boring logs are attached in **Appendix A**.

A minimum of two soil samples were retained from the six boring locations, one surface sample representing the 0-2 foot interval and one sample at the interval(s) in which physical evidence of contamination or an elevated PID reading was observed. In the absence of such evidence samples were retained from interval representing the groundwater interface.

Groundwater Sampling
Four groundwater samples were collected as shown on **Figure 1** to gain representative groundwater quality information from across the site. Polyethylene tubing fitted with a stainless steel check valve was used to purge and collect groundwater samples from borings B1 through B4. Sample tubing was replaced between each sample location. Groundwater was encountered at approximately 10 feet below grade.

Sample Handling and Analysis
Collected samples were appropriately packaged, placed in coolers and shipped via laboratory dispatched courier for delivery to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). Select soil samples were analyzed for volatile organic compounds (VOCs) by USEPA method 8260, semi-volatile organic Compounds (SVOCs) by USEPA method 8270 (CP-51 List), RCRA Metals and TCLP Lead. Groundwater samples were analyzed for VOCs by USEPA Method 8260.

Results
Soil sample results were compared to the Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs) as presented in NYSDEC CP51 Soil Cleanup Guidance (10/21/10). Groundwater results were compared to the New York State 6NYCRR Part 703.5 Class GA groundwater standards. Analytical data for the soil samples are summarized in **Tables 1** through **4**, and a copy of the laboratory analytical report is included in **Appendix B**.

As presented in **Table 1**, only one VOC was detected within one of the 14 soil samples retained. Acetone was detected slightly above Unrestricted Use SCOs in sample B7 (10-12ft). No other VOCs were detected.

As presented in **Tables 2** and **3**, 4 SVOCs were detected above NYSDEC Restricted Residential Use SCOs in 4 of the 6 shallow soil samples and 1 deep sample. SVOC exceedences included benz(a)anthracene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene. The metals barium, lead and mercury were detected in shallow soil above Restricted Residential SCOs in all 6 shallow

samples. Overall, these findings are consistent with observations for shallow historic fill sites in areas throughout NYC.

As presented in **Table 4**, only one VOC was detected within one of the four groundwater samples obtained. Methyl t-butyl ether (MTBE) was detected above NYSDEC groundwater standards in MW2, at a concentration of 34 µg/L. No other VOCs were detected. As MTBE was not detected in any soil samples collected from the Site, and the sample was obtained adjacent to the southern property boundary, this is indicative of an off-site source of contamination.

Please call if you have any questions or would like to discuss the project further.

Very truly yours,
Environmental Business Consultants

Kristen DiScenza
Project Manager

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

FIGURES

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

KEY:

- Soil Boring Location
- Monitoring Well Location

EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
1808 MIDDLE COUNTRY ROAD. RIDGE. NY 11961
Phone: 631.504.6000
Fax: 631.924.2780

3-11 WHIPPLE STREET
BROOKLYN, NY

FIGURE 1 SITE SAMPLING LOCATIONS

TABLES

1808 Middle Country Road
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Phone 631.504.6000
Fax 631.924.2870

TABLE 1
5-11 Whipple Street,
Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5						B7			
			(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,1,1-Trichloroethane	680	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,1,2,2-Tetrachloroethane			-	-	-	-	ND	2.3	-	-	ND	3.2	-	-	ND	2.8	-	-	ND	3.8	-	-	-	-	ND	3.8	-	-	ND	3.2
1,1,2-Trichloroethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,1-Dichloroethane	270	26,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,1-Dichloroethene	330	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,1-Dichloropropene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2,3-Trichlorobenzene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2,3-Trichloropropane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2,4-Trichlorobenzene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2,4-Trimethylbenzene	3,600	52,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2-Dibromo-3-chloropropane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2-Dichlorobenzene	1,100	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2-Dichloroethane	20	3,100	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,2-Dichloropropane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,3,5-Trimethylbenzene	8,400	52,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,3-Dichlorobenzene	2,400	4,900	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,3-Dichloropropane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
1,4-Dichlorobenzene	1,800	13,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
2,2-Dichloropropane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
2-Chlorotoluene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
2-Hexanone (Methyl Butyl Ketone)			-	-	-	-	ND	19	-	-	ND	27	-	-	ND	23	-	-	ND	32	-	-	-	-	ND	32	-	-	ND	27
2-Isopropyltoluene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
4-Chlorotoluene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
4-Methyl-2-Pentanone			-	-	-	-	ND	19	-	-	ND	27	-	-	ND	23	-	-	ND	32	-	-	-	-	ND	32	-	-	ND	27
Acetone	50	100,000	-	-	-	-	ND	38	-	-	ND	32	-	-	ND	28	-	-	ND	38	-	-	-	-	ND	38	-	-	52	32
Acrylonitrile			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Benzene	60	4,800	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Bromobenzene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Bromochloromethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Bromodichloromethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Bromoform			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Bromomethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Carbon Disulfide			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Carbon tetrachloride	760	2,400	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Chlorobenzene	1,100	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Chloroethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Chloroform	370	49,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Chloromethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
cis-1,2-Dichloroethene	250	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
cis-1,3-Dichloropropene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Dibromochloromethane			-	-	-	-	ND	2.3	-	-	ND	3.2	-	-	ND	2.8	-	-	ND	3.8	-	-	-	-	ND	3.8	-	-	ND	3.2
Dichlorodifluoromethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Ethylbenzene	1,000	41,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Hexachlorobutadiene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Isopropylbenzene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
m&p-Xylenes	260	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Methyl Ethyl Ketone (2-Butanone)	120	100,000	-	-	-	-	ND	23	-	-	ND	32	-	-	ND	28	-	-	ND	38	-	-	-	-	ND	38	-	-	ND	32
Methyl t-butyl ether (MTBE)	930	100,000	-	-	-	-	ND	7.5	-	-	ND	11	-	-	ND	9.2	-	-	ND	13	-	-	-	-	ND	13	-	-	ND	11
Methylene chloride	50	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Naphthalene	12,000	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
n-Butylbenzene	12,000	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
n-Propylbenzene	3,900	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
o-Xylene	260	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
p-Isopropyltoluene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
sec-Butylbenzene	11,000	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Styrene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
tert-Butylbenzene	5,900	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Tetrachloroethene	1,300	19,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Tetrahydrofuran (THF)			-	-	-	-	ND	7.5	-	-	ND	11	-	-	ND	9.2	-	-	ND	13	-	-	-	-	ND	13	-	-	ND	11
Toluene	700	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Total Xylenes			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
trans-1,2-Dichloroethene	190	100,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
trans-1,3-Dichloropropene			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
trabs-1,4-dichloro-2-butene			-	-	-	-	ND	7.5	-	-	ND	11	-	-	ND	9.2	-	-	ND	13	-	-	-	-	ND	13	-	-	ND	11
Trichloroethene	470	21,000	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Trichlorofluoromethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Trichlorotrifluoroethane			-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Vinyl Chloride	20	900	-	-	-	-	ND	3.8	-	-	ND	5.4	-	-	ND	4.6	-	-	ND	6.4	-	-	-	-	ND	6.4	-	-	ND	5.3
Total BTEX Concentration							**0.0**				**0.0**				**0.0**				**0.0**						**0.0**				**0.0**	
Total VOCs Concentration							**0.0**				**0.0**				**0.0**				**0.0**						**0.0**				**52**	

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives
ND - Not-detected
RL - Reporting Limit
Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value
Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 2
5-11 Whipple Street,
Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5						B7			
			(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2-Dichlorobenzene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
1,2-Diphenylhydrazine			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
1,3-Dichlorobenzene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
1,4-Dichlorobenzene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
2,4-Dinitrotoluene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
2,6-Dinitrotoluene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
2-Chloronaphthalene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
2-Methylnaphthalene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
2-Nitroaniline			-	-	ND	1100	-	-	ND	11000	-	-	ND	11000	-	-	ND	11000	-	-	-	-	ND	1,100	-	-	ND	11000	-	-
3,3'-Dichlorobenzidine			-	-	ND	1500	-	-	ND	15000	-	-	ND	15000	-	-	ND	15000	-	-	-	-	ND	1,600	-	-	ND	15000	-	-
3-Nitroaniline			-	-	ND	1100	-	-	ND	11000	-	-	ND	11000	-	-	ND	11000	-	-	-	-	ND	1,100	-	-	ND	11000	-	-
4-Bromophenyl phenyl ether			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
4-Chloroaniline			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
4-Chlorophenyl phenyl ether			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
4-Nitroaniline			-	-	ND	1100	-	-	ND	11000	-	-	ND	11000	-	-	ND	11000	-	-	-	-	ND	1,100	-	-	ND	11000	-	-
Acenaphthene	20,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Acenaphthylene	100,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Anthracene	100,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Benz(a)anthracene	1,000	1,000	-	-	ND	260	-	-	ND	2600	-	-	**2,700**	2600	-	-	ND	2600	-	-	-	-	**730**	270	-	-	ND	2600	-	-
Benzidine			-	-	ND	1500	-	-	ND	15000	-	-	ND	15000	-	-	ND	15000	-	-	-	-	ND	1,600	-	-	ND	15000	-	-
Benzo(a)pyrene	1,000	1,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	1000	-	-	-	-	**980**	270	-	-	ND	2600	-	-
Benzo(b)fluoranthene	1,000	1,000	-	-	ND	260	-	-	**3,500**	2600	-	-	**3,900**	2600	-	-	**1,200**	1000	-	-	-	-	**1,100**	270	-	-	**3,000**	2600	-	-
Benzo(ghi)perylene	100,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	**680**	270	-	-	ND	2600	-	-
Benzo(k)fluoranthene	800	1,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Benzoic acid			-	-	ND	370	-	-	ND	3,700	-	-	ND	3,700	-	-	ND	3700	-	-	-	-	ND	390	-	-	ND	3700	-	-
Benzyl butyl phthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Bis(2-chloroethoxy)methane			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Bis(2-chloroethyl)ether			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Bis(2-chloroisopropyl)ether			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Bis(2-ethylhexyl)phthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Chrysene	1,000	1,000	-	-	ND	260	-	-	ND	2600	-	-	**2,700**	2600	-	-	ND	2600	-	-	-	-	**740**	270	-	-	ND	2600	-	-
Dibenz(a,h)anthracene	330	330	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	1000	-	-	-	-	ND	270	-	-	ND	2600	-	-
Dibenzofuran	7,000	59,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Diethyl phthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Dimethylphthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Di-n-butylphthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Di-n-octylphthalate			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Fluoranthene	100,000	100,000	-	-	ND	260	-	-	**4,100**	2600	-	-	**4,800**	2600	-	-	ND	2600	-	-	-	-	**620**	270	-	-	**3,200**	2600	-	-
Fluorene	30,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Hexachlorobenzene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Hexachlorobutadiene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Hexachlorocyclopentadiene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Hexachloroethane			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Indeno(1,2,3-cd)pyrene	500	500	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	**560**	270	-	-	ND	2600	-	-
Isophorone			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Naphthalene	12,000	100,000	-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Nitrobenzene			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
N-Nitrosodimethylamine			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
N-Nitrosodi-n-propylamine			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
N-Nitrosodiphenylamine			-	-	ND	260	-	-	ND	2600	-	-	ND	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	ND	2600	-	-
Phenanthrene	100,000	100,000	-	-	ND	260	-	-	**3,400**	2600	-	-	**4,200**	2600	-	-	ND	2600	-	-	-	-	ND	270	-	-	**2,900**	2600	-	-
Pyrene	100,000	100,000	-	-	ND	260	-	-	**3,500**	2600	-	-	**3,900**	2600	-	-	ND	2600	-	-	-	-	**870**	270	-	-	**2,600**	2600	-	-

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not-detected

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 3
5-11 Whipple Street,
Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1						B2				B3				B4				B5						B7			
			(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(11-13') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(12-14') µg/Kg		(0-2') µg/Kg		(8-10') µg/Kg		(10-12') µg/Kg		(0-2') µg/Kg		(10-12') µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Arsenic	13	16	**5.6**	0.8	-	-	-	-	**4.4**	0.7	-	-	**8.5**	0.7	-	-	**2.3**	0.7	-	-	**3.7**	0.7	-	-	-	-	**6.8**	0.7	-	-
Barium	350	350	**923**	0.4	-	-	-	-	**580**	0.35	-	-	**456**	0.37	-	-	**154**	0.34	-	-	**542**	0.37	-	-	-	-	**277**	0.37	-	-
Cadmium	2.5	2.5	**1.42**	0.4	-	-	-	-	**0.98**	0.35	-	-	**1.18**	0.37	-	-	**0.67**	0.34	-	-	**0.97**	0.37	-	-	-	-	**0.78**	0.37	-	-
Chromium			**105**	0.4	-	-	-	-	**21.7**	0.35	-	-	**20.1**	0.37	-	-	**10.1**	0.34	-	-	**17.1**	0.37	-	-	-	-	**17.9**	0.37	-	-
Lead	63	400	**1,490**	4	-	-	-	-	**227**	3.5	-	-	**414**	3.7	-	-	**76.4**	0.34	-	-	**251**	3.7	-	-	-	-	**395**	3.7	-	-
Mercury	0.18	0.81	**1.06**	0.07	-	-	-	-	**0.25**	0.06	-	-	**1.41**	0.08	-	-	BRL	0.09	-	-	**0.27**	0.09	-	-	-	-	**1.17**	0.09	-	-
Selenium	3.9	36	BRL	1.6	-	-	-	-	BRL	1.4	-	-	BRL	1.5	-	-	BRL	1.4	-	-	BRL	1.5	-	-	-	-	BRL	1.5	-	-
Silver	2	36	BRL	0.4	-	-	-	-	BRL	0.35	-	-	BRL	0.37	-	-	BRL	0.34	-	-	BRL	0.37	-	-	-	-	BRL	0.37	-	-
TCLP Lead			**6.23**	0.1					BRL	0.1			**0.21**	0.1			BRL	0.1			**0.56**	0.1					BRL	0.1		

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

BRL - Below Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 4
5-11 Whipple Street,
Brooklyn , New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		MW4 µg/L	
1,1,1,2-Tetrachlorothane	5	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloropropene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	0.6	ND	1	ND	1	ND	1	ND	1
1,2-Dichloropropane	0.94	ND	0.6	ND	0.6	ND	0.6	ND	0.6
1,2-Dibromoethane		ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
2,2-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
2-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
2-Hexanone (Methyl Butyl Ketone)		ND	5	ND	5	ND	5	ND	5
2-Isopropyltoluene	5	ND	1	ND	1	ND	1	ND	1
4-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-Pentanone		ND	5	ND	5	ND	5	ND	5
Acetone		ND	25	ND	25	ND	25	ND	25
Acrylonitrile	5	ND	5	ND	5	ND	5	ND	5
Benzene	1	ND	0.7	ND	0.7	ND	0.7	ND	0.7
Bromobenzene	5	ND	1	ND	1	ND	1	ND	1
Bromochloromethane	5	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromoform		ND	1	ND	1	ND	1	ND	1
Bromomethane	5	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide	60	ND	5	ND	5	ND	5	ND	5
Carbon tetrachloride	5	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	5	ND	1	ND	1	ND	1	ND	1
Chloroethane	5	ND	1	ND	1	ND	1	ND	1
Chloroform	7	ND	1	ND	1	ND	1	ND	1
Chloromethane	60	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromochloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromomethane	5	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	5	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	5	ND	1	ND	1	ND	1	ND	1
Hexachlorobutadiene	0.5	ND	0.4	ND	0.4	ND	0.4	ND	0.4
Isopropylbenzene	5	ND	1	ND	1	ND	1	ND	1
m&p-Xylenes	5	ND	1	ND	1	ND	1	ND	1
Methyl Ethyl Ketone (2-Butanone)		ND	5	ND	5	ND	5	ND	5
Methyl t-butyl ether (MTBE)	10	ND	1	**34**	5	ND	1	ND	1
Methylene chloride	5	ND	1	ND	1	ND	1	ND	1
Naphthalene	10	ND	1	ND	1	ND	1	ND	1
n-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
n-Propylbenzene	5	ND	1	ND	1	ND	1	ND	1
o-Xylene	5	ND	1	ND	1	ND	1	ND	1
p-Isopropyltoluene		ND	1	ND	1	ND	1	ND	1
sec-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1
tert-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	5	ND	1	ND	1	ND	1	ND	1
Tetrahydrofuran (THF)		ND	2.5	ND	2.5	ND	2.5	ND	2.5
Toluene	5	ND	1	ND	1	ND	1	ND	1
Total Xylenes	5	ND	2	ND	1	ND	1	ND	2
trans-1,2-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene	0.4	ND	0.5	ND	0.5	ND	0.5	ND	0.5
trans-1,4-dichloro-2-butene	5	ND	5	ND	5	ND	5	ND	5
Trichloroethene	5	ND	1	ND	1	ND	1	ND	1
Trichlorofluoromethane	5	ND	1	ND	1	ND	1	ND	1
Trichlorotrifluoroethane		ND	1	ND	1	ND	1	ND	1
Vinyl Chloride	2	ND	1	ND	1	ND	1	ND	1

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

APPENDIX A
BORING LOGS

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1

Location: Performed in northeast corner of site adjacent to trailer.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~9	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	11		0.0	6" - Construction sand with gravel. 3" - Brown sand with brick. 2" - Construction sand with gravel. **Retained soil sample B1 (0-2)*
	to 10	26		0.0	6" - Dark brown silty sand, gravel only at upper 1". 8" - Grey clay. 12" - Grey and tan sand. Saturated at lower 6". **Retained soil sample B1 (8-10)*
	to 15	34		0.0	12" - Saturated grey and tan sand with gravel, red rock. 22" - Saturated tan medium to fine sand. **Retained soil sample B1 (10-12)*
					**Collected GW sample GW1*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2

Location: Performed 30 feet from southern property line and 10 feet from eastern property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~11	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B2 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	24		0.0	4" - Asphalt and gravel. 5" - Fill material in brown silty sand matrix. 5" - Tan sand with brick, concrete, wood. 10" - Moist brown medium sand with gravel. **Retained soil sample B2 (0-2)*
	to 10	28		0.0	8" - Saturated tan sand with gravel. 10" - Tan and dark brown silt. 6" - Grey clay. 4" - Grey and tan medium sand.
	to 15	30		0.0	3" - Rock in grey sandy matrix. 9" - Tan fine to medium sand. 18" - Saturated tan silty sand. **Retained soil sample B2 (11-13)*
					**Collected GW sample GW2*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3

Location: Performed in northwest corner of site, 15 feet from northern and 50 feet from eastern property lines.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~10	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	22		0.0	3" - Loose top soil and gravel. 3" - Fill with construction sand and rock. 16" - Brown silty to medium sand. **Retained soil sample B3 (0-2)*
	to 10	24		0.0	5" - Brown silty sand with large gravel at 3". 12" - Grey clay. 4" - Grey and tan silty sand with fine gravel. 3" - Saturated tan medium sand.
	to 15	36		0.0	36" - Saturated tan and grey sand with some silty sand at ~ 11'. **Retained soil sample B3 (10-12)*
					**Collected GW sample GW3*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B4

Location: Performed 30 feet from southern property line and 50 feet from eastern property line.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~12	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

B4 (NTS)	DEPTH (ft below grade)	SAMPLES Recovery (in.)	SAMPLES Blow per 6 in.	SAMPLES PID (ppm)	SOIL DESCRIPTION
	0 to 5	18		0.0	5" - Loose asphalt and gravel. 10" - Brick and gravel in sandy matrix. 3" - Concrete. **Retained soil sample B4 (0-2)*
	5 to 10	24		0.0	4" - Brick. 3" - Moist tan and grey sand with gravel. 17" - Grey clay.
	10 to 15	37		0.0	10" - Grey silty clay. 6" - Saturated medium sand with some silt. 5" - Saturated dark grey to tan sand with gravel. 16" - Saturated tan sand. **Retained soil sample B4 (12-14)*
					**Collected GW sample GW4*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B5

Location: Performed 43 feet from northern property line and 10 feet from eastern property line.			Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York		Date / DTW	Ground Elevation
			Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe		~9	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013			None
Completion Depth: 15 feet	Geologist Sara Babyatsky			

B5 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	22		0.0	3" - Asphalt and gravel. 5" - Brown sand with fill. 3" - Concrete. 11" - Brick and concrete in sandy matrix. **Retained soil sample B5 (0-2)*
	to 10	8		0.0	8" - Saturated brick, asphalt, gravel, in dark brown, yellow, and grey sand. **Retained soil sample B5 (8-10)*
	to 15	22		0.0	7" - Grey coarse sand with glass, gravel. 8" - Grey to brown silty sand with 80% gravel. 7" - Brown to grey silty sand with mica, red stones, and some grey clay. **Retained soil sample B5 (10-12)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B7

Location: Performed 27 feet from northern property line and 85 feet from eastern property line.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TRG1305	Address: 3 - 11 Whipple Street, Brooklyn, New York	Date / DTW	Ground Elevation
		Groundwater depth	
Drilling Company: Eastern Environmental Solutions	Method: Geoprobe	~10	Well Specifications
Date Started: 5/29/2013	Date Completed: 5/29/2013		None
Completion Depth: 15 feet	Geologist Sara Babyatsky		

B7 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 5	24		0.0	6" - Asphalt, glass, and gravel. 18" - Firm dark brown silty sand with fine pieces of brick, coal, gravel. **Retained soil sample B7 (0-2)*
	to 10	32		0.0	18" - Medium to dark brown silt with some gravel. No odor. 1" - Shale-like rock. 12" - Grey clay. 1" - Brick.
	to 15	30		0.0	8" - Saturated medium grey sand with medium to fine gravel. 22" - Tan fine to silty sand with large gravel at upper 6". **Retained soil sample B7 (10-12)*

APPENDIX B
LABORATORY REPORT

1808 Middle Country Road
Ridge, NY 11961
Phone 631.504.6000
Fax 631.924.2870

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 13, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 3-11 WHIPPLE ST
Sample ID#s: BD85032 - BD85053

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

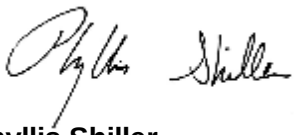
This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,



Phyllis Shiller

Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

June 13, 2013

SDG I.D.: GBD85032

8270 Analysis:
Some extracts required dilution due to the large presence of non-target hydrocarbon material, not all requested reporting levels could be achieved.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85032

Project ID: 3-11 WHIPPLE ST
Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	05/31/13	EK	SW6010
Arsenic	5.6	0.8	mg/Kg	05/31/13	EK	SW6010
Barium	923	0.40	mg/Kg	05/31/13	EK	SW6010
Cadmium	1.42	0.40	mg/Kg	05/31/13	EK	SW6010
Chromium	105	0.40	mg/Kg	05/31/13	EK	SW6010
Mercury	1.06	0.07	mg/Kg	05/31/13	RS	SW-7471
Lead	1490	4.0	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.6	1.6	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	6.23	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	85		%	05/30/13	JL	E160.3
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050

Project ID: 3-11 WHIPPLE ST
Client ID: B1 0-2

Phoenix I.D.: BD85032

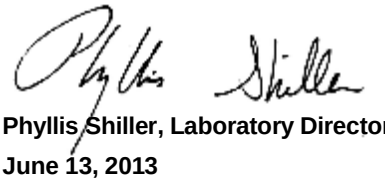
Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85033

Project ID: 3-11 WHIPPLE ST
Client ID: B1 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	87		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Semivolatiles						
1,2-Dichlorobenzene	ND	260	ug/Kg	05/31/13	DD	SW8270
1,2-Diphenylhydrazine	ND	260	ug/Kg	05/31/13	DD	SW8270
1,3-Dichlorobenzene	ND	260	ug/Kg	05/31/13	DD	SW8270
1,4-Dichlorobenzene	ND	260	ug/Kg	05/31/13	DD	SW8270
2,4-Dinitrotoluene	ND	260	ug/Kg	05/31/13	DD	SW8270
2,6-Dinitrotoluene	ND	260	ug/Kg	05/31/13	DD	SW8270
2-Chloronaphthalene	ND	260	ug/Kg	05/31/13	DD	SW8270
2-Methylnaphthalene	ND	260	ug/Kg	05/31/13	DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	05/31/13	DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	260	ug/Kg	05/31/13	DD	SW8270
4-Chloroaniline	ND	260	ug/Kg	05/31/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	05/31/13	DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
Acenaphthene	ND	260	ug/Kg	05/31/13	DD	SW8270
Acenaphthylene	ND	260	ug/Kg	05/31/13	DD	SW8270
Anthracene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benz(a)anthracene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benzidine	ND	1500	ug/Kg	05/31/13	DD	SW8270
Benzo(a)pyrene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benzo(b)fluoranthene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benzo(ghi)perylene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benzo(k)fluoranthene	ND	260	ug/Kg	05/31/13	DD	SW8270
Benzoic acid	ND	370	ug/Kg	05/31/13	DD	SW8270 LO

Project ID: 3-11 WHIPPLE ST
Client ID: B1 8-10

Phoenix I.D.: BD85033

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Benzyl alcohol	ND	260	ug/Kg	05/31/13	DD	SW8270	
Benzyl butyl phthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	260	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	05/31/13	DD	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Chrysene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Dibenzofuran	ND	260	ug/Kg	05/31/13	DD	SW8270	
Diethyl phthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Dimethylphthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Di-n-butylphthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Di-n-octylphthalate	ND	260	ug/Kg	05/31/13	DD	SW8270	
Fluoranthene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Fluorene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobenzene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobutadiene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Hexachloroethane	ND	260	ug/Kg	05/31/13	DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Isophorone	ND	260	ug/Kg	05/31/13	DD	SW8270	
Naphthalene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Nitrobenzene	ND	260	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodimethylamine	ND	260	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	260	ug/Kg	05/31/13	DD	SW8270	
Phenanthrene	ND	260	ug/Kg	05/31/13	DD	SW8270	
Pyrene	ND	260	ug/Kg	05/31/13	DD	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	80		%	05/31/13	DD	30 - 130 %	
% Nitrobenzene-d5	82		%	05/31/13	DD	30 - 130 %	
% Terphenyl-d14	58		%	05/31/13	DD	30 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B1 8-10

Phoenix I.D.: BD85033

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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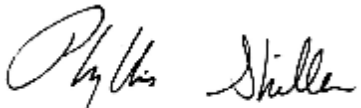

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85034

Project ID: 3-11 WHIPPLE ST
Client ID: B1 10-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/29/13		E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.3	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	19	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260

Project ID: 3-11 WHIPPLE ST
Client ID: B1 10-12

Phoenix I.D.: BD85034

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	19	ug/Kg	06/01/13	R/J	SW8260	
Acetone	ND	38	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	2.3	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	23	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	7.5	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	7.5	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	7.5	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	100		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	106		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B1 10-12

Phoenix I.D.: BD85034

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	104		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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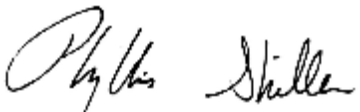

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85035

Project ID: 3-11 WHIPPLE ST
Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	05/31/13	EK	SW6010
Arsenic	4.4	0.7	mg/Kg	05/31/13	EK	SW6010
Barium	580	0.35	mg/Kg	05/31/13	EK	SW6010
Cadmium	0.98	0.35	mg/Kg	05/31/13	EK	SW6010
Chromium	21.7	0.35	mg/Kg	05/31/13	EK	SW6010
Mercury	0.25	0.06	mg/Kg	05/31/13	RS	SW-7471
Lead	227	3.5	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	89		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050
Semivolatiles						
1,2-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,2-Diphenylhydrazine	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,3-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,4-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,4-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,6-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Chloronaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Methylnaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270
3-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270

Project ID: 3-11 WHIPPLE ST
Client ID: B2 0-2

Phoenix I.D.: BD85035

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270	
Acenaphthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Acenaphthylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benz(a)anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270	
Benzo(a)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(b)fluoranthene	3500	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(ghi)perylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(k)fluoranthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzoic acid	ND	3700	ug/Kg	05/31/13	DD	SW8270	LO
Benzyl alcohol	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzyl butyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Chrysene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenz(a,h)anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenzofuran	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Diethyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dimethylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-butylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-octylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Fluoranthene	4100	2600	ug/Kg	05/31/13	DD	SW8270	
Fluorene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobutadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachloroethane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Isophorone	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Naphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Nitrobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodimethylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Phenanthrene	3400	2600	ug/Kg	05/31/13	DD	SW8270	
Pyrene	3500	2600	ug/Kg	05/31/13	DD	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Terphenyl-d14	*Diluted Out		%	05/31/13	DD	30 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B2 0-2

Phoenix I.D.: BD85035

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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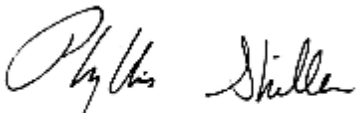

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85036

Project ID: 3-11 WHIPPLE ST
Client ID: B2 11-13

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/31/13	LB	E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	27	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260

Project ID: 3-11 WHIPPLE ST
Client ID: B2 11-13

Phoenix I.D.: BD85036

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	06/01/13	R/J	SW8260	
Acetone	ND	32	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	3.2	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	32	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	5.4	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	92		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	98		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B2 11-13

Phoenix I.D.: BD85036

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	99		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85037

Project ID: 3-11 WHIPPLE ST
Client ID: B3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/31/13	EK	SW6010
Arsenic	8.5	0.7	mg/Kg	05/31/13	EK	SW6010
Barium	456	0.37	mg/Kg	05/31/13	EK	SW6010
Cadmium	1.18	0.37	mg/Kg	05/31/13	EK	SW6010
Chromium	20.1	0.37	mg/Kg	05/31/13	EK	SW6010
Mercury	1.41	0.08	mg/Kg	05/31/13	RS	SW-7471
Lead	414	3.7	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	0.21	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	88		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050
Semivolatiles						
1,2-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,2-Diphenylhydrazine	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,3-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,4-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,4-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,6-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Chloronaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Methylnaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270
3-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270

Project ID: 3-11 WHIPPLE ST
Client ID: B3 0-2

Phoenix I.D.: BD85037

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270	
Acenaphthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Acenaphthylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benz(a)anthracene	2700	2600	ug/Kg	05/31/13	DD	SW8270	
Benzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270	
Benzo(a)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(b)fluoranthene	3900	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(ghi)perylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(k)fluoranthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzoic acid	ND	3700	ug/Kg	05/31/13	DD	SW8270	LO
Benzyl alcohol	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzyl butyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Chrysene	2700	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenz(a,h)anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenzofuran	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Diethyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dimethylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-butylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-octylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Fluoranthene	4800	2600	ug/Kg	05/31/13	DD	SW8270	
Fluorene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobutadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachloroethane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Isophorone	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Naphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Nitrobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodimethylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Phenanthrene	4200	2600	ug/Kg	05/31/13	DD	SW8270	
Pyrene	3900	2600	ug/Kg	05/31/13	DD	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Terphenyl-d14	*Diluted Out		%	05/31/13	DD	30 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B3 0-2

Phoenix I.D.: BD85037

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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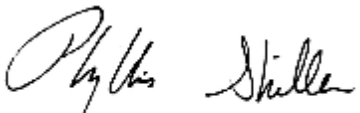

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
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Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85038

Project ID: 3-11 WHIPPLE ST
Client ID: B3 10-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/31/13	LB	E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	2.8	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	23	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260

Project ID: 3-11 WHIPPLE ST
Client ID: B3 10-12

Phoenix I.D.: BD85038

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	23	ug/Kg	06/01/13	R/J	SW8260	
Acetone	ND	28	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	2.8	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	28	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	9.2	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	9.2	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	9.2	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	4.6	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	91		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	100		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B3 10-12

Phoenix I.D.: BD85038

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	98		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85039

Project ID: 3-11 WHIPPLE ST
Client ID: B4 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/31/13	EK	SW6010
Arsenic	2.3	0.7	mg/Kg	05/31/13	EK	SW6010
Barium	154	0.34	mg/Kg	05/31/13	EK	SW6010
Cadmium	0.67	0.34	mg/Kg	05/31/13	EK	SW6010
Chromium	10.1	0.34	mg/Kg	05/31/13	EK	SW6010
Mercury	< 0.09	0.09	mg/Kg	05/31/13	RS	SW-7471
Lead	76.4	0.34	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	90		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050
Semivolatiles						
1,2-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
1,2-Diphenylhydrazine	ND	2600	ug/Kg	05/31/13	D/P	SW8270
1,3-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
1,4-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
2,4-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
2,6-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
2-Chloronaphthalene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
2-Methylnaphthalene	ND	2600	ug/Kg	05/31/13	D/P	SW8270
2-Nitroaniline	ND	11000	ug/Kg	05/31/13	D/P	SW8270
3,3'-Dichlorobenzidine	ND	15000	ug/Kg	05/31/13	D/P	SW8270
3-Nitroaniline	ND	11000	ug/Kg	05/31/13	D/P	SW8270
4-Bromophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	D/P	SW8270

Project ID: 3-11 WHIPPLE ST
Client ID: B4 0-2

Phoenix I.D.: BD85039

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
4-Chlorophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	05/31/13	D/P	SW8270	
Acenaphthene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Acenaphthylene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Anthracene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Benz(a)anthracene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Benzidine	ND	15000	ug/Kg	05/31/13	D/P	SW8270	
Benzo(a)pyrene	ND	1000	ug/Kg	05/31/13	D/P	SW8270	
Benzo(b)fluoranthene	1200	1000	ug/Kg	05/31/13	D/P	SW8270	
Benzo(ghi)perylene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Benzo(k)fluoranthene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Benzoic acid	ND	3700	ug/Kg	05/31/13	D/P	SW8270	LO
Benzyl alcohol	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Benzyl butyl phthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Bis(2-chloroethoxy)methane	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Bis(2-chloroethyl)ether	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Bis(2-chloroisopropyl)ether	ND	2600	ug/Kg	05/31/13	D/P	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Chrysene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Dibenz(a,h)anthracene	ND	1000	ug/Kg	05/31/13	D/P	SW8270	
Dibenzofuran	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Diethyl phthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Dimethylphthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Di-n-butylphthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Di-n-octylphthalate	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Fluoranthene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Fluorene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Hexachlorobenzene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Hexachlorobutadiene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Hexachlorocyclopentadiene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Hexachloroethane	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Isophorone	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Naphthalene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Nitrobenzene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
N-Nitrosodimethylamine	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
N-Nitrosodi-n-propylamine	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
N-Nitrosodiphenylamine	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Phenanthrene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
Pyrene	ND	2600	ug/Kg	05/31/13	D/P	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/31/13	D/P	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	05/31/13	D/P	30 - 130 %	
% Terphenyl-d14	*Diluted Out		%	05/31/13	D/P	30 - 130 %	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

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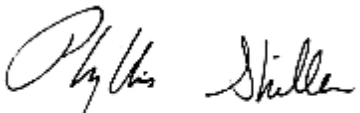

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85040

Project ID: 3-11 WHIPPLE ST
Client ID: B4 12-14

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/31/13	LB	E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	32	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260

Project ID: 3-11 WHIPPLE ST
Client ID: B4 12-14

Phoenix I.D.: BD85040

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	32	ug/Kg	06/01/13	R/J	SW8260	
Acetone	ND	38	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	38	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	91		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	99		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B4 12-14

Phoenix I.D.: BD85040

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	98		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85041

Project ID: 3-11 WHIPPLE ST
Client ID: B5 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/31/13	EK	SW6010
Arsenic	3.7	0.7	mg/Kg	05/31/13	EK	SW6010
Barium	542	0.37	mg/Kg	05/31/13	EK	SW6010
Cadmium	0.97	0.37	mg/Kg	05/31/13	EK	SW6010
Chromium	17.1	0.37	mg/Kg	05/31/13	EK	SW6010
Mercury	0.27	0.09	mg/Kg	06/03/13	RS	SW-7471
Lead	251	3.7	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	0.56	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	90		%	05/30/13	JL	E160.3
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050

Project ID: 3-11 WHIPPLE ST
Client ID: B5 0-2

Phoenix I.D.: BD85041

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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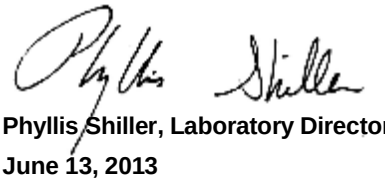

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85042

Project ID: 3-11 WHIPPLE ST
Client ID: B5 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	86		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Semivolatiles						
1,2-Dichlorobenzene	ND	270	ug/Kg	05/31/13	DD	SW8270
1,2-Diphenylhydrazine	ND	270	ug/Kg	05/31/13	DD	SW8270
1,3-Dichlorobenzene	ND	270	ug/Kg	05/31/13	DD	SW8270
1,4-Dichlorobenzene	ND	270	ug/Kg	05/31/13	DD	SW8270
2,4-Dinitrotoluene	ND	270	ug/Kg	05/31/13	DD	SW8270
2,6-Dinitrotoluene	ND	270	ug/Kg	05/31/13	DD	SW8270
2-Chloronaphthalene	ND	270	ug/Kg	05/31/13	DD	SW8270
2-Methylnaphthalene	ND	270	ug/Kg	05/31/13	DD	SW8270
2-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	1600	ug/Kg	05/31/13	DD	SW8270
3-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	270	ug/Kg	05/31/13	DD	SW8270
4-Chloroaniline	ND	270	ug/Kg	05/31/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	05/31/13	DD	SW8270
4-Nitroaniline	ND	1100	ug/Kg	05/31/13	DD	SW8270
Acenaphthene	ND	270	ug/Kg	05/31/13	DD	SW8270
Acenaphthylene	ND	270	ug/Kg	05/31/13	DD	SW8270
Anthracene	ND	270	ug/Kg	05/31/13	DD	SW8270
Benz(a)anthracene	730	270	ug/Kg	05/31/13	DD	SW8270
Benzidine	ND	1600	ug/Kg	05/31/13	DD	SW8270
Benzo(a)pyrene	980	270	ug/Kg	05/31/13	DD	SW8270
Benzo(b)fluoranthene	1100	270	ug/Kg	05/31/13	DD	SW8270
Benzo(ghi)perylene	680	270	ug/Kg	05/31/13	DD	SW8270
Benzo(k)fluoranthene	ND	270	ug/Kg	05/31/13	DD	SW8270
Benzoic acid	ND	390	ug/Kg	05/31/13	DD	SW8270 LO

Project ID: 3-11 WHIPPLE ST
Client ID: B5 8-10

Phoenix I.D.: BD85042

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Benzyl alcohol	ND	270	ug/Kg	05/31/13	DD	SW8270	
Benzyl butyl phthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	270	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	05/31/13	DD	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Chrysene	740	270	ug/Kg	05/31/13	DD	SW8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Dibenzofuran	ND	270	ug/Kg	05/31/13	DD	SW8270	
Diethyl phthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Dimethylphthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Di-n-butylphthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Di-n-octylphthalate	ND	270	ug/Kg	05/31/13	DD	SW8270	
Fluoranthene	620	270	ug/Kg	05/31/13	DD	SW8270	
Fluorene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobenzene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobutadiene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Hexachloroethane	ND	270	ug/Kg	05/31/13	DD	SW8270	
Indeno(1,2,3-cd)pyrene	560	270	ug/Kg	05/31/13	DD	SW8270	
Isophorone	ND	270	ug/Kg	05/31/13	DD	SW8270	
Naphthalene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Nitrobenzene	ND	270	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodimethylamine	ND	270	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	270	ug/Kg	05/31/13	DD	SW8270	
Phenanthrene	ND	270	ug/Kg	05/31/13	DD	SW8270	
Pyrene	870	270	ug/Kg	05/31/13	DD	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	84		%	05/31/13	DD	30 - 130 %	
% Nitrobenzene-d5	86		%	05/31/13	DD	30 - 130 %	
% Terphenyl-d14	56		%	05/31/13	DD	30 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B5 8-10

Phoenix I.D.: BD85042

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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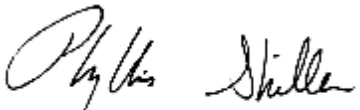

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85043

Project ID: 3-11 WHIPPLE ST
Client ID: B5 10-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/31/13	LB	E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	32	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	32	ug/Kg	06/01/13	R/J	SW8260	
Acetone	ND	38	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	3.8	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	38	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	6.4	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	91		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	103		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B5 10-12

Phoenix I.D.: BD85043

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	97		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85046

Project ID: 3-11 WHIPPLE ST
Client ID: B7 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/31/13	EK	SW6010
Arsenic	6.8	0.7	mg/Kg	05/31/13	EK	SW6010
Barium	277	0.37	mg/Kg	05/31/13	EK	SW6010
Cadmium	0.78	0.37	mg/Kg	05/31/13	EK	SW6010
Chromium	17.9	0.37	mg/Kg	05/31/13	EK	SW6010
Mercury	1.17	0.09	mg/Kg	06/03/13	RS	SW-7471
Lead	395	3.7	mg/Kg	05/31/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	05/31/13	EK	SW6010
TCLP Lead	< 0.10	0.10	mg/L	06/03/13	EK	SW6010
TCLP Metals Digestion	Completed			05/31/13	H/H	SW3005
Percent Solid	89		%	05/30/13	JL	E160.3
Soil Extraction for SVOA	Completed			05/30/13	BJ/FV	SW3545
Mercury Digestion	Completed			05/31/13	H/H	SW7471
TCLP Extraction for Metals	Completed			05/30/13	H	EPA 1311
Total Metals Digest	Completed			05/30/13	Z/AG	SW846 - 3050
Semivolatiles						
1,2-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,2-Diphenylhydrazine	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,3-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
1,4-Dichlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,4-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2,6-Dinitrotoluene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Chloronaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Methylnaphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270
2-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270
3-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270

Project ID: 3-11 WHIPPLE ST
Client ID: B7 0-2

Phoenix I.D.: BD85046

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Chloroaniline	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
4-Nitroaniline	ND	11000	ug/Kg	05/31/13	DD	SW8270	
Acenaphthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Acenaphthylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benz(a)anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzidine	ND	15000	ug/Kg	05/31/13	DD	SW8270	
Benzo(a)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(b)fluoranthene	3000	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(ghi)perylene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzo(k)fluoranthene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzoic acid	ND	3700	ug/Kg	05/31/13	DD	SW8270	LO
Benzyl alcohol	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Benzyl butyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	2600	ug/Kg	05/31/13	DD	SW8270	1
Bis(2-ethylhexyl)phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Chrysene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenz(a,h)anthracene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dibenzofuran	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Diethyl phthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Dimethylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-butylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Di-n-octylphthalate	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Fluoranthene	3200	2600	ug/Kg	05/31/13	DD	SW8270	
Fluorene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorobutadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Hexachloroethane	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Indeno(1,2,3-cd)pyrene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Isophorone	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Naphthalene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Nitrobenzene	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodimethylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	2600	ug/Kg	05/31/13	DD	SW8270	
Phenanthrene	2900	2600	ug/Kg	05/31/13	DD	SW8270	
Pyrene	2600	2600	ug/Kg	05/31/13	DD	SW8270	
QA/QC Surrogates							
% 2-Fluorobiphenyl	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Nitrobenzene-d5	*Diluted Out		%	05/31/13	DD	30 - 130 %	
% Terphenyl-d14	*Diluted Out		%	05/31/13	DD	30 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B7 0-2

Phoenix I.D.: BD85046

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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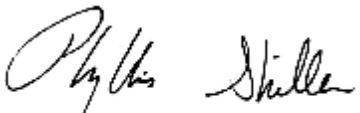

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85047

Project ID: 3-11 WHIPPLE ST
Client ID: B7 10-12

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/31/13	LB	E160.3
Field Extraction	Completed			05/29/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	06/01/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloroethene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,1-Dichloropropene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2-Dibromoethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,2-Dichloropropane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,3-Dichloropropane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
2,2-Dichloropropane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
2-Chlorotoluene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
2-Hexanone	ND	27	ug/Kg	06/01/13	R/J	SW8260
2-Isopropyltoluene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260
4-Chlorotoluene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260

Project ID: 3-11 WHIPPLE ST
Client ID: B7 10-12

Phoenix I.D.: BD85047

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	27	ug/Kg	06/01/13	R/J	SW8260	
Acetone	52	32	ug/Kg	06/01/13	R/J	SW8260	
Acrylonitrile	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Benzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Bromobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Bromochloromethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Bromodichloromethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Bromoform	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Bromomethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Carbon Disulfide	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Carbon tetrachloride	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Chlorobenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Chloroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Chloroform	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Chloromethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	1
Dibromochloromethane	ND	3.2	ug/Kg	06/01/13	R/J	SW8260	
Dibromomethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Ethylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Isopropylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
m&p-Xylene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	32	ug/Kg	06/01/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	06/01/13	R/J	SW8260	
Methylene chloride	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Naphthalene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
n-Butylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
n-Propylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
o-Xylene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
sec-Butylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Styrene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Tetrachloroethene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	06/01/13	R/J	SW8260	1
Toluene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Total Xylenes	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	06/01/13	R/J	SW8260	
Trichloroethene	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	06/01/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	06/01/13	R/J	70 - 130 %	
% Bromofluorobenzene	91		%	06/01/13	R/J	70 - 130 %	
% Dibromofluoromethane	102		%	06/01/13	R/J	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: B7 10-12

Phoenix I.D.: BD85047

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	97		%	06/01/13	R/J	70 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

%SOLIDS ASSUMED 100%

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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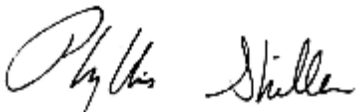

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85050

Project ID: 3-11 WHIPPLE ST
Client ID: GW 1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/31/13	H/P	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	05/31/13	H/P	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
2-Hexanone	ND	5	ug/L	05/31/13	H/P	SW8260	
2-Isopropyltoluene	ND	1	ug/L	05/31/13	H/P	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	05/31/13	H/P	SW8260	
Acetone	ND	25	ug/L	05/31/13	H/P	SW8260	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 1

Phoenix I.D.: BD85050

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5	ug/L	05/31/13	H/P	SW8260	
Benzene	ND	0.7	ug/L	05/31/13	H/P	SW8260	
Bromobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Bromodichloromethane	ND	0.5	ug/L	05/31/13	H/P	SW8260	
Bromoform	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Bromomethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Carbon Disulfide	ND	5	ug/L	05/31/13	H/P	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Chloroethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Chloroform	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Chloromethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/31/13	H/P	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	05/31/13	H/P	SW8260	
Dibromomethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	05/31/13	H/P	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Methyl ethyl ketone	ND	5	ug/L	05/31/13	H/P	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Methylene chloride	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Naphthalene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
o-Xylene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Styrene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/31/13	H/P	SW8260	1
Toluene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Total Xylenes	ND	2.0	ug/L	05/31/13	H/P	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/31/13	H/P	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	05/31/13	H/P	SW8260	
Trichloroethene	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/31/13	H/P	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	05/31/13	H/P	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/31/13	H/P	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/31/13	H/P	70 - 130 %	
% Bromofluorobenzene	99		%	05/31/13	H/P	70 - 130 %	
% Dibromofluoromethane	104		%	05/31/13	H/P	70 - 130 %	
% Toluene-d8	101		%	05/31/13	H/P	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 1

Phoenix I.D.: BD85050

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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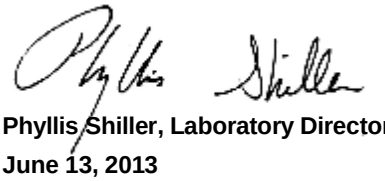

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85051

Project ID: 3-11 WHIPPLE ST
Client ID: GW 2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Acetone	ND	25	ug/L	05/31/13	H/T	SW8260	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 2

Phoenix I.D.: BD85051

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Benzene	ND	0.70	ug/L	05/31/13	H/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
Bromoform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/31/13	H/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/31/13	H/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	34	5.0	ug/L	05/31/13	H/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Styrene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/31/13	H/T	SW8260	1
Toluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/31/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/31/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Trichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/31/13	H/T	70 - 130 %	
% Bromofluorobenzene	103		%	05/31/13	H/T	70 - 130 %	
% Dibromofluoromethane	104		%	05/31/13	H/T	70 - 130 %	
% Toluene-d8	101		%	05/31/13	H/T	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 2

Phoenix I.D.: BD85051

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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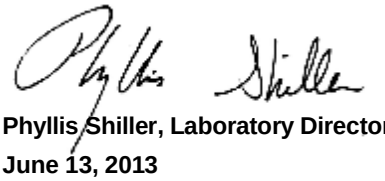

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85052

Project ID: 3-11 WHIPPLE ST
Client ID: GW 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Acetone	ND	25	ug/L	05/31/13	H/T	SW8260	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 3

Phoenix I.D.: BD85052

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Benzene	ND	0.70	ug/L	05/31/13	H/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
Bromoform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	0.50	ug/L	05/31/13	H/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/31/13	H/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/31/13	H/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Styrene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/31/13	H/T	SW8260	1
Toluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/31/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	0.50	ug/L	05/31/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/31/13	H/T	SW8260	
Trichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/31/13	H/T	70 - 130 %	
% Bromofluorobenzene	101		%	05/31/13	H/T	70 - 130 %	
% Dibromofluoromethane	103		%	05/31/13	H/T	70 - 130 %	
% Toluene-d8	100		%	05/31/13	H/T	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 3

Phoenix I.D.: BD85052

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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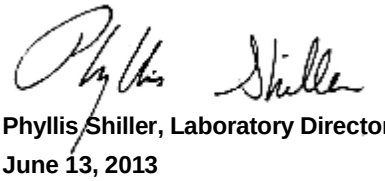

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 13, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/29/13	0:00
Location Code:	EBC	Received by:	SW	05/30/13	17:56
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD85032
Phoenix ID: BD85053

Project ID: 3-11 WHIPPLE ST
Client ID: GW 4

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	05/31/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloroethane	ND	0.6	ug/L	05/31/13	H/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
2-Hexanone	ND	5	ug/L	05/31/13	H/T	SW8260	
2-Isopropyltoluene	ND	1	ug/L	05/31/13	H/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	5	ug/L	05/31/13	H/T	SW8260	
Acetone	ND	25	ug/L	05/31/13	H/T	SW8260	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 4

Phoenix I.D.: BD85053

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acrylonitrile	ND	5	ug/L	05/31/13	H/T	SW8260	
Benzene	ND	0.7	ug/L	05/31/13	H/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromodichloromethane	ND	0.5	ug/L	05/31/13	H/T	SW8260	
Bromoform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Carbon Disulfide	ND	5	ug/L	05/31/13	H/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloroform	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	0.5	ug/L	05/31/13	H/T	SW8260	1
Dibromochloromethane	ND	0.5	ug/L	05/31/13	H/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Hexachlorobutadiene	ND	0.4	ug/L	05/31/13	H/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Methyl ethyl ketone	ND	5	ug/L	05/31/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Styrene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/31/13	H/T	SW8260	1
Toluene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Total Xylenes	ND	2.0	ug/L	05/31/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	0.5	ug/L	05/31/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5	ug/L	05/31/13	H/T	SW8260	
Trichloroethene	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/31/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	1	ug/L	05/31/13	H/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/31/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	104		%	05/31/13	H/T	70 - 130 %	
% Bromofluorobenzene	101		%	05/31/13	H/T	70 - 130 %	
% Dibromofluoromethane	87		%	05/31/13	H/T	70 - 130 %	
% Toluene-d8	99		%	05/31/13	H/T	70 - 130 %	

Project ID: 3-11 WHIPPLE ST
Client ID: GW 4

Phoenix I.D.: BD85053

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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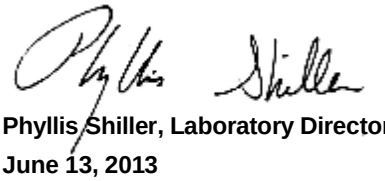

Phyllis Shiller, Laboratory Director
June 13, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD85032

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 232980, QC Sample No: BD71389 (BD85044, BD85046, BD85048)												
ICP Metals - TCLP Extraction												
Lead	BRL	<0.10	<0.10	NC	100	98.4	1.6	97.8	95.3	2.6	75 - 125	20
QA/QC Batch 232755, QC Sample No: BD84480 (BD85032, BD85035, BD85037, BD85039, BD85041)												
ICP Metals - TCLP Extraction												
Lead	BRL	<0.10	<0.10	NC	90.9	93.0	2.3	93.2	94.0	0.9	75 - 125	20
QA/QC Batch 232719, QC Sample No: BD84492 (BD85032, BD85035, BD85037, BD85039, BD85041, BD85044, BD85046, BD85048)												
ICP Metals - Soil												
Arsenic	BRL	2.0	1.78	NC	88.3	97.5	9.9	83.6	87.7	4.8	75 - 125	30
Barium	BRL	34.8	33.9	2.60	89.5	100	11.1	89.9	91.2	1.4	75 - 125	30
Cadmium	BRL	<0.38	<0.41	NC	92.8	101	8.5	85.6	88.1	2.9	75 - 125	30
Chromium	BRL	8.97	10.8	18.5	93.2	101	8.0	89.3	92.1	3.1	75 - 125	30
Lead	BRL	5.10	4.62	9.90	88.8	98.7	10.6	86.3	88.7	2.7	75 - 125	30
Selenium	BRL	<1.5	<1.7	NC	81.0	88.8	9.2	77.5	81.0	4.4	75 - 125	30
Silver	BRL	<0.38	<0.41	NC	92.8	96.6	4.0	91.1	94.8	4.0	75 - 125	30
QA/QC Batch 232976, QC Sample No: BD84653 (BD85032, BD85035, BD85037, BD85039)												
Mercury - Soil	BRL	<0.06	<0.06	NC	105	103	1.9	113	116	2.6	70 - 130	30
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 232977, QC Sample No: BD85072 (BD85041, BD85044, BD85046, BD85048)												
Mercury - Soil	BRL	<0.06	<0.07	NC	96.7	85.1	12.8	97.9	95.7	2.3	70 - 130	30
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												

PHOENIX

Environmental Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 13, 2013

QA/QC Data

SDG I.D.: GBD85032

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 233241, QC Sample No: BD84789 (BD85036, BD85038, BD85040, BD85043, BD85045, BD85047, BD85049)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	111	108	2.7	102	88	14.7	70 - 130	30	
1,1,1-Trichloroethane	ND	106	103	2.9	102	87	15.9	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	100	102	2.0	106	103	2.9	70 - 130	30	
1,1,2-Trichloroethane	ND	110	109	0.9	102	95	7.1	70 - 130	30	
1,1-Dichloroethane	ND	107	105	1.9	103	91	12.4	70 - 130	30	
1,1-Dichloroethene	ND	102	101	1.0	103	90	13.5	70 - 130	30	
1,1-Dichloropropene	ND	106	102	3.8	109	93	15.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	108	110	1.8	101	70	36.3	70 - 130	30	r
1,2,3-Trichloropropane	ND	107	107	0.0	105	99	5.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	104	105	1.0	101	62	47.9	70 - 130	30	m,r
1,2,4-Trimethylbenzene	ND	111	109	1.8	106	78	30.4	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	108	113	4.5	99	100	1.0	70 - 130	30	
1,2-Dibromoethane	ND	109	108	0.9	101	96	5.1	70 - 130	30	
1,2-Dichlorobenzene	ND	106	105	0.9	103	80	25.1	70 - 130	30	
1,2-Dichloroethane	ND	104	103	1.0	102	95	7.1	70 - 130	30	
1,2-Dichloropropane	ND	107	104	2.8	100	91	9.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	110	108	1.8	106	79	29.2	70 - 130	30	
1,3-Dichlorobenzene	ND	109	106	2.8	103	78	27.6	70 - 130	30	
1,3-Dichloropropane	ND	108	107	0.9	103	97	6.0	70 - 130	30	
1,4-Dichlorobenzene	ND	106	106	0.0	102	75	30.5	70 - 130	30	
2,2-Dichloropropane	ND	105	103	1.9	98	84	15.4	70 - 130	30	
2-Chlorotoluene	ND	110	108	1.8	102	80	24.2	70 - 130	30	
2-Hexanone	ND	99	99	0.0	67	67	0.0	70 - 130	30	m
2-Isopropyltoluene	ND	110	109	0.9	106	75	34.3	70 - 130	30	r
4-Chlorotoluene	ND	107	104	2.8	102	77	27.9	70 - 130	30	
4-Methyl-2-pentanone	ND	102	103	1.0	98	98	0.0	70 - 130	30	
Acetone	ND	85	88	3.5	43	43	0.0	70 - 130	30	m
Acrylonitrile	ND	102	105	2.9	106	105	0.9	70 - 130	30	
Benzene	ND	106	103	2.9	105	92	13.2	70 - 130	30	
Bromobenzene	ND	108	107	0.9	101	84	18.4	70 - 130	30	
Bromochloromethane	ND	103	103	0.0	102	94	8.2	70 - 130	30	
Bromodichloromethane	ND	109	107	1.9	102	89	13.6	70 - 130	30	
Bromoform	ND	113	113	0.0	99	91	8.4	70 - 130	30	
Bromomethane	ND	93	91	2.2	75	68	9.8	70 - 130	30	m
Carbon Disulfide	ND	92	90	2.2	99	85	15.2	70 - 130	30	
Carbon tetrachloride	ND	109	105	3.7	101	86	16.0	70 - 130	30	
Chlorobenzene	ND	110	107	2.8	104	87	17.8	70 - 130	30	
Chloroethane	ND	99	97	2.0	50	44	12.8	70 - 130	30	m
Chloroform	ND	107	105	1.9	103	91	12.4	70 - 130	30	
Chloromethane	ND	92	90	2.2	101	92	9.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	108	105	2.8	104	93	11.2	70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	109	108	0.9	100	90	10.5	70 - 130	30	
Dibromochloromethane	ND	111	111	0.0	101	92	9.3	70 - 130	30	
Dibromomethane	ND	109	107	1.9	102	95	7.1	70 - 130	30	
Dichlorodifluoromethane	ND	88	85	3.5	110	99	10.5	70 - 130	30	
Ethylbenzene	ND	107	105	1.9	106	85	22.0	70 - 130	30	
Hexachlorobutadiene	ND	105	107	1.9	108	42	88.0	70 - 130	30	m,r
Isopropylbenzene	ND	115	112	2.6	105	83	23.4	70 - 130	30	
m&p-Xylene	ND	108	106	1.9	106	85	22.0	70 - 130	30	
Methyl ethyl ketone	ND	83	83	0.0	65	64	1.6	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	97	96	1.0	98	94	4.2	70 - 130	30	
Methylene chloride	ND	97	95	2.1	98	88	10.8	70 - 130	30	
Naphthalene	ND	120	123	2.5	79	76	3.9	70 - 130	30	
n-Butylbenzene	ND	111	112	0.9	110	64	52.9	70 - 130	30	m,r
n-Propylbenzene	ND	110	109	0.9	105	78	29.5	70 - 130	30	
o-Xylene	ND	112	110	1.8	108	88	20.4	70 - 130	30	
p-Isopropyltoluene	ND	112	110	1.8	107	71	40.4	70 - 130	30	r
sec-Butylbenzene	ND	109	108	0.9	108	76	34.8	70 - 130	30	r
Styrene	ND	107	104	2.8	111	88	23.1	70 - 130	30	
tert-Butylbenzene	ND	114	113	0.9	105	80	27.0	70 - 130	30	
Tetrachloroethene	ND	108	107	0.9	109	88	21.3	70 - 130	30	
Tetrahydrofuran (THF)	ND	101	103	2.0	104	103	1.0	70 - 130	30	
Toluene	ND	106	104	1.9	104	89	15.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	103	102	1.0	103	90	13.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	108	107	0.9	100	91	9.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	112	113	0.9	99	95	4.1	70 - 130	30	
Trichloroethene	ND	110	108	1.8	100	87	13.9	70 - 130	30	
Trichlorofluoromethane	ND	100	98	2.0	<40	<40	NC	70 - 130	30	m
Trichlorotrifluoroethane	ND	101	100	1.0	112	96	15.4	70 - 130	30	
Vinyl chloride	ND	103	101	2.0	111	100	10.4	70 - 130	30	
% 1,2-dichlorobenzene-d4	105	100	101	1.0	101	99	2.0	70 - 130	30	
% Bromofluorobenzene	94	98	100	2.0	99	98	1.0	70 - 130	30	
% Dibromofluoromethane	102	99	95	4.1	98	93	5.2	70 - 130	30	
% Toluene-d8	99	99	99	0.0	98	99	1.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 232929, QC Sample No: BD84790 (BD85033, BD85035, BD85037, BD85039, BD85042, BD85044, BD85046, BD85048)

Semivolatiles - Soil

1,2-Dichlorobenzene	ND	77	81	5.1	81	77	5.1	30 - 130	30	
1,2-Diphenylhydrazine	ND	83	88	5.8	88	82	7.1	30 - 130	30	
1,3-Dichlorobenzene	ND	77	81	5.1	80	76	5.1	30 - 130	30	
1,4-Dichlorobenzene	ND	77	81	5.1	80	77	3.8	30 - 130	30	
2,4-Dinitrotoluene	ND	92	103	11.3	102	96	6.1	30 - 130	30	
2,6-Dinitrotoluene	ND	93	102	9.2	102	96	6.1	30 - 130	30	
2-Chloronaphthalene	ND	80	85	6.1	86	81	6.0	30 - 130	30	
2-Methylnaphthalene	ND	75	79	5.2	80	77	3.8	30 - 130	30	
2-Nitroaniline	ND	133	148	10.7	136	126	7.6	30 - 130	30	l,m
3,3'-Dichlorobenzidine	ND	115	117	1.7	104	93	11.2	30 - 130	30	
3-Nitroaniline	ND	117	123	5.0	110	100	9.5	30 - 130	30	
4-Bromophenyl phenyl ether	ND	86	88	2.3	91	86	5.6	30 - 130	30	
4-Chloroaniline	ND	74	68	8.5	64	58	9.8	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	80	84	4.9	85	80	6.1	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Nitroaniline	ND	91	100	9.4	99	93	6.3	30 - 130	30	
Acenaphthene	ND	81	86	6.0	87	83	4.7	30 - 130	30	
Acenaphthylene	ND	81	87	7.1	91	88	3.4	30 - 130	30	
Anthracene	ND	84	87	3.5	93	92	1.1	30 - 130	30	
Benz(a)anthracene	ND	85	89	4.6	90	111	20.9	30 - 130	30	
Benzidine	ND	69	53	26.2	11	<5	NC	30 - 130	30	m
Benzo(a)pyrene	ND	80	83	3.7	72	80	10.5	30 - 130	30	
Benzo(b)fluoranthene	ND	87	92	5.6	79	92	15.2	30 - 130	30	
Benzo(ghi)perylene	ND	86	93	7.8	83	95	13.5	30 - 130	30	
Benzo(k)fluoranthene	ND	84	84	0.0	78	80	2.5	30 - 130	30	
Benzyl Alcohol	ND	83	84	1.2	81	79	2.5	30 - 130	30	
Benzyl butyl phthalate	ND	87	93	6.7	101	113	11.2	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	78	83	6.2	83	79	4.9	30 - 130	30	
Bis(2-chloroethyl)ether	ND	78	82	5.0	84	82	2.4	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	80	84	4.9	85	81	4.8	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	87	91	4.5	98	106	7.8	30 - 130	30	
Chrysene	ND	86	90	4.5	85	107	22.9	30 - 130	30	
Dibenz(a,h)anthracene	ND	82	87	5.9	92	95	3.2	30 - 130	30	
Dibenzofuran	ND	83	87	4.7	89	85	4.6	30 - 130	30	
Diethyl phthalate	ND	86	91	5.6	91	85	6.8	30 - 130	30	
Dimethylphthalate	ND	85	91	6.8	91	86	5.6	30 - 130	30	
Di-n-butylphthalate	ND	86	87	1.2	90	86	4.5	30 - 130	30	
Di-n-octylphthalate	ND	98	102	4.0	101	101	0.0	30 - 130	30	
Fluoranthene	ND	86	89	3.4	94	127	29.9	30 - 130	30	
Fluorene	ND	79	83	4.9	87	82	5.9	30 - 130	30	
Hexachlorobenzene	ND	82	85	3.6	86	81	6.0	30 - 130	30	
Hexachlorobutadiene	ND	73	77	5.3	77	74	4.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	69	77	11.0	51	25	68.4	30 - 130	30	m,r
Hexachloroethane	ND	77	81	5.1	79	73	7.9	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	84	90	6.9	80	90	11.8	30 - 130	30	
Isophorone	ND	80	86	7.2	85	81	4.8	30 - 130	30	
Naphthalene	ND	73	76	4.0	79	77	2.6	30 - 130	30	
Nitrobenzene	ND	80	86	7.2	86	82	4.8	30 - 130	30	
N-Nitrosodimethylamine	ND	76	83	8.8	78	75	3.9	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	78	85	8.6	82	78	5.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	93	99	6.3	98	92	6.3	30 - 130	30	
Phenanthrene	ND	86	88	2.3	87	96	9.8	30 - 130	30	
Pyrene	ND	85	88	3.5	96	125	26.2	30 - 130	30	
% 2-Fluorobiphenyl	76	81	84	3.6	85	81	4.8	30 - 130	30	
% Nitrobenzene-d5	83	81	87	7.1	86	83	3.6	30 - 130	30	
% Terphenyl-d14	83	88	88	0.0	93	94	1.1	30 - 130	30	

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 233260, QC Sample No: BD84861 (BD85034)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	95	92	3.2				70 - 130	30	
1,1,1-Trichloroethane	ND	89	92	3.3				70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	94	95	1.1				70 - 130	30	
1,1,2-Trichloroethane	ND	97	97	0.0				70 - 130	30	
1,1-Dichloroethane	ND	96	80	18.2				70 - 130	30	
1,1-Dichloroethene	ND	90	95	5.4				70 - 130	30	

QA/QC Data

SDG I.D.: GBD85032

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloropropene	ND	92	94	2.2				70 - 130	30	
1,2,3-Trichlorobenzene	ND	100	97	3.0				70 - 130	30	
1,2,3-Trichloropropane	ND	93	94	1.1				70 - 130	30	
1,2,4-Trichlorobenzene	ND	100	96	4.1				70 - 130	30	
1,2,4-Trimethylbenzene	ND	102	98	4.0				70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	105	1.9				70 - 130	30	
1,2-Dibromoethane	ND	99	97	2.0				70 - 130	30	
1,2-Dichlorobenzene	ND	97	93	4.2				70 - 130	30	
1,2-Dichloroethane	ND	87	86	1.2				70 - 130	30	
1,2-Dichloropropane	ND	99	96	3.1				70 - 130	30	
1,3,5-Trimethylbenzene	ND	99	98	1.0				70 - 130	30	
1,3-Dichlorobenzene	ND	98	95	3.1				70 - 130	30	
1,3-Dichloropropane	ND	97	93	4.2				70 - 130	30	
1,4-Dichlorobenzene	ND	97	95	2.1				70 - 130	30	
2,2-Dichloropropane	ND	90	92	2.2				70 - 130	30	
2-Chlorotoluene	ND	104	101	2.9				70 - 130	30	
2-Hexanone	ND	92	102	10.3				70 - 130	30	
2-Isopropyltoluene	ND	97	96	1.0				70 - 130	30	
4-Chlorotoluene	ND	99	94	5.2				70 - 130	30	
4-Methyl-2-pentanone	ND	94	103	9.1				70 - 130	30	
Acetone	ND	68	86	23.4				70 - 130	30	I
Acrylonitrile	ND	98	83	16.6				70 - 130	30	
Benzene	ND	98	97	1.0				70 - 130	30	
Bromobenzene	ND	97	96	1.0				70 - 130	30	
Bromochloromethane	ND	96	95	1.0				70 - 130	30	
Bromodichloromethane	ND	92	91	1.1				70 - 130	30	
Bromoform	ND	97	95	2.1				70 - 130	30	
Bromomethane	ND	82	85	3.6				70 - 130	30	
Carbon Disulfide	ND	78	83	6.2				70 - 130	30	
Carbon tetrachloride	ND	88	91	3.4				70 - 130	30	
Chlorobenzene	ND	98	95	3.1				70 - 130	30	
Chloroethane	ND	87	88	1.1				70 - 130	30	
Chloroform	ND	92	91	1.1				70 - 130	30	
Chloromethane	ND	85	86	1.2				70 - 130	30	
cis-1,2-Dichloroethene	ND	98	99	1.0				70 - 130	30	
cis-1,3-Dichloropropene	ND	98	96	2.1				70 - 130	30	
Dibromochloromethane	ND	96	92	4.3				70 - 130	30	
Dibromomethane	ND	94	94	0.0				70 - 130	30	
Dichlorodifluoromethane	ND	63	74	16.1				70 - 130	30	I
Ethylbenzene	ND	97	95	2.1				70 - 130	30	
Hexachlorobutadiene	ND	84	88	4.7				70 - 130	30	
Isopropylbenzene	ND	106	106	0.0				70 - 130	30	
m&p-Xylene	ND	99	96	3.1				70 - 130	30	
Methyl ethyl ketone	ND	73	90	20.9				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	83	83	0.0				70 - 130	30	
Methylene chloride	ND	87	88	1.1				70 - 130	30	
Naphthalene	ND	105	107	1.9				70 - 130	30	
n-Butylbenzene	ND	100	99	1.0				70 - 130	30	
n-Propylbenzene	ND	102	101	1.0				70 - 130	30	
o-Xylene	ND	101	97	4.0				70 - 130	30	
p-Isopropyltoluene	ND	100	100	0.0				70 - 130	30	
sec-Butylbenzene	ND	98	98	0.0				70 - 130	30	
Styrene	ND	98	92	6.3				70 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
tert-Butylbenzene	ND	102	102	0.0				70 - 130	30
Tetrachloroethene	ND	97	96	1.0				70 - 130	30
Tetrahydrofuran (THF)	ND	96	103	7.0				70 - 130	30
Toluene	ND	96	96	0.0				70 - 130	30
trans-1,2-Dichloroethene	ND	90	93	3.3				70 - 130	30
trans-1,3-Dichloropropene	ND	94	93	1.1				70 - 130	30
trans-1,4-dichloro-2-butene	ND	100	103	3.0				70 - 130	30
Trichloroethene	ND	96	98	2.1				70 - 130	30
Trichlorofluoromethane	ND	78	87	10.9				70 - 130	30
Trichlorotrifluoroethane	ND	72	86	17.7				70 - 130	30
Vinyl chloride	ND	92	93	1.1				70 - 130	30
% 1,2-dichlorobenzene-d4	103	100	101	1.0				70 - 130	30
% Bromofluorobenzene	97	97	96	1.0				70 - 130	30
% Dibromofluoromethane	104	99	99	0.0				70 - 130	30
% Toluene-d8	100	101	101	0.0				70 - 130	30

Comment:

The MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 233058, QC Sample No: BD85031 (BD85050 (2X) , BD85051, BD85052)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	110	112	1.8	105	101	3.9	70 - 130	30
1,1,1-Trichloroethane	ND	99	100	1.0	100	102	2.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	102	109	6.6	106	105	0.9	70 - 130	30
1,1,2-Trichloroethane	ND	108	116	7.1	104	102	1.9	70 - 130	30
1,1-Dichloroethane	ND	101	105	3.9	109	104	4.7	70 - 130	30
1,1-Dichloroethene	ND	97	100	3.0	106	101	4.8	70 - 130	30
1,1-Dichloropropene	ND	113	114	0.9	93	113	19.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	109	117	7.1	101	101	0.0	70 - 130	30
1,2,3-Trichloropropane	ND	105	106	0.9	108	101	6.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	109	113	3.6	101	102	1.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	106	108	1.9	103	98	5.0	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	116	124	6.7	113	109	3.6	70 - 130	30
1,2-Dibromoethane	ND	110	115	4.4	108	106	1.9	70 - 130	30
1,2-Dichlorobenzene	ND	102	106	3.8	100	97	3.0	70 - 130	30
1,2-Dichloroethane	ND	113	116	2.6	106	101	4.8	70 - 130	30
1,2-Dichloropropane	ND	109	113	3.6	107	104	2.8	70 - 130	30
1,3,5-Trimethylbenzene	ND	104	104	0.0	102	97	5.0	70 - 130	30
1,3-Dichlorobenzene	ND	104	105	1.0	101	98	3.0	70 - 130	30
1,3-Dichloropropane	ND	108	114	5.4	107	104	2.8	70 - 130	30
1,4-Dichlorobenzene	ND	104	106	1.9	100	96	4.1	70 - 130	30
2,2-Dichloropropane	ND	118	118	0.0	106	103	2.9	70 - 130	30
2-Chlorotoluene	ND	105	104	1.0	102	97	5.0	70 - 130	30
2-Hexanone	ND	119	131	9.6	113	112	0.9	70 - 130	30
2-Isopropyltoluene	ND	100	100	0.0	101	96	5.1	70 - 130	30
4-Chlorotoluene	ND	102	102	0.0	102	99	3.0	70 - 130	30
4-Methyl-2-pentanone	ND	109	122	11.3	107	106	0.9	70 - 130	30
Acetone	ND	71	81	13.2	98	91	7.4	70 - 130	30
Acrylonitrile	ND	94	103	9.1	97	107	9.8	70 - 130	30
Benzene	ND	111	112	0.9	110	105	4.7	70 - 130	30
Bromobenzene	ND	104	105	1.0	101	99	2.0	70 - 130	30
Bromochloromethane	ND	101	103	2.0	106	104	1.9	70 - 130	30
Bromodichloromethane	ND	114	117	2.6	111	106	4.6	70 - 130	30

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromoform	ND	114	120	5.1	109	106	2.8	70 - 130	30	
Bromomethane	ND	109	109	0.0	110	108	1.8	70 - 130	30	
Carbon Disulfide	ND	88	90	2.2	105	100	4.9	70 - 130	30	
Carbon tetrachloride	ND	97	97	0.0	102	97	5.0	70 - 130	30	
Chlorobenzene	ND	105	106	0.9	102	98	4.0	70 - 130	30	
Chloroethane	ND	93	95	2.1	109	102	6.6	70 - 130	30	
Chloroform	ND	100	104	3.9	108	104	3.8	70 - 130	30	
Chloromethane	ND	108	113	4.5	119	113	5.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	102	107	4.8	106	104	1.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	114	118	3.4	109	107	1.9	70 - 130	30	
Dibromochloromethane	ND	114	118	3.4	110	108	1.8	70 - 130	30	
Dibromomethane	ND	112	119	6.1	109	106	2.8	70 - 130	30	
Dichlorodifluoromethane	ND	103	104	1.0	108	102	5.7	70 - 130	30	
Ethylbenzene	ND	102	101	1.0	101	96	5.1	70 - 130	30	
Hexachlorobutadiene	ND	99	99	0.0	93	90	3.3	70 - 130	30	
Isopropylbenzene	ND	103	102	1.0	100	96	4.1	70 - 130	30	
m&p-Xylene	ND	103	103	0.0	100	96	4.1	70 - 130	30	
Methyl ethyl ketone	ND	109	129	16.8	106	142	29.0	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	94	100	6.2	103	102	1.0	70 - 130	30	
Methylene chloride	ND	78	82	5.0	87	84	3.5	70 - 130	30	
Naphthalene	ND	115	122	5.9	109	107	1.9	70 - 130	30	
n-Butylbenzene	ND	107	108	0.9	103	98	5.0	70 - 130	30	
n-Propylbenzene	ND	101	101	0.0	100	96	4.1	70 - 130	30	
o-Xylene	ND	101	102	1.0	102	97	5.0	70 - 130	30	
p-Isopropyltoluene	ND	102	102	0.0	100	95	5.1	70 - 130	30	
sec-Butylbenzene	ND	98	99	1.0	99	94	5.2	70 - 130	30	
Styrene	ND	101	103	2.0	105	101	3.9	70 - 130	30	
tert-Butylbenzene	ND	101	102	1.0	100	95	5.1	70 - 130	30	
Tetrachloroethene	ND	103	101	2.0	98	94	4.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	92	105	13.2	115	107	7.2	70 - 130	30	
Toluene	ND	107	107	0.0	106	102	3.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	102	105	2.9	108	104	3.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	113	119	5.2	108	105	2.8	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	99	104	4.9	100	96	4.1	70 - 130	30	
Trichloroethene	ND	106	107	0.9	102	99	3.0	70 - 130	30	
Trichlorofluoromethane	ND	91	91	0.0	102	97	5.0	70 - 130	30	
Trichlorotrifluoroethane	ND	91	90	1.1	100	96	4.1	70 - 130	30	
Vinyl chloride	ND	114	118	3.4	117	111	5.3	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	99	103	4.0	102	103	1.0	70 - 130	30	
% Bromofluorobenzene	103	104	105	1.0	103	103	0.0	70 - 130	30	
% Dibromofluoromethane	99	96	98	2.1	97	105	7.9	70 - 130	30	
% Toluene-d8	100	100	100	0.0	101	101	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 233220, QC Sample No: BD85190 (BD85051 (5X) , BD85053 (2X))

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	119	110	7.9	106	110	3.7	70 - 130	30	
1,1,1-Trichloroethane	ND	107	101	5.8	90	96	6.5	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	110	105	4.7	101	111	9.4	70 - 130	30	
1,1,2-Trichloroethane	ND	128	120	6.5	111	115	3.5	70 - 130	30	
1,1-Dichloroethane	ND	121	118	2.5	106	115	8.1	70 - 130	30	
1,1-Dichloroethene	ND	120	115	4.3	110	119	7.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBD85032

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1-Dichloropropene	ND	104	96	8.0	96	96	0.0	70 - 130	30	
1,2,3-Trichlorobenzene	ND	118	113	4.3	106	109	2.8	70 - 130	30	
1,2,3-Trichloropropane	ND	108	101	6.7	95	107	11.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	113	107	5.5	106	106	0.0	70 - 130	30	
1,2,4-Trimethylbenzene	ND	110	104	5.6	98	102	4.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	121	114	6.0	104	113	8.3	70 - 130	30	
1,2-Dibromoethane	ND	125	119	4.9	113	116	2.6	70 - 130	30	
1,2-Dichlorobenzene	ND	110	102	7.5	99	102	3.0	70 - 130	30	
1,2-Dichloroethane	ND	119	114	4.3	106	111	4.6	70 - 130	30	
1,2-Dichloropropane	ND	119	115	3.4	108	113	4.5	70 - 130	30	
1,3,5-Trimethylbenzene	ND	107	100	6.8	97	100	3.0	70 - 130	30	
1,3-Dichlorobenzene	ND	110	104	5.6	98	102	4.0	70 - 130	30	
1,3-Dichloropropane	ND	116	109	6.2	105	112	6.5	70 - 130	30	
1,4-Dichlorobenzene	ND	110	103	6.6	99	102	3.0	70 - 130	30	
2,2-Dichloropropane	ND	76	100	27.3	103	108	4.7	70 - 130	30	
2-Chlorotoluene	ND	110	101	8.5	97	101	4.0	70 - 130	30	
2-Hexanone	ND	115	117	1.7	105	120	13.3	70 - 130	30	
2-Isopropyltoluene	ND	104	97	7.0	96	100	4.1	70 - 130	30	
4-Chlorotoluene	ND	106	99	6.8	98	103	5.0	70 - 130	30	
4-Methyl-2-pentanone	ND	119	115	3.4	110	116	5.3	70 - 130	30	
Acetone	ND	102	102	0.0	90	115	24.4	70 - 130	30	
Acrylonitrile	ND	111	112	0.9	98	115	16.0	70 - 130	30	
Benzene	ND	122	115	5.9	110	115	4.4	70 - 130	30	
Bromobenzene	ND	110	102	7.5	99	103	4.0	70 - 130	30	
Bromochloromethane	ND	125	123	1.6	111	119	7.0	70 - 130	30	
Bromodichloromethane	ND	124	116	6.7	112	116	3.5	70 - 130	30	
Bromoform	ND	122	112	8.5	111	116	4.4	70 - 130	30	
Bromomethane	ND	113	118	4.3	123	134	8.6	70 - 130	30	m
Carbon Disulfide	ND	104	99	4.9	107	115	7.2	70 - 130	30	
Carbon tetrachloride	ND	121	110	9.5	85	89	4.6	70 - 130	30	
Chlorobenzene	ND	115	107	7.2	102	105	2.9	70 - 130	30	
Chloroethane	ND	114	109	4.5	107	115	7.2	70 - 130	30	
Chloroform	ND	124	120	3.3	112	117	4.4	70 - 130	30	
Chloromethane	ND	127	114	10.8	118	127	7.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	124	119	4.1	107	115	7.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	110	111	0.9	108	114	5.4	70 - 130	30	
Dibromochloromethane	ND	122	115	5.9	112	116	3.5	70 - 130	30	
Dibromomethane	ND	125	123	1.6	112	116	3.5	70 - 130	30	
Dichlorodifluoromethane	ND	125	105	17.4	121	126	4.0	70 - 130	30	
Ethylbenzene	ND	111	101	9.4	101	103	2.0	70 - 130	30	
Hexachlorobutadiene	ND	96	91	5.3	96	95	1.0	70 - 130	30	
Isopropylbenzene	ND	107	100	6.8	96	99	3.1	70 - 130	30	
m&p-Xylene	ND	110	102	7.5	99	103	4.0	70 - 130	30	
Methyl ethyl ketone	ND	109	114	4.5	108	124	13.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	110	108	1.8	109	115	5.4	70 - 130	30	
Methylene chloride	ND	97	96	1.0	85	91	6.8	70 - 130	30	
Naphthalene	ND	121	116	4.2	112	117	4.4	70 - 130	30	
n-Butylbenzene	ND	105	102	2.9	97	102	5.0	70 - 130	30	
n-Propylbenzene	ND	106	99	6.8	96	99	3.1	70 - 130	30	
o-Xylene	ND	109	102	6.6	100	104	3.9	70 - 130	30	
p-Isopropyltoluene	ND	104	99	4.9	96	100	4.1	70 - 130	30	
sec-Butylbenzene	ND	102	97	5.0	95	99	4.1	70 - 130	30	
Styrene	ND	112	102	9.3	104	107	2.8	70 - 130	30	

QA/QC Data

SDG I.D.: GBD85032

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
tert-Butylbenzene	ND	106	99	6.8	95	99	4.1	70 - 130	30	
Tetrachloroethene	ND	107	98	8.8	98	100	2.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	114	109	4.5	90	104	14.4	70 - 130	30	
Toluene	ND	121	111	8.6	107	109	1.9	70 - 130	30	
trans-1,2-Dichloroethene	ND	123	119	3.3	109	116	6.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	112	110	1.8	112	117	4.4	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	94	97	3.1	90	97	7.5	70 - 130	30	
Trichloroethene	ND	118	108	8.8	105	107	1.9	70 - 130	30	
Trichlorofluoromethane	ND	122	111	9.4	110	118	7.0	70 - 130	30	
Trichlorotrifluoroethane	ND	116	107	8.1	111	115	3.5	70 - 130	30	
Vinyl chloride	ND	137	125	9.2	120	128	6.5	70 - 130	30	l
% 1,2-dichlorobenzene-d4	104	103	103	0.0	103	101	2.0	70 - 130	30	
% Bromofluorobenzene	103	102	102	0.0	101	103	2.0	70 - 130	30	
% Dibromofluoromethane	92	88	87	1.1	78	81	3.8	70 - 130	30	
% Toluene-d8	99	99	100	1.0	99	99	0.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 13, 2013

Sample Criteria Exceedences Report

GBD85032 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD85032	BA-SM	Barium	NY / 375-6.8 Metals / Residential	923	0.40	350	350	mg/Kg
BD85032	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	923	0.40	400	400	mg/Kg
BD85032	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	923	0.40	350	350	mg/Kg
BD85032	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	105	0.40	1	1	mg/Kg
BD85032	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.06	0.07	0.81	0.81	mg/Kg
BD85032	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.06	0.07	0.81	0.81	mg/Kg
BD85032	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.06	0.07	0.18	0.18	mg/Kg
BD85032	PB-SM	Lead	NY / 375-6.8 Metals / Residential	1490	4.0	400	400	mg/Kg
BD85032	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	1490	4.0	400	400	mg/Kg
BD85032	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	1490	4.0	63	63	mg/Kg
BD85032	TCLP-PB	TCLP Lead	EPA / 40 CFR 261.24 / Toxicity Characteristics	6.23	0.10	5	5	mg/L
BD85035	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3500	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3500	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BD85035	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85035	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BD85035	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BD85035	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BD85035	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BD85035	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BD85035	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BD85035	BA-SM	Barium	NY / 375-6.8 Metals / Residential	580	0.35	350	350	mg/Kg
BD85035	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	580	0.35	400	400	mg/Kg
BD85035	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	580	0.35	350	350	mg/Kg
BD85035	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	21.7	0.35	1	1	mg/Kg
BD85035	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.25	0.06	0.18	0.18	mg/Kg
BD85035	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	227	3.5	63	63	mg/Kg
BD85037	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2700	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3900	2600	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBD85032 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD85037	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3900	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3900	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BD85037	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2700	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	2600	1000	1000	ug/Kg
BD85037	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BD85037	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BD85037	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BD85037	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BD85037	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BD85037	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BD85037	BA-SM	Barium	NY / 375-6.8 Metals / Residential	456	0.37	350	350	mg/Kg
BD85037	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	456	0.37	400	400	mg/Kg
BD85037	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	456	0.37	350	350	mg/Kg
BD85037	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	20.1	0.37	1	1	mg/Kg
BD85037	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.41	0.08	0.81	0.81	mg/Kg
BD85037	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.41	0.08	0.81	0.81	mg/Kg
BD85037	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.41	0.08	0.18	0.18	mg/Kg
BD85037	PB-SM	Lead	NY / 375-6.8 Metals / Residential	414	3.7	400	400	mg/Kg
BD85037	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	414	3.7	400	400	mg/Kg
BD85037	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	414	3.7	63	63	mg/Kg
BD85039	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1200	1000	1000	1000	ug/Kg
BD85039	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1200	1000	1000	1000	ug/Kg
BD85039	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	1000	1000	1000	ug/Kg
BD85039	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BD85039	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85039	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	1000	330	330	ug/Kg
BD85039	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	1000	330	330	ug/Kg
BD85039	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	1000	330	330	ug/Kg
BD85039	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BD85039	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BD85039	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RRS, 375RS

State: NY

GBD85032 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD85039	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	10.1	0.34	1	1	mg/Kg
BD85039	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	76.4	0.34	63	63	mg/Kg
BD85041	BA-SM	Barium	NY / 375-6.8 Metals / Residential	542	0.37	350	350	mg/Kg
BD85041	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	542	0.37	400	400	mg/Kg
BD85041	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	542	0.37	350	350	mg/Kg
BD85041	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.1	0.37	1	1	mg/Kg
BD85041	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.27	0.09	0.18	0.18	mg/Kg
BD85041	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	251	3.7	63	63	mg/Kg
BD85042	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BD85042	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	270	1000	1000	ug/Kg
BD85042	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	ug/Kg
BD85042	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	560	270	500	500	ug/Kg
BD85042	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	560	270	500	500	ug/Kg
BD85042	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	560	270	500	500	ug/Kg
BD85044	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	7700	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	7700	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7700	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	11000	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	11000	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	11000	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3800	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3800	2600	800	800	ug/Kg
BD85044	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	7100	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	7100	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7100	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	7900	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential Restricted	7900	2600	3900	3900	ug/Kg
BD85044	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	7900	2600	1000	1000	ug/Kg
BD85044	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BD85044	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BD85044	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BD85044	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BD85044	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BD85044	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BD85044	BA-SM	Barium	NY / 375-6.8 Metals / Residential	394	0.36	350	350	mg/Kg
BD85044	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	394	0.36	350	350	mg/Kg
BD85044	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.6	0.36	1	1	mg/Kg
BD85044	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.07	0.18	0.18	mg/Kg
BD85044	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	182	3.6	63	63	mg/Kg

Sample Criteria Exceedences Report

GBD85032 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD85046	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3000	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3000	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3000	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	800	800	ug/Kg
BD85046	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	1000	1000	ug/Kg
BD85046	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	330	330	ug/Kg
BD85046	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	330	330	ug/Kg
BD85046	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	330	330	ug/Kg
BD85046	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	ND	2600	500	500	ug/Kg
BD85046	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	2600	500	500	ug/Kg
BD85046	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	2600	500	500	ug/Kg
BD85046	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.9	0.37	1	1	mg/Kg
BD85046	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.17	0.09	0.81	0.81	mg/Kg
BD85046	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.17	0.09	0.81	0.81	mg/Kg
BD85046	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.17	0.09	0.18	0.18	mg/Kg
BD85046	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	395	3.7	63	63	mg/Kg
BD85047	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	52	32	50	50	ug/Kg
BD85048	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2800	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2800	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2800	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3400	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3400	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	230	800	800	ug/Kg
BD85048	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2600	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2600	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3100	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	230	1000	1000	ug/Kg
BD85048	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	420	230	330	330	ug/Kg
BD85048	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	420	230	330	330	ug/Kg

Sample Criteria Exceedences Report

GBD85032 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD85048	$BN-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	420	230	330	330	ug/Kg
BD85048	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1500	230	500	500	ug/Kg
BD85048	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1500	230	500	500	ug/Kg
BD85048	$BN-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1500	230	500	500	ug/Kg
BD85048	BA-SM	Barium	NY / 375-6.8 Metals / Residential	539	0.35	350	350	mg/Kg
BD85048	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	539	0.35	400	400	mg/Kg
BD85048	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	539	0.35	350	350	mg/Kg
BD85048	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	19.4	0.35	1	1	mg/Kg
BD85048	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.37	0.06	0.18	0.18	mg/Kg
BD85048	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	301	3.5	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

NY Temperature Narration

June 13, 2013

SDG I.D.: GBD85032

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C/DP | Pg 1 of 2

PHOENIX
Environmental Laboratories, Inc.

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Data Delivery:
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Customer: EBC
Address: 1808 Middle Country Rd Ridge, NY

Project: 3-11 Whipple St.
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631-504-6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.29.13

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs BN	RCRA Metals TCLP Pb	Soil VOA 5 Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
85032	B1 0-2	S	5.29.13			X	X		1								
85033	B1 8-10 ~~SB~~					X			1								
85034	B1 10-12				X			3									
85035	B2 0-2					X	X	X		1								
85036	B2 11-13				X			3									
85037	B3 0-2					X	X	X		1								
85038	B3 10-12				X			3									
85039	B4 0-2					X	X	X		1								
85040	B4 12-14				X			3									
85041	B5 0-2						X	X		1								
85042	B5 8-10					X				1								
85043	B5 10-12				X			3									

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-30-13	7:30
		5-30-13	1756

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☒ NY375 Residential Soil
☒ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

State where samples were collected: NY

NY/NJ CHAIN OF CUSTODY RECORD

Temp 4°C Pg 2 of 2

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Data Delivery:
☐ Fax #:
☒ Email: csosik@ebcincny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge, NY

Project: 3-11 Whipple St.
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631-504-6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.29.13

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs 8260	SVOCs B.N.	RCRA metals	TCLP Lead	Soil VOA	GL Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
85044	B6 0-2	S	5/29/13			X	X	X		1									
85045	B6 11-13				X					3									
85046	B7 0-2					X	X	X		1									
85047	B7 10-12				X					3									
85048	B8 0-2					X	X	X		1									
85049	B8 11-13	↓			X					3									
85050	GW 1	GW			X							4							
85051	GW 2	↓			X							4							
85052	GW 3				X							4							
85053	GW 4	↓			X							4							

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-30-13	7:30
		5-30-13	19:56

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☒ NY375 Residential Soil
☒ NY375 Restricted Non-Residential Soil

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Key
☐ EQuIS
☐ NJ Hazsite EDD
☐ NY EZ EDD (ASP)
☐ Other

Data Package
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

Comments, Special Requirements or Regulations:

State where samples were collected: NY

APPENDIX B

Health and Safety Plan

Health and Safety Plan

Whipple Apartments
7 Whipple Street
Brooklyn, New York 11206

January 2014

Prepared for:

Whipple Apartments, LLC
316 Douglass Street, 2nd Floor
Brooklyn, NY 11217

Prepared by:

CA RICH CONSULTANTS, INC.
17 Dupont Street
Plainview, NY 11803-1614

Health & Safety Plan

PHASE II INVESTIGATION

7 Whipple Street
Brooklyn, NY 11206
Block 2272; Lots 45, 46, 147

1.0 INTRODUCTION

This Health and Safety Plan ("HASP") is developed for utilization during implementation of the Phase II Investigation (Phase II) at the above referenced site located in 7 Whipple Street in Brooklyn, New York (the Site). The HASP is to be enforced by CA RICH's Project Health and Safety Manager and the on-site Health & Safety Coordinator (HSC) or his/her designee. The on-site HSC will interface with the Project Manager and is vested with the authority to make field decisions including the termination of on-site activities if an imminent health and safety hazard, condition or related concern arises. Information and protocol in the HASP is applicable to all on-site personnel who will be entering the designated work zone.

2.0 POTENTIAL HAZARDS

2.1 Chemical Hazards

CA RICH is currently unaware of any chemical hazards on-site. Soil samples were recently collected from the Site. Low levels of Volatile Organic Compounds (VOCs) were identified below Restricted Residential Soil Cleanup Objectives (SCOs). Low levels of Semi Volatile Organic Compounds (SVOCs) and metals were identified. A few SVOCs and metals were detected above Restricted Residential SCOs. CA RICH will operate as if there is a potential for VOCs, SVOCs, and metals contamination on-site.

VOC and SVOCs are described typically described as "sweet" or "aromatic" smelling and are narcotic in high concentrations. Acute exposure to significant concentrations of these chemicals can cause irritation of the skin, eyes and mucus membrane, headache, dizziness, nausea, and in high enough concentrations, loss of consciousness and death *(Sax, 1984)*. These compounds are suspected to be carcinogenic with chronic exposure.

Physical properties and additional toxicological information for potential contaminants are included in Appendix A.

2.2 Other Health & Safety Risks

Normal physical hazards associated with using drilling and excavation equipment and hand tools as well as hazards associated with adverse climatic conditions (heat & cold) or physical site-related debris represent a certain degree of risk to be assumed by on-site personnel.

Certain provisions in this Plan, specifically the use of personnel protective equipment, may tend to increase the risk of physical injury, as well as susceptibility to cold or heat stress. This is primarily due to restrictions in dexterity, hearing, sight, and normal body heat transfer inherent in the use of protective gear.

3.0 RISK MANAGEMENT

3.1 Work / Exclusion Zones

For each proposed investigation activity a work / exclusion zone will be established. Access to this area will be limited to properly trained, properly protected personnel directly involved with investigation. Enforcement of the work / exclusion zone boundaries is the responsibility of the on-site Health & Safety Coordinator or his/her designee.

3.2 Personnel Protection

Health & Safety regulatory personnel have developed different levels of personnel protection to deal with differing degrees of potential risks of exposure to chemical constituents. The levels are designated as **A, B, C,** and **D** and are ranked according to the amount of personnel protection afforded by each level. Level **A** is the highest level of protection and Level **D** is the lowest level of protection.

The different levels are primarily dependent upon the degree of respiratory protection necessary, in conjunction with appropriate protective clothing. Levels of protection mandate a degree of respiratory protection. However, flexibility exists within the lower levels (B, C, and D) concerning proper protective clothing.

The four levels of protection were developed for utilization in situations which involve suspected or known atmospheric and/or environmental hazards including airborne contamination and skin-affecting substances.

It is anticipated that all of the investigation work will be performed using Level D protection (no respiratory protection with protective clothing requirements limited to long sleeved shirts, long pants or coveralls, work gloves and steel-toe leather work boots).

Level D may be modified by the HSC to include protective clothing or equipment (Saran-coated disposable coveralls or PVC splash suits, safety glasses, hard hat with face shield, and chemically resistant boots) based upon physical hazards, skin contact concerns, and real-time monitoring.

Real-time air monitoring for total airborne organics using either an OVA or an HNU will determine if and when an upgrade from Level D to a higher level of respiratory protection is warranted. Decisions for an upgrade from Level D to higher levels of protection, mitigative actions, and/or suspension of work are the responsibility of the Project Manager and/or the designated on-site Health & Safety Coordinator.

In the event odors are detected, Level C respiratory protection will be employed. Organic vapor cartridges are capable of removing xylenes at a concentration of 1,000 ppm and trimethylbenzenes at a concentration of 250 ppm.

3.2 Air Monitoring

The Health & Safety Coordinator or his/her properly trained assignee will conduct “Real Time” air monitoring for total organic vapors. 'Real-time' monitoring refers to the utilization of instrumentation, which yields immediate measurements. The utilization of real time monitoring helps determine immediate or long-term risks to on-site personnel and the general public, the appropriate level of personnel respiratory protection necessary, and actions to mitigate the recognized hazard.

3.2.1. Organic Vapor

A. Instrumentation

Real-time monitoring for total organic vapor (TOV) utilizes either a photo-ionization detector (PID) or flame ionization detector (FID). The appropriate PID is an intrinsically safe HNU Systems Model PI-101, MiniRae 3,000 or equivalent PID, which is factory calibrated to benzene and is capable of detecting petroleum-related contamination. The appropriate FID is a Foxboro model 128 Organic vapor Analyzer (OVA), which is factory calibrated to methane.

B. Application

Organic vapor monitoring is performed as outlined in the NYSDOH Community Air Monitoring Plan. Specifically, monitoring shall be conducted at the downwind perimeter of the work zone periodically during work activities. If TOV levels exceed 5 milligrams per meter cubed (mg/m^3) above established pre-work background levels, work activities will be halted and monitoring will be continued under the provision of a Vapor Emission Response Plan (outlined in Section 5).

3.3 Worker Training

Personnel working in the contamination area must be trained, fit-tested, and medically-Certified (OSHA 29 CFR 1910. 134).

All personnel working within the work/exclusion area must confirm their participation in an ongoing health surveillance program. The program must consist of an initial "baseline" examination stipulated by OSHA (29 CFR 1910. 134). The examination is designed to screen for evidence of adverse effects of occupational exposure (particularly to toxic substances) and determine personnel fitness with respect to the use of respiratory protection.

Each worker enlisted in the medical surveillance program receives an annual examination similar to the baseline exam to evaluate irregularities or trends in his/her health with respect to potential exposure. Upon termination of employment, contract/subcontract or job completion, each worker/employee must take an 'exit examination' identical to the annual exam. All physicals will be performed by licensed physicians with medical histories to be confidentially maintained by their employer.

Prior to any work, all workers involved with the project should be aware of the potential chemical, physical and biological hazards discussed in this document, as well as the general safety practices outlined below. A safety briefing by the on-site HSC and/or assistant designee shall take place at the outset of work activities.

3.4 General Safety Practices

The following safety practices shall be followed by all project personnel.

1. Avoid unnecessary skin exposure to subsurface materials. Sleeved shirts tucked into long pants (or coveralls), work gloves, and steel-toe leather work boots are required unless modified gear is approved by the HSC. Remove any excess residual soil from clothes prior to leaving the site.

2. No eating, drinking, gum or tobacco chewing, or smoking allowed in designated work areas. Thoroughly wash hands prior to these activities outside the work area. Avoid sitting on the ground during breaks or while eating and drinking. Thoroughly wash all exposed body areas at the end of the workday.

3. Some symptoms of acute exposure include: dizziness, light-headedness, drowsiness, headache, and nose/eye/skin irritation. If these symptoms are experienced or strong odor is detected, leave the work area and immediately report the incident to the on-site HSC.

3.5 Enforcement

Enforcement of the Site Safety Plan will be the responsibility of the HSC or his/her designee. The Coordinator or his/her designee should be on-site on a full-time basis and perform or directly oversee all aspects of Project Health & Safety operations including: air monitoring; environmental mitigation; personnel respiratory and skin protection; general safety practices; documentation; emergency procedures and protocol; and reporting and recordkeeping as described below.

3.6 Reporting & Recordkeeping

Incidents involving injury, symptoms of exposure, discovery of contained (potentially hazardous) materials, or unsafe work practices and/or conditions should be immediately reported to the HSC.

A logbook must be maintained on-site to document all aspects of HASP enforcement. The log is paginated and dated with entries made on a daily basis in waterproof ink, initialed by the HSC or designee. Log entries should include date and time of instrument monitoring, instrument type, measurement method, test results, calibration and maintenance information, as well as appropriate mitigative actions responding to detections. Miscellaneous information to be logged may include weather conditions, reported complaints or symptoms, regulatory inspections, and reasons to upgrade personnel protection above the normal specification (Level D).

4.0 EMERGENCIES

4.1 EMERGENCY RESPONSE SERVICES

(1)	**HOSPITAL** Woodhull Medical Center 760 Broadway Brooklyn, NY 11206	**(718) 963-8000**
(2)	**AMBULANCE**	**911**
(3)	**FIRE DEPARTMENT** **HAZARDOUS MATERIALS**	**911**
(4)	**POLICE DEPARTMENT**	**911**
(5)	**POISON CONTROL CENTER**	**(800) 222-1222**

The preceding list and associated attached map (Figure 1) illustrating the fastest route to the nearest hospital must be conspicuously posted in areas of worker congregation and adjacent to all on-site telephones (if any).

4.2 EMERGENCY PROCEDURES

4.2.1 Contact or Exposure to Suspected Hazardous Materials

In the event of a fire, chemical discharge, medical emergency, workers are instructed to immediately notify the HSC and proper emergency services (posted). Should physical contact with unknown or questionable materials occur, immediately wash the affected body areas with clean water and notify the HSC. Anyone experiencing symptoms of exposure should exit the work area, notify the HSC, and seek medical attention.

4.2.2 Personnel Decontamination, First Aid, and Fire Protection

The first step in the treatment of skin exposure to most chemicals is to rinse the affected area with water. For this reason, adequate amounts of potable water and soap are maintained on-site in a clearly designated and readily-accessible location. Portable emergency eyewash stations and a first aid kit must be made available and maintained in the same locations as the potable water. Fire extinguishers are also to be maintained on-site in designated locations. All on-site personnel are to be made aware of the locations of the above-mentioned on-site Health & Safety accommodations during the initial Health and Safety briefing.

4.2.3 Ingress/egress

Clear paths of ingress/egress to work zones and site entrances/exits must be maintained at all times. Unauthorized personnel are restricted from accessing the site.

5.0 VAPOR EMISSIONS REPONSE PLAN

If the ambient air concentration of organic vapors exceeds 5 mg/m^3 above background at the perimeter of the work area, activities will be halted and monitoring continued. If the organic vapor level decreases below 5 mg/m^3 above background, work activities can resume. If the organic vapor levels are greater than 5 mg/m^3 over background but less than 25 ppm over background at the perimeter of the work area, activities can resume provided:

- The organic vapor level 200 ft. downwind of the work area or half the distance to the nearest residential or commercial structure, whichever is less, is below 5 mg/m^3 over background.

If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown. When work shutdown occurs, downwind air monitoring as directed by the Safety Officer will be implemented to ensure that vapor emission does not impact the nearest residential or commercial structure at levels exceeding those specified in the Major Vapor Emission section.

Major Vapor Emission

If any organic levels greater than 5 mg/m^3 over background are identified 200 feet downwind from the work area or half the distance to the nearest residential or commercial property, whichever is less, all work activities must be halted.

If, following the cessation of the work activities, or as the result of an emergency, organic levels persist above 5 mg/m^3 above background 200 feet downwind or half the distance to the nearest residential or commercial property from the work area, then the air quality must be monitored within 20 feet of the perimeter of the nearest residential or commercial structure (20 Foot Zone).

If efforts to abate the emission source are unsuccessful and, if organic vapor levels are approaching 5 mg/m^3 above background for more than 30 minutes in the 20 Foot Zone, then the Major Vapor Emission Response Plan shall automatically be placed into effect;

However, the Major Vapor Emission Response Plan shall be immediately placed into effect if organic vapor levels are greater than 10 mg/m^3 above background.

Major Vapor Emission Response Plan

Upon activation, the following activities will be undertaken:

1. All Emergency Response Contacts as listed in the Health & Safety Plan of the Corrective Action Plan will go into effect.

2. The local police authorities will immediately be contacted by the Safety Officer and advised of the situation.

3. Frequent air monitoring will be conducted at 30 minute intervals within the 20 Foot Zone. If two successive readings below action levels are measured, air monitoring may be halted or modified by the Safety Officer.

6.0 HEALTH & SAFETY PLAN REFERENCES

1. American Conference Governmental Industrial Hygienists, 1989; Threshold Limit Values and Biological Exposure Indices, 111 Pp.

2. Geoenvironmental Consultants, Inc.; 1987; Safety & Operations At Hazardous Materials Sites

3. NIOSH Guide To Chemical Hazards, 2002, US Department Of Health And Human Services, Centers For Disease Control

4. US Department Of Labor Occupational Safety & Health Administration, 1989; Hazardous Waste Operations And Emergency Response Interim Final Rule, 29 CFR Part 1910

5. Sax, N. I. Dangerous Properties Of Industrial Materials; © 1984

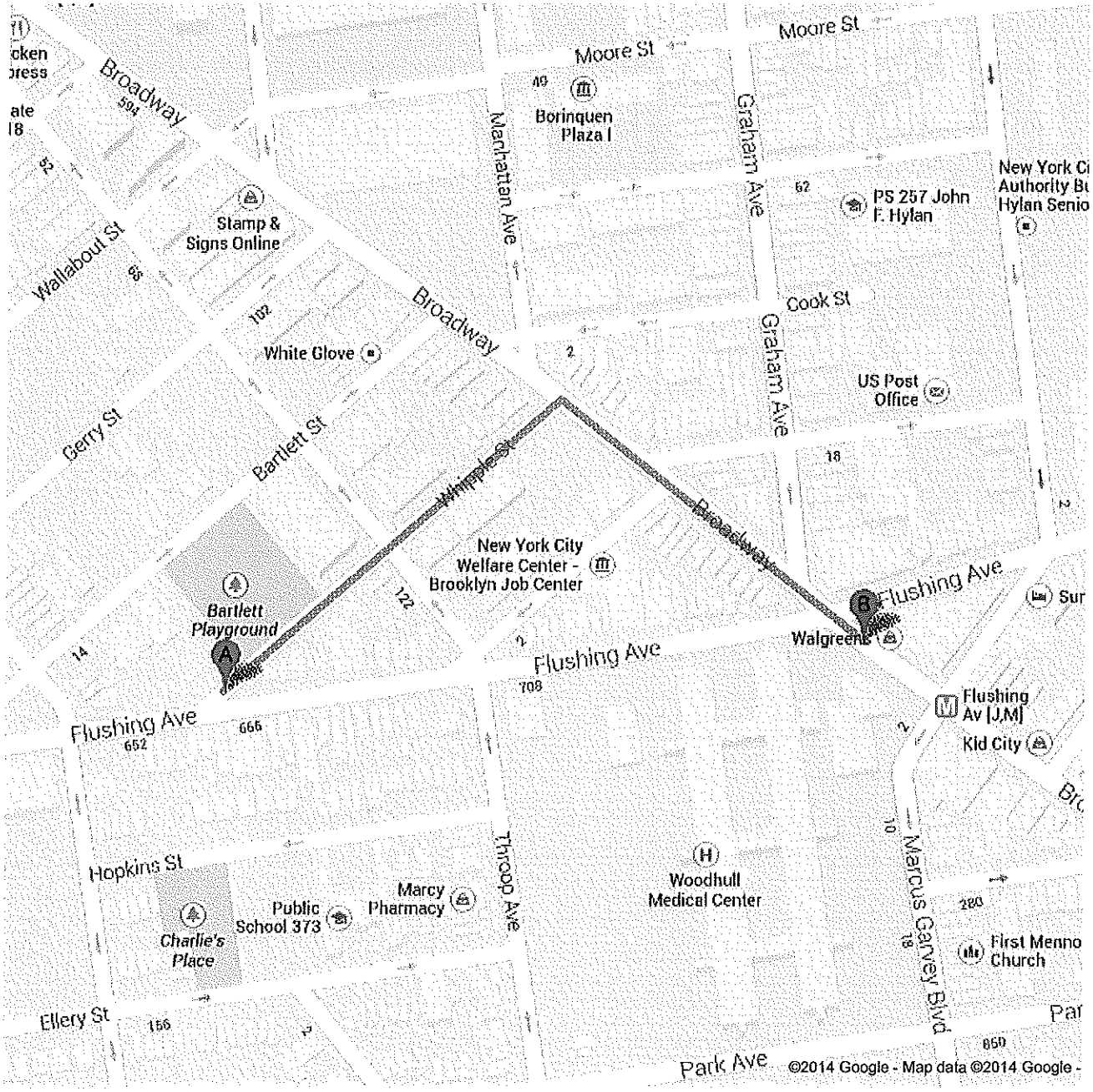
7.0 KEY PERSONNEL

Responsibility	Name and Phone Number	Task Description
Project Manager	Jessica Proscia (516) 576-8844	Oversee and coordinate all technical aspects for the project
Site Safety Officer	Thomas Brown (516) 576-8844	Coordinate and inspect all health and safety operations from the project site
Client Representative	Mark Zimet (718) 388-9407	
Project Manager Alternate	Richard Izzo (516) 576-8844	
Site Safety Officer Alternate	Victoria Whelan (516) 576-8844	

FIGURE

Google

Directions to Woodhull Medical Center
760 Broadway, Brooklyn, NY 11206
0.3 mi – about **2 mins**
Figure 1 - Hospital Route



7 Whipple St, Brooklyn, NY 11206

1.	Head **northeast** on **Whipple St** toward **Throop Ave** About 54 secs	go 0.2 mi total 0.2 mi
2.	Turn right onto **Broadway** Destination will be on the right About 52 secs	go 0.1 mi total 0.3 mi

Woodhull Medical Center
760 Broadway, Brooklyn, NY 11206

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2014 Google

Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.

Appendix A

Toxicological Information

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the Pocket Guide

SEARCH

Enter search terms separated by spaces.

Arsenic (inorganic compounds, as As)

Synonyms & Trade Names Arsenic metal: Arsenia
Other synonyms vary depending upon the specific As compound. [Note: OSHA considers "Inorganic Arsenic" to mean copper acetoarsenite and all inorganic compounds containing arsenic except ARSINE.]

CAS No. 7440-38-2 (metal)	**RTECS No.** CG0525000 (metal) (/niosh-rtecs/CG802C8.html)	**DOT ID & Guide** 1558 152 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=152) (http://www.cdc.gov/Other/disclaimer.html) (metal) 1562 152 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=152) (http://www.cdc.gov/Other/disclaimer.html) (dust)
Formula As (metal)	**Conversion**	**IDLH** Ca [5 mg/m³ (as As)] See: 7440382 (/niosh/idlh/7440382.html)
Exposure Limits **NIOSH REL** : Ca C 0.002 mg/m³ [15-minute] See Appendix A (nengapdxa.html) **OSHA PEL** : [1910.1018] TWA 0.010 mg/m³		**Measurement Methods** **NIOSH** 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 7900 (/niosh/docs/2003-154/pdfs/7900.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf); **OSHA** ID105 (http://www.osha.gov/dts/sltc/methods/inorganic/id105/id105.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Metal: Silver-gray or tin-white, brittle, odorless solid.

MW: 74.9	**BP:** Sublimes	MLT: 1135°F (Sublimes)	**Sol:** Insoluble	**VP:** 0 mmHg (approx)	**IP:** NA
Sp.Gr: 5.73 (metal)	**Fl.P:** NA	**UEL:** NA	**LEL:** NA		

Metal: Noncombustible Solid in bulk form, but a slight explosion hazard in the form of dust when exposed to flame.

Incompatibilities & Reactivities Strong oxidizers, bromine azide [Note: Hydrogen gas can react with inorganic arsenic to form the highly toxic gas arsine.]

arsenic to form the highly toxic gas arsine.]

Exposure Routes inhalation, skin absorption, skin and/or eye contact, ingestion

Symptoms Ulceration of nasal septum, dermatitis, gastrointestinal disturbances, peripheral neuropathy, resp irritation, hyperpigmentation of skin, [potential occupational carcinogen]

Target Organs Liver, kidneys, skin, lungs, lymphatic system

Cancer Site [lung & lymphatic cancer]

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated/Daily
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations
(See Appendix E) (nengapdxe.html)

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted acid gas canister having an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0013 (/niosh/ipcsneng/neng0013.html) See MEDICAL TESTS: 0017 (/niosh/docs/2005-110/nmed0017.html)

Page last reviewed: April 4, 2011
Page last updated: November 18, 2010
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Rd. Atlanta, GA 30333, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

USA.gov Government Made Easy

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

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SEARCH

Enter search terms separated by spaces.

Lead

Synonyms & Trade Names Lead metal, Plumbum		
CAS No. 7439-92-1	**RTECS No.** OF7525000 (/niosh-rtecs/OF72D288.html)	**DOT ID & Guide**
Formula Pb	**Conversion**	**IDLH** 100 mg/m3 (as Pb) See: 7439921 (/niosh/idlh/7439921.html)

Exposure Limits

NIOSH REL *: TWA (8-hour) 0.050 mg/m3 See Appendix C (nengapdxc.html) [*Note: The REL also applies to other lead compounds (as Pb) -- see Appendix C.]

OSHA PEL *: [1910.1025] TWA 0.050 mg/m3 See Appendix C (nengapdxc.html) [*Note: The PEL also applies to other lead compounds (as Pb) -- see Appendix C.]

Measurement Methods

NIOSH 7082 (/niosh/docs/2003-154/pdfs/7082.pdf), 7105 (/niosh/docs/2003-154/pdfs/7105.pdf), 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 7700 (/niosh/docs/2003-154/pdfs/7700.pdf), 7701 (/niosh/docs/2003-154/pdfs/7701.pdf), 7702 (/niosh/docs/2003-154/pdfs/7702.pdf), 9100 (/niosh/docs/2003-154/pdfs/9100.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf), 9105 (/niosh/docs/2003-154/pdfs/9105.pdf);

OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html), ID125G (http://www.osha.gov/dts/sltc/methods/inorganic/id125g/id125g.html) (http://www.cdc.gov/Other/disclaimer.html), ID206 (http://www.osha.gov/dts/sltc/methods/inorganic/id206/id206.html) (http://www.cdc.gov/Other/disclaimer.html)

See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description A heavy, ductile, soft, gray solid.

MW:	BP:	MLT:	Sol:	VP:	IP:
207.2	3164°F	621°F	Insoluble	0 mmHg (approx)	NA

Sp.Gr:	Fl.P:	UEL:	LEL:		
11.34	NA	NA	NA		

Noncombustible Solid in bulk form.

Incompatibilities & Reactivities Strong oxidizers, hydrogen peroxide, acids

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the Pocket Guide

SEARCH

Enter search terms separated by spaces.

Mercury compounds [except (organo) alkyls] (as Hg)

Synonyms & Trade Names Mercury metal: Colloidal mercury, Metallic mercury, Quicksilver
Synonyms of "other" Hg compounds vary depending upon the specific compound.

CAS No. 7439-97-6 (metal)	**RTECS No.** OV4550000 (metal) (/niosh-rtecs/OV456D70.html)	**DOT ID & Guide** 2809 172 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=172) (http://www.cdc.gov/Other/disclaimer.html) (metal)
Formula Hg (metal)	**Conversion**	**IDLH** 10 mg/m3 (as Hg) See: 7439976 (/niosh/idlh/7439976.html)
Exposure Limits **NIOSH REL** : Hg Vapor: TWA 0.05 mg/m3 [skin] Other: C 0.1 mg/m3 [skin] **OSHA PEL** † (nengapdxg.html) : TWA 0.1 mg/m3		**Measurement Methods** **NIOSH** 6009 (/niosh/docs/2003-154/pdfs/6009.pdf) ; **OSHA** ID140 (http://www.osha.gov/dts/sltc/methods/inorganic/id140/id140.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Metal: Silver-white, heavy, odorless liquid. [Note: "Other" Hg compounds include all inorganic & aryl Hg compounds except (organo) alkyls.]

MW:	BP:	FRZ:	Sol:	VP:	IP:
200.6	674°F	-38°F	Insoluble	0.0012 mmHg	?

Sp.Gr:	Fl.P:	UEL:	LEL:
13.6 (metal)	NA	NA	NA

Metal: Noncombustible Liquid

Incompatibilities & Reactivities Acetylene, ammonia, chlorine dioxide, azides, calcium (amalgam formation), sodium carbide, lithium, rubidium, copper

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis;

tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria

Target Organs Eyes, skin, respiratory system, central nervous system, kidneys

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: No recommendation
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

Mercury vapor:

NIOSH

Up to 0.5 mg/m3:
(APF = 10) Any chemical cartridge respirator with cartridge(s) providing protection against the compound of concern†
(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with cartridge(s) providing protection against the compound of concern†(canister)

Up to 2.5 mg/m3:
(APF = 50) Any chemical cartridge respirator with a full facepiece and cartridge(s) providing protection against the compound of concern†
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern†
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and cartridge(s) providing protection against the compound of concern(canister)
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 10 mg/m3:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern
Any appropriate escape-type, self-contained breathing apparatus

Other mercury compounds: NIOSH/OSHA

Up to 1 mg/m3:
(APF = 10) Any chemical cartridge respirator with cartridge(s) providing protection against the compound of concern†

(APF = 10) Any supplied-air respirator

Up to 2.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with cartridge(s) providing protection against the compound of concern†(canister)

Up to 5 mg/m3:
(APF = 50) Any chemical cartridge respirator with a full facepiece and cartridge(s) providing protection against the compound of concern†
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern†
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and cartridge(s) providing protection against the compound of concern(canister)
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 10 mg/m3:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0056 (/niosh/ipcsneng/neng0056.html) See MEDICAL TESTS: 0136 (/niosh/docs/2005-110/nmed0136.html)

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Chromium metal

Synonyms & Trade Names Chrome, Chromium

CAS No. 7440-47-3	RTECS No. GB4200000 (/niosh-rtecs/GB401640.html)	DOT ID & Guide
Formula Cr	**Conversion**	**IDLH** 250 mg/m3 (as Cr) See: 7440473 (/niosh/idlh/7440473.html)

Exposure Limits

NIOSH REL : TWA 0.5 mg/m3 See Appendix C (nengapdxc.html)
OSHA PEL *: TWA 1 mg/m3 See Appendix C (nengapdxc.html) [*Note: The PEL also applies to insoluble chromium salts.]

Measurement Methods

NIOSH 7024 (/niosh/docs/2003-154/pdfs/7024.pdf), 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf) ;
OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html), ID125G (http://www.osha.gov/dts/sltc/methods/inorganic/id125g/id125g.html) (http://www.cdc.gov/Other/disclaimer.html)
See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Blue-white to steel-gray, lustrous, brittle, hard, odorless solid.

MW: 52.0	BP: 4788°F	MLT: 3452°F	Sol: Insoluble	VP: 0 mmHg (approx)	IP: NA
Sp.Gr: 7.14	Fl.P: NA	UEL: NA	LEL: NA		

Noncombustible Solid in bulk form, but finely divided dust burns rapidly if heated in a flame.

Incompatibilities & Reactivities Strong oxidizers (such as hydrogen peroxide), alkalis

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin; lung fibrosis (histologic)

Target Organs Eyes, skin, respiratory system

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: No recommendation
Eyes: No recommendation
Wash skin: No recommendation
Remove: No recommendation
Change: No recommendation

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

Up to 2.5 mg/m3:
(APF = 5) Any quarter-mask respirator.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*

Up to 5 mg/m3:
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*
(APF = 10) Any supplied-air respirator*

Up to 12.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode*
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.*

Up to 25 mg/m3:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter*
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 250 mg/m3:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:

(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0029 (/niosh/ipcsneng/neng0029.html)

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Chromium(III) compounds (as Cr)

Synonyms & Trade Names Synonyms vary depending upon the specific Chromium(III) compound. [Note: Chromium(III) compounds include soluble chromic salts.]

CAS No.	RTECS No.	DOT ID & Guide
	Conversion	IDLH 25 mg/m3 [as Cr(III)] See: cr3m3 (/niosh/idlh/cr3m3.html)

Exposure Limits

NIOSH REL : TWA 0.5 mg/m3 See Appendix C (nengapdxc.html)

OSHA PEL : TWA 0.5 mg/m3 See Appendix C (nengapdxc.html)

Measurement Methods

NIOSH 7024 (/niosh/docs/2003-154/pdfs/7024.pdf), 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf);

OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html), ID125G (http://www.osha.gov/dts/sltc/methods/inorganic/id125g/id125g.html) (http://www.cdc.gov/Other/disclaimer.html)

See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Appearance and odor vary depending upon the specific compound.

Properties vary depending upon the specific compound.					

Incompatibilities & Reactivities Varies

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms irritation eyes; sensitization dermatitis

Target Organs Eyes, skin

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: No recommendation

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Water flush promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations
NIOSH/OSHA

Up to 2.5 mg/m3:
(APF = 5) Any quarter-mask respirator.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*

Up to 5 mg/m3:
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*
(APF = 10) Any supplied-air respirator*

Up to 12.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode*
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.*

Up to 25 mg/m3:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter*
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-

contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See MEDICAL TESTS: 0052 (/niosh/docs/2005-110/nmed0052.html)

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Benzene

Synonyms & Trade Names Benzol, Phenyl hydride

CAS No. 71-43-2	RTECS No. CY1400000 (/niosh-rtecs/CY155CCo.html)	DOT ID & Guide 1114 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula C_6H_6	Conversion 1 ppm = 3.19 mg/m³	IDLH Ca [500 ppm] See: 71432 (/niosh/idlh/71432.html)
Exposure Limits NIOSH REL : Ca TWA 0.1 ppm ST 1 ppm See Appendix A (nengapdxa.html) OSHA PEL : [1910.1028] TWA 1 ppm ST 5 ppm See Appendix F (nengapdxf.html)		Measurement Methods **NIOSH** 1500 (/niosh/docs/2003-154/pdfs/1500.pdf), 1501 (/niosh/docs/2003-154/pdfs/1501.pdf), 3700 (/niosh/docs/2003-154/pdfs/3700.pdf), 3800 (/niosh/docs/2003-154/pdfs/3800.pdf); **OSHA** 12 (http://www.osha.gov/dts/sltc/methods/organic/org012/org012.html) (http://www.cdc.gov/Other/disclaimer.html), 1005 (http://www.osha.gov/dts/sltc/methods/validated/1005/1005.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless to light-yellow liquid with an aromatic odor. [Note: A solid below 42°F.]

MW:	BP:	FRZ:	Sol:	VP:	IP:
78.1	176°F	42°F	0.07%	75 mmHg	9.24 eV
Sp.Gr:	**Fl.P:**	**UEL:**	**LEL:**		
0.88	12°F	7.8%	1.2%		

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities Strong oxidizers, many fluorides & perchlorates, nitric acid

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, nose, respiratory system; dizziness; headache, nausea, staggered gait; anorexia, lassitude (weakness, exhaustion); dermatitis; bone marrow depression; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, blood, central nervous system, bone marrow

Cancer Site [leukemia]

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations
(See Appendix E) (nengapdxe.html)

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0015 (/niosh/ipcsneng/neng0015.html) See MEDICAL TESTS: 0022 (/niosh/docs/2005-110/nmed0022.html)

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Ethyl benzene

Synonyms & Trade Names Ethylbenzol, Phenylethane

CAS No. 100-41-4	**RTECS No.** DA0700000 (/niosh-rtecs/DAAAE60.html)	**DOT ID & Guide** 1175 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula $CH_3CH_2C_6H_5$	**Conversion** 1 ppm = 4.34 mg/m³	**IDLH** 800 ppm [10%LEL] See: 100414 (/niosh/idlh/100414.html)
Exposure Limits **NIOSH REL** : TWA 100 ppm (435 mg/m³) ST 125 ppm (545 mg/m³) **OSHA PEL** † (nengapdxg.html) : TWA 100 ppm (435 mg/m³)		**Measurement Methods** **NIOSH** 1501 (/niosh/docs/2003-154/pdfs/1501.pdf) ; **OSHA** 7 (http://www.osha.gov/dts/sltc/methods/organic/org001/org001.html) (http://www.cdc.gov/Other/disclaimer.html) , 1002 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1002/1002.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with an aromatic odor.

MW:	BP:	FRZ:	Sol:	VP:	IP:
106.2	277°F	-139°F	0.01%	7 mmHg	8.76 eV
Sp.Gr:	**Fl.P:**	**UEL:**	**LEL:**		
0.87	55°F	6.7%	0.8%		

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities Strong oxidizers

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, mucous membrane; headache; dermatitis; narcosis, coma

Target Organs Eyes, skin, respiratory system, central nervous system

Personal Protection/Sanitation (See protection codes (protect.html)) **Skin:** Prevent skin contact **Eyes:** Prevent eye contact **Wash skin:** When contaminated **Remove:** When wet (flammable) **Change:** No recommendation	**First Aid** (See procedures (firstaid.html)) **Eye:** Irrigate immediately **Skin:** Water flush promptly **Breathing:** Respiratory support **Swallow:** Medical attention immediately

Respirator Recommendations

NIOSH/OSHA

Up to 800 ppm:
(APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0268 (/niosh/ipcsneng/neng0268.html) See MEDICAL TESTS: 0098 (/niosh/docs/2005-110/nmed0098.html)

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m-Xylene

Synonyms & Trade Names 1,3-Dimethylbenzene; meta-Xylene; m-Xylol

CAS No. 108-38-3	**RTECS No.** ZE2275000 (/niosh-rtecs/ZE22B6B8.html)	**DOT ID & Guide** 1307 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula $C_6H_4(CH_3)_2$	**Conversion** 1 ppm = 4.34 mg/m³	**IDLH** 900 ppm See: 95476 (/niosh/idlh/95476.html)
Exposure Limits **NIOSH REL** : TWA 100 ppm (435 mg/m³) ST 150 ppm (655 mg/m³) **OSHA PEL** † (nengapdxg.html) : TWA 100 ppm (435 mg/m³)		**Measurement Methods** **NIOSH** 1501 (/niosh/docs/2003-154/pdfs/1501.pdf), 3800 (/niosh/docs/2003-154/pdfs/3800.pdf); **OSHA** 1002 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1002/1002.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with an aromatic odor.

MW:	BP:	FRZ:	Sol:	VP:	IP:
106.2	282°F	-54°F	Slight	9 mmHg	8.56 eV

Sp.Gr:	Fl.P:	UEL:	LEL:
0.86	82°F	7.0%	1.1%

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities Strong oxidizers, strong acids

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

Personal Protection/Sanitation (See protection codes (protect.html)) **Skin:** Prevent skin contact **Eyes:** Prevent eye contact **Wash skin:** When contaminated **Remove:** When wet (flammable)	**First Aid** (See procedures (firstaid.html)) **Eye:** Irrigate immediately **Skin:** Soap wash promptly **Breathing:** Respiratory support **Swallow:** Medical attention immediately

Change: No recommendation

Respirator Recommendations

NIOSH/OSHA

Up to 900 ppm:
(APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0085 (/niosh/ipcsneng/neng0085.html)

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o-Xylene

Synonyms & Trade Names 1,2-Dimethylbenzene; ortho-Xylene; o-Xylol

CAS No. 95-47-6	**RTECS No.** ZE2450000 (/niosh-rtecs/ZE256250.html)	**DOT ID & Guide** 1307 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula $C_6H_4(CH_3)_2$	**Conversion** 1 ppm = 4.34 mg/m³	**IDLH** 900 ppm See: 95476 (/niosh/idlh/95476.html)
Exposure Limits **NIOSH REL** : TWA 100 ppm (435 mg/m³) ST 150 ppm (655 mg/m³) **OSHA PEL** † (nengapdxg.html) : TWA 100 ppm (435 mg/m³)		**Measurement Methods** **NIOSH** 1501 (/niosh/docs/2003-154/pdfs/1501.pdf), 3800 (/niosh/docs/2003-154/pdfs/3800.pdf); **OSHA** 1002 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1002/1002.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with an aromatic odor.

MW:	BP:	FRZ:	Sol:	VP:	IP:
106.2	292°F	-13°F	0.02%	7 mmHg	8.56 eV
Sp.Gr:	**Fl.P:**	**UEL:**	**LEL:**		
0.88	90°F	6.7%	0.9%		

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities Strong oxidizers, strong acids

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

Personal Protection/Sanitation (See protection codes (protect.html)) **Skin:** Prevent skin contact **Eyes:** Prevent eye contact **Wash skin:** When contaminated **Remove:** When wet (flammable)	**First Aid** (See procedures (firstaid.html)) **Eye:** Irrigate immediately **Skin:** Soap wash promptly **Breathing:** Respiratory support **Swallow:** Medical attention immediately

Remove: When wet (flammable)
Change: No recommendation

Respirator Recommendations

NIOSH/OSHA

Up to 900 ppm:
(APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0084 (/niosh/ipcsneng/neng0084.html)

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p-Xylene

Synonyms & Trade Names 1,4-Dimethylbenzene; para-Xylene; p-Xylol

CAS No. 106-42-3	**RTECS No.** ZE2625000 (/niosh-rtecs/ZE280DE8.html)	**DOT ID & Guide** 1307 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula $C_6H_4(CH_3)_2$	**Conversion** 1 ppm = 4.41 mg/m³	**IDLH** 900 ppm See: 95476 (/niosh/idlh/95476.html)
Exposure Limits **NIOSH REL** : TWA 100 ppm (435 mg/m³) ST 150 ppm (655 mg/m³) **OSHA PEL** † (nengapdxg.html) : TWA 100 ppm (435 mg/m³)		**Measurement Methods** **NIOSH** 1501 (/niosh/docs/2003-154/pdfs/1501.pdf), 3800 (/niosh/docs/2003-154/pdfs/3800.pdf); **OSHA** 1002 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1002/1002.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with an aromatic odor. [Note: A solid below 56°F.]

MW:	BP:	FRZ:	Sol:	VP:	IP:
106.2	281°F	56°F	0.02%	9 mmHg	8.44 eV

Sp.Gr:	Fl.P:	UEL:	LEL:
0.86	81°F	7.0%	1.1%

Class IC Flammable Liquid: Fl.P. at or above 73°F and below 100°F.

Incompatibilities & Reactivities Strong oxidizers, strong acids

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, nose, throat; dizziness, excitement, drowsiness, incoordination, staggering gait; corneal vacuolization; anorexia, nausea, vomiting, abdominal pain; dermatitis

Target Organs Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, kidneys

Personal Protection/Sanitation (See protection codes (protect.html)) **Skin:** Prevent skin contact **Eyes:** Prevent eye contact **Wash skin:** When contaminated **Remove:** When wet (flammable)	**First Aid** (See procedures (firstaid.html)) **Eye:** Irrigate immediately **Skin:** Soap wash promptly **Breathing:** Respiratory support **Swallow:** Medical attention immediately

Change: No recommendation

Respirator Recommendations

NIOSH/OSHA

Up to 900 ppm:
(APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0086 (/niosh/ipcsneng/neng0086.html)

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Chlorodiphenyl (54% chlorine)

Synonyms & Trade Names Aroclor® 1254, PCB, Polychlorinated biphenyl

CAS No. 11097-69-1	**RTECS No.** TQ1360000 (/niosh-rtecs/TQ14C080.html)	**DOT ID & Guide** 2315 171 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=171) (http://www.cdc.gov/Other/disclaimer.html)
Formula $C_6H_3Cl_2C_6H_2Cl_3$ (approx)	**Conversion**	**IDLH** Ca [5 mg/m³] See: IDLH INDEX (/idlh/intridl4.html)

Exposure Limits

NIOSH REL *: Ca TWA 0.001 mg/m³ See Appendix A (nengapdxa.html) [*Note: The REL also applies to other PCBs.]

OSHA PEL : TWA 0.5 mg/m³ [skin]

Measurement Methods

NIOSH 5503 (/niosh/docs/2003-154/pdfs/5503.pdf);

OSHA PV2088 (http://www.osha.gov/dts/sltc/methods/partial/t-pv2088-01-8812-ch/t-pv2088-01-8812-ch.html) (http://www.cdc.gov/Other/disclaimer.html)

See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless to pale-yellow, viscous liquid or solid (below 50°F) with a mild, hydrocarbon odor.

MW: 326 (approx)	**BP:** 689-734°F	**FRZ:** 50°F	**Sol:** Insoluble	**VP:** 0.00006 mmHg	**IP:** ?
Sp.Gr(77°F): 1.38	**Fl.P:** NA	**UEL:** NA	**LEL:** NA		

Nonflammable Liquid, but exposure in a fire results in the formation of a black soot containing PCBs, polychlorinated dibenzofurans, and chlorinated dibenzo-p-dioxins.

Incompatibilities & Reactivities Strong oxidizers

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, chloracne; liver damage; reproductive effects; [potential occupational carcinogen]

carcinogen]

Target Organs Skin, eyes, liver, reproductive system

Cancer Site [in animals: tumors of the pituitary gland & liver, leukemia]

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: Daily
Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash immediately
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister having an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0939 (/niosh/ipcsneng/neng0939.html) See MEDICAL TESTS: 0176 (/niosh/docs/2005-110/nmed0176.html)

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Tetrachloroethylene

Synonyms & Trade Names Perchlorethylene, Perchloroethylene, Perk, Tetrachlorethylene

CAS No. 127-18-4	**RTECS No.** KX3850000 (/niosh-rtecs/KX3ABF10.html)	**DOT ID & Guide** 1897 160 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=160) (http://www.cdc.gov/Other/disclaimer.html)
Formula $Cl_2C=CCl_2$	**Conversion** 1 ppm = 6.78 mg/m3	**IDLH** Ca [150 ppm] See: 127184 (/niosh/idlh/127184.html)

Exposure Limits

NIOSH REL : Ca Minimize workplace exposure concentrations. See Appendix A (nengapdxa.html)

OSHA PEL † (nengapdxg.html) : TWA 100 ppm
C 200 ppm (for 5 minutes in any 3-hour period), with a maximum peak of 300 ppm

Measurement Methods

NIOSH 1003 (/niosh/docs/2003-154/pdfs/1003.pdf) ; **OSHA** 1001 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1001/1001.html) (http://www.cdc.gov/Other/disclaimer.html)
See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with a mild, chloroform-like odor.

MW:	BP:	FRZ:	Sol:	VP:	IP:
165.8	250°F	-2°F	0.02%	14 mmHg	9.32 eV
Sp.Gr:	**Fl.P:**	**UEL:**	**LEL:**		
1.62	NA	NA	NA		

Noncombustible Liquid, but decomposes in a fire to hydrogen chloride and phosgene.

Incompatibilities & Reactivities Strong oxidizers; chemically-active metals such as lithium, beryllium & barium; caustic soda; sodium hydroxide; potash

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, nose, throat, respiratory system; nausea; flush face, neck; dizziness, incoordination; headache, drowsiness; skin erythema (skin redness); liver damage; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, liver, kidneys, central nervous system

Cancer Site [in animals: liver tumors]

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: No recommendation
Provide: Eyewash, Quick drench

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0076 (/niosh/ipcsneng/neng0076.html) See MEDICAL TESTS: 0179 (/niosh/docs/2005-110/nmed0179.html)

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Trichloroethylene

Synonyms & Trade Names Ethylene trichloride, TCE, Trichloroethene, Trilene

CAS No. 79-01-6	**RTECS No.** KX4550000 (/niosh-rtecs/KX456D70.html)	**DOT ID & Guide** 1710 160 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=160) (http://www.cdc.gov/Other/disclaimer.html)
Formula $ClCH=CCl_2$	**Conversion** 1 ppm = 5.37 mg/m3	**IDLH** Ca [1000 ppm] See: 79016 (/niosh/idlh/79016.html)
Exposure Limits **NIOSH REL** : Ca See Appendix A (nengapdxa.html) See Appendix C (nengapdxc.html) **OSHA PEL** † (nengapdxg.html): TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 2 hours)		**Measurement Methods** **NIOSH** 1022 (/niosh/docs/2003-154/pdfs/1022.pdf), 3800 (/niosh/docs/2003-154/pdfs/3800.pdf); **OSHA** 1001 (http://www.osha.gov/dts/sltc/methods/mdt/mdt1001/1001.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid (unless dyed blue) with a chloroform-like odor.

MW:	BP:	FRZ:	Sol:	VP:	IP:
131.4	189°F	-99°F	0.1%	58 mmHg	9.45 eV
Sp.Gr: 1.46	**Fl.P:** ?	UEL(77°F): 10.5%	LEL(77°F): 8%		

Combustible Liquid, but burns with difficulty.

Incompatibilities & Reactivities Strong caustics & alkalis; chemically-active metals (such as barium, lithium, sodium, magnesium, titanium & beryllium)

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin; headache, visual disturbance, lassitude (weakness, exhaustion), dizziness, tremor, drowsiness, nausea, vomiting; dermatitis; cardiac arrhythmias, paresthesia; liver injury; [potential occupational carcinogen]

Target Organs Eyes, skin, respiratory system, heart, liver, kidneys, central nervous system

Cancer Site [in animals: liver & kidney cancer]

Personal Protection/Sanitation (See protection codes (protect.html))	**First Aid** (See procedures (firstaid.html)) **Eye:** Irrigate immediately

codes (protectclothy)
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet or contaminated
Change: No recommendation
Provide: Eyewash, Quick drench

Eye: Irrigate immediately
Skin: Soap wash promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0081 (/niosh/ipcsneng/neng0081.html) See MEDICAL TESTS: 0236 (/niosh/docs/2005-110/nmed0236.html)

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Toluene

Synonyms & Trade Names Methyl benzene, Methyl benzol, Phenyl methane, Toluol

CAS No. 108-88-3	**RTECS No.** XS5250000 (/niosh-rtecs/XS501BDo.html)	**DOT ID & Guide** 1294 130 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx?guide=130) (http://www.cdc.gov/Other/disclaimer.html)
Formula $C_6H_5CH_3$	**Conversion** 1 ppm = 3.77 mg/m3	**IDLH** 500 ppm See: 108883 (/niosh/idlh/108883.html)

Exposure Limits
NIOSH REL : TWA 100 ppm (375 mg/m3) ST 150 ppm (560 mg/m3)
OSHA PEL † (nengapdxg.html) : TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)

Measurement Methods
NIOSH 1500 (/niosh/docs/2003-154/pdfs/1500.pdf) , 1501 (/niosh/docs/2003-154/pdfs/1501.pdf) , 3800 (/niosh/docs/2003-154/pdfs/3800.pdf) , 4000 (/niosh/docs/2003-154/pdfs/4000.pdf) ;
OSHA 111 (http://www.osha.gov/dts/sltc/methods/organic/org111/org111.html) (http://www.cdc.gov/Other/disclaimer.html)
See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless liquid with a sweet, pungent, benzene-like odor.

MW:	BP:	FRZ:	Sol(74°F):	VP:	IP:
92.1	232°F	-139°F	0.07%	21 mmHg	8.82 eV

Sp.Gr:	Fl.P:	UEL:	LEL:
0.87	40°F	7.1%	1.1%

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Incompatibilities & Reactivities Strong oxidizers

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, nose; lassitude (weakness, exhaustion), confusion, euphoria, dizziness, headache; dilated pupils, lacrimation (discharge of tears); anxiety, muscle fatigue, insomnia; paresthesia; dermatitis; liver, kidney damage

Target Organs Eyes, skin, respiratory system, central nervous system, liver, kidneys

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap wash promptly

Eyes: Prevent eye contact
Wash skin: When contaminated
Remove: When wet (flammable)
Change: No recommendation

Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

Up to 500 ppm:
(APF = 10) Any chemical cartridge respirator with organic vapor cartridge(s)*
(APF = 25) Any powered, air-purifying respirator with organic vapor cartridge(s)*
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
(APF = 10) Any supplied-air respirator*
(APF = 50) Any self-contained breathing apparatus with a full facepiece

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted organic vapor canister
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0078 (/niosh/ipcsneng/neng0078.html) See MEDICAL TESTS: 0232 (/niosh/docs/2005-110/nmed0232.html)

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Centers for Disease Control and Prevention 1600 Clifton Rd. Atlanta, GA 30333, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

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APPENDIX C

Soil Boring Geologic Logs

CA RICH Consultants, Inc.
Environmental Specialists
17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

BOREHOLE NO.: **SB-1**
TOTAL DEPTH: **4 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/16/2014**	HAMMER WT./DROP	**NA**

Water level in boring

DEPTH	SOIL TYPE	SOIL DESCRIPTION	COMMENTS	SAMPLE	Blows per ft.	PID ppm
0						
		Dark brown medium grain sand with small amounts of concrete, wood, and brick.				0.0
1		Dark brown medium grain sand with pebbles.				0.0
2					Push	0.0
3				SB-1(2-4')		0.0
4						

NOTES:

CA RICH Consultants, Inc.

Environmental Specialists

17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

BOREHOLE NO.: **SB-2**

TOTAL DEPTH: **4 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/16/2014**	HAMMER WT./DROP	**NA**

Water level in boring

DEPTH	SOIL TYPE	SOIL DESCRIPTION	COMMENTS	SAMPLE	Blows per ft.	PID ppm
0						0.0
1		Dark brown medium grain sand with small amounts of concrete and brick.				0.0
2					Push	0.0
3				SB-2(2-4')		0.0
4						

NOTES:

CA RICH Consultants, Inc.

Environmental Specialists

17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

BOREHOLE NO.: **SB-3**

TOTAL DEPTH: **8 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/16/2014**	HAMMER WT./DROP	**NA**

Water level in boring

DEPTH	SOIL TYPE	SOIL DESCRIPTION	COMMENTS	SAMPLE	Blows per ft.	PID ppm
0						0.0
1		Tan medium grain sand with small amounts of concrete, wood and brick.				0.0
2						0.0
3						0.0
4					Push	
5		Tan silt and sand.				0.0
6						0.0
7				SB-3(6-8')		0.0
8						

NOTES:

CA RICH Consultants, Inc.

Environmental Specialists

17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

BOREHOLE NO.: **SB-4**

TOTAL DEPTH: **8 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/16/2014**	HAMMER WT./DROP	**NA**

Water level in boring

DEPTH	SOIL TYPE	SOIL DESCRIPTION	COMMENTS	SAMPLE	Blows per ft.	PID ppm
0						0.0
1		Dark brown medium grain sand with small amounts of concrete, wood and brick.				0.0
2						0.0
3						0.0
4					Push	
5		Light brown silt and sand.				0.0
6						0.0
7				SB-4(6-8')		0.0
8						

NOTES:

CA RICH Consultants, Inc.

Environmental Specialists

17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

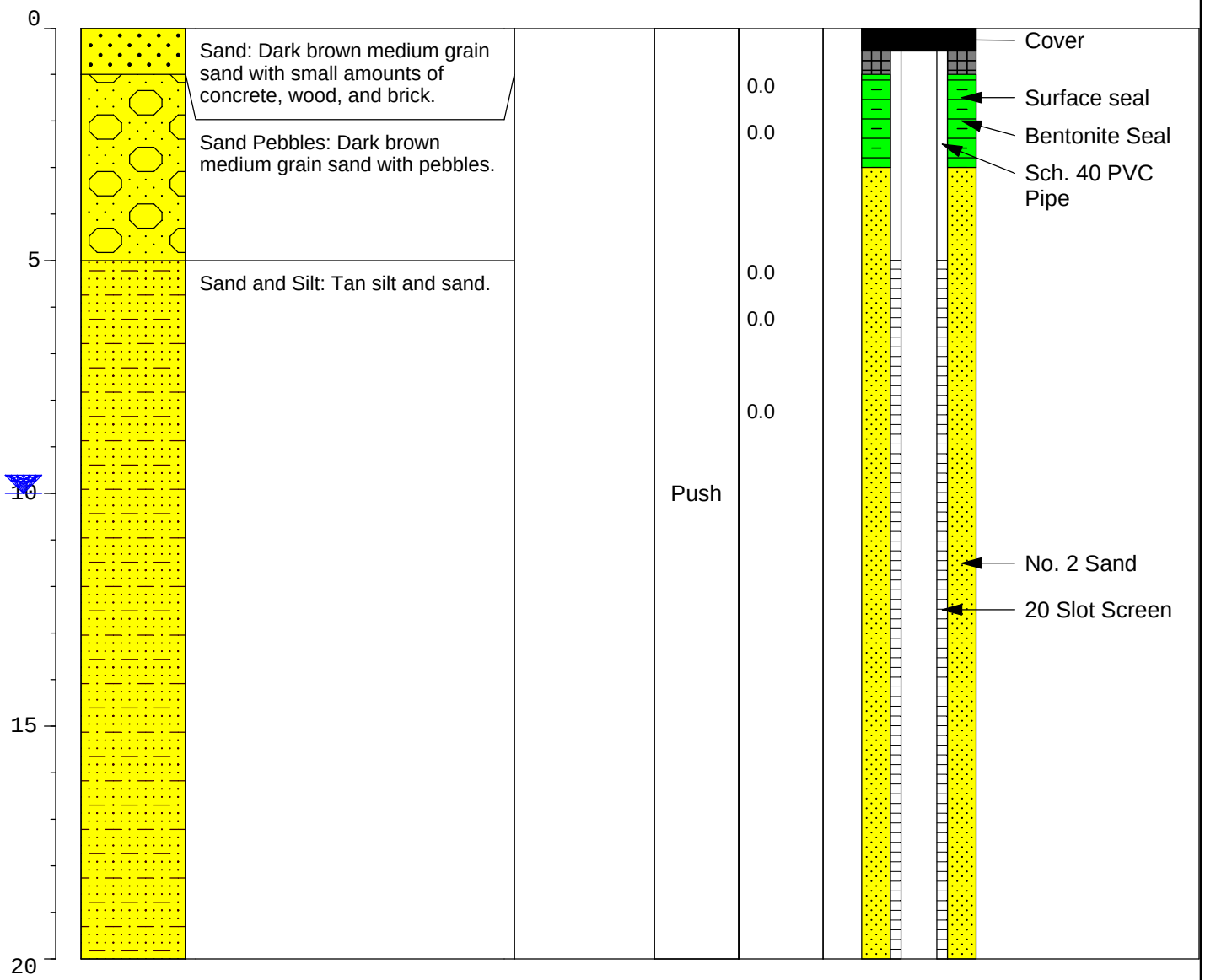
BOREHOLE NO.: **MW-1**

TOTAL DEPTH: **20 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/17/14**	HAMMER WT./DROP	**NA**

Water level in well

DEPTH	SOIL TYPE	SOIL DESCRIPTION	SAMPLE NUMBER	Blows per ft.	PID ppm	BORING COMPLETION	WELL DESCRIPTION
0		Sand: Dark brown medium grain sand with small amounts of concrete, wood, and brick.			0.0		Cover
		Sand Pebbles: Dark brown medium grain sand with pebbles.			0.0		Surface seal, Bentonite Seal, Sch. 40 PVC Pipe
5		Sand and Silt: Tan silt and sand.			0.0		
					0.0		
10				Push	0.0		No. 2 Sand, 20 Slot Screen
15							
20							



NOTES: MW-1 is a two-inch diameter monitoring well.

CA RICH Consultants, Inc.

Environmental Specialists

17 Dupont Street, Plainview, NY 11803

FIELD BORING LOG

BOREHOLE NO.: **MW-2**

TOTAL DEPTH: **20 ft**

PROJECT INFORMATION		DRILLING INFORMATION	
PROJECT:	**7 Whipple Street**	DRILLING CO.:	**Zebra Environmental**
SITE LOCATION:	**Brooklyn, NY**	DRILLER:	**John Diamond**
JOB NO.:	**Whipple Apartments**	RIG TYPE:	**Geoprobe**
LOGGED BY:	**Jessica Proscia**	METHOD OF DRILLING:	**Direct Push**
PROJECT MANAGER:	**Victoria Whelan**	SAMPLING METHODS:	**Soil Sleeves**
DATES DRILLED:	**1/17/14**	HAMMER WT./DROP	**NA**

Water level in well

DEPTH	SOIL TYPE	SOIL DESCRIPTION	SAMPLE NUMBER	Blows per ft.	PID ppm	BORING COMPLETION	WELL DESCRIPTION
0		Sand: Dark brown medium grain sand with small amounts of concrete, wood, and brick.			0.0		Cover
							Surface seal
							Bentonite Seal
					0.0		Sch. 40 PVC Pipe
5		Sand and Silt: Light brown silt and sand.			0.0		
					0.0		
					0.0		
10				Push			No. 2 Sand
							20 Slot Screen
15							
20							

NOTES: MW-2 is a two-inch diameter monitoring well.

APPENDIX D

Water Quality Measurment Logs

Water Quality Measurement Log

RICH ENVIRONMENTAL SPECIALISTS

Location: (Site/Facility Name) Whipple Street
Date: 11/7/14
Sampling Personnel: JP + VW
Weather: Sunny 50°
Identify Measuring Point (MP): MW-1
Well ID:
Static Depth to Water (Prior to installing pump) 8.24

Depth to: 5ft / 20ft of screen
(Below MP) (Top) Bottom
Pump Intake at (ft. below MP)
Well Diameter: 2in
Purging Device: (Pump type) Monsoon
Purge Start Time: 1020 Purge End Time: 1130
Sample Start Time: 1130 Sample End Time: 1145

Clock Time	Water Depth Below MP	Pump Dial [1]	Purge Rate	Cum. Volume Purged	Temp.	Spec. Conduct.[2]	pH	ORP/Eh[3]	DO	Turbidity	Comments
24 HR	FT		ml/min	Liters	°C	uS/cm		mv	mg/L	NTU	
Tolerance	**0.33 ft**				**3%**	**3%**	**± 0.1**	**± 10**	**10%**	**10%**	
1020	9.04	7.4	400	400	11.80	1.10	6.86	-172	7.69	659	Initial Readings
1040	8.59	6.6	300	1.5g	12.14	1.15	6.90	-228	2.94	370	Restart
1050	8.70	6.6	300	2g	12.40	1.20	6.89	-437	1.76	93.8	
1100	8.34	6.9	100	2.5g	11.98	1.17	6.89	-459	1.58	77.5	Slow down pump (too fast)
1110	8.45	6.9	100	2.5	11.85	1.17	6.89	-452	1.53	73.4	
1115	8.47	6.9	100	2.6	11.78	1.16	6.89	-445	1.48	70	
1120	8.48	6.9	100	2.7	11.59	1.17	6.89	-432	1.37	68.1	
1125	8.48	6.9	100	2.7	11.50	1.16	6.89	-430	1.31	67.5	
1130	8.49	6.9	100	2.8 (3g)	11.54	1.16	6.89	-425	1.33	65.8	

Restart → Start Bottle

1. Pump dial setting (Example: hertz, cycles/minute, etc)
2. uSiemens per cm (same as umhos/cm) at 25°C
3. Oxidation reduction potential (stand in for Eh)

RICH ENVIRONMENTAL SPECIALISTS

Water Quality Measurement Log

Location: (Site/Facility Name) Whipple Street
Date: 1/17/14
Sampling Personnel: JP + VW
Weather: Sunny 50°
Identify Measuring Point (MP): MW-2
Well ID:
Static Depth to Water (Prior to installing pump) 7.58

Depth to: 5 / 20 of screen
(Below MP) (Top) Bottom
Pump Intake at (ft. below MP)
Well Diameter: 2in
Purging Device: (Pump type) Monsoon
Purge Start Time: 1230 Purge End Time: 1320
Sample Start Time: 1320 Sample End Time: 1350

Clock Time 24 HR	Water Depth Below MP FT	Pump Dial [1]	Purge Rate ml/min	Cum. Volume Purged Liters	Temp. °C	Spec. Conduct.[2] µS/cm	pH	ORP/Eh[3] mv	DO mg/L	Turbidity NTU	Comments
Tolerance	**0.33 ft**				**3%**	**3%**	**± 0.1**	**± 10**	**10%**	**10%**	
1230	7.75	8.9	100	100	12.11	.859	7.11	-135	1.41	91.1	Start Reading Illustrated
1255	7.75	8.9	200	1	12.63	.907	7.11	-322	1.36	16.2	
1300	7.75	8.9	200	1	12.70	.969	7.10	-327	1.33	154	
1305	7.75	8.9	200	1	12.77	.913	7.11	-335	1.24	143	
1310	7.75	8.9	200	1	12.80	.914	7.12	-340	1.18	135	
1315	7.75	8.9	200	1	12.85	.916	7.12	-343	1.16	125	
1320	7.75	8.9	200	1	12.87	.918	7.14	-350	1.12	125	

1. Pump dial setting (Example: hertz, cycles/minute, etc)
2. uSiemens per cm (same as umhos/cm) at 25°C
3. Oxidation reduction potential (stand in for Eh)

APPENDIX E

Laboratory Data Deliverables for Soil, Groundwater and Soil Vapor

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

January 27, 2014

Jessica Proscia
CA Rich Consultants Inc.
17 Dupont Street
Plainview, NY 11803
TEL: (516) 576-8844
FAX (516) 576-0093

RE: 7 Whipple Street, Brooklyn, NY Order No.: 1401081

Dear Jessica Proscia:

American Analytical Laboratories, LLC. received 8 sample(s) on 1/17/2014 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report. The results reported herein relate only to the items tested or to the samples as received by the laboratory. This report may not be reproduced, except in full, without the approval of American Analytical Laboratories, LLC and is not considered complete without a cover page and chain of custody documentation. The limits (LOQ) provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report or the data is qualified either on the sample results or in the QC section of the report. This package has been reviewed by American Analytical Laboratories' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer

Lori Beyer
Lab Director
American Analytical Laboratories, LLC.

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Workorder Sample Summary

WO#: **1401081**

28-Jan-14

CLIENT: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY

Lab SampleID	Client Sample ID	Tag No	Date Collected	Date Received	Matrix
1401081-001A	SB-1 (2-4ft)		1/16/2014 9:11:00 AM	1/17/2014 4:30:00 PM	Soil
1401081-001B	SB-1 (2-4ft)		1/16/2014 9:11:00 AM	1/17/2014 4:30:00 PM	Soil
1401081-002A	SB-2 (2-4ft)		1/16/2014 10:23:00 AM	1/17/2014 4:30:00 PM	Soil
1401081-002B	SB-2 (2-4ft)		1/16/2014 10:23:00 AM	1/17/2014 4:30:00 PM	Soil
1401081-003A	SB-3 (6-8ft)		1/16/2014 12:00:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-003B	SB-3 (6-8ft)		1/16/2014 12:00:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-004A	SB-4 (6-8ft)		1/16/2014 12:15:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-004B	SB-4 (6-8ft)		1/16/2014 12:15:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-005A	SB-X		1/16/2014 12:17:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-005B	SB-X		1/16/2014 12:17:00 PM	1/17/2014 4:30:00 PM	Soil
1401081-006A	MW-1		1/17/2014 11:45:00 AM	1/17/2014 4:30:00 PM	Liquid
1401081-006B	MW-1		1/17/2014 11:45:00 AM	1/17/2014 4:30:00 PM	Liquid
1401081-006C	MW-1		1/17/2014 11:45:00 AM	1/17/2014 4:30:00 PM	Liquid
1401081-006D	MW-1		1/17/2014 11:45:00 AM	1/17/2014 4:30:00 PM	Liquid
1401081-006E	MW-1		1/17/2014 11:45:00 AM	1/17/2014 4:30:00 PM	Liquid
1401081-007A	MW-2		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-007B	MW-2		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-007C	MW-2		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-007D	MW-2		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-007E	MW-2		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-008A	MW-X		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-008B	MW-X		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-008C	MW-X		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-008D	MW-X		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid
1401081-008E	MW-X		1/17/2014 1:50:00 PM	1/17/2014 4:30:00 PM	Liquid

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Case Narrative

WO#: **1401081**
Date: **1/27/2014**

CLIENT: CA Rich Consultants Inc.
Project: 7 Whipple Street, Brooklyn, NY

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846 and additional methods as detailed throughout the text of the report. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives with exceptions notated in this Narrative discussion and/or in the QC Summary Section of the lab report with appropriate qualifiers. Additional quality control information such as surrogate recovery values for organic testing is provided as part of the analytical results.

Soil sample results analyzed for Volatile Organics via preparation method SW846 Method 5035A via the Low Level procedures potentially may be estimated, "J" (biased low) since the samples for this test were not collected according to the 5035A Method.
Volatile LCS are analyzed with preservatives - HCL/NaHSO4/Methanol depending on level of analysis (high/low) similar to sample analysis. Outliers can be attributed to the presence of chemical preservatives. 2-Chloroethyl vinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Pesticide analysis by Method 8081B (if applicable to this work order) is analyzed on two distinct columns. Once a target compound is qualitatively confirmed by detection on both columns and quantitation is determined to be >40% between the two columns, AAL's policy is to report the lower of the values as suggested by SW846 Method 8000C in cases where no interference exists. If in the professional judgment of the laboratory, the higher value must be utilized this is explained in the lab report.

The following parameters (if included in this report) are not offered by NY ELAP: VOA 8260 Soil; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Diisopropyl ether, Ethanol, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl Acetate, n-Butyl Acetate, n-Propyl Acetate. VOA 8260 Liquid; 1,2,4,5-Tetramethylbenzene, Chlorodifluoromethane, Freon-114, p-Diethylbenzene, p-Ethyltoluene, Isopropyl Acetate, n-Amyl acetate, n-Butyl Acetate, n-Propyl Acetate. Pesticides 8081 Soil; DBCP. Herbicides 8151 Soil; 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Chloramben, DCPA, Picloram .Lachat 10-107-6-1B Ammonia in Soil, SM 2540G Total Volatile Solids, Soil TKN, Soil Organic Nitrogen, Percent Moisture, SM 4500-SO3 B Sulfite in Liquid, Total Sulfur in Soil, Acid Soluble Chloride by ASTMC1152, Water Soluble Chloride by ASTMC1218, Chlorine Demand by SM 2350 B, Total Residual Chlorine in Liquid

American Analytical Laboratories, LLC.
56 Toledo Street
Farmingdale, New York 11735
TEL: (631) 454-6100 FAX: (631) 454-8027
Website: www.American-Analytical.com

Case Narrative

WO#: **1401081**
Date: **1/27/2014**

CLIENT: CA Rich Consultants Inc.
Project: 7 Whipple Street, Brooklyn, NY

The test results meet the requirements of the NYSDOH and NELAC standards, except where noted. The information contained in this analytical report is the sole property of American Analytical Laboratories, LLC. or the client for which this report was issued. The results contained in this report are only representative of the samples received. The sample receipt checklist is included as part of this lab report. Conditions can vary at different times and at different sampling conditions. American Analytical is not responsible for the use or interpretation of the data included herein.

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1,1-Trichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1,2,2-Tetrachloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1,2-Trichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1-Dichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,1-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2,3-Trichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2,3-Trichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2,4,5-Tetramethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2,4-Trichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2,4-Trimethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2-Dibromo-3-chloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2-Dibromoethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2-Dichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,2-Dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,3,5-Trimethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,3-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,3-dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,4-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
1,4-Dioxane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2,2-Dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2-Butanone	U	5.69	11		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2-Chloroethyl vinyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2-Chlorotoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2-Hexanone	U	5.69	11		µg/Kg-dry	1	1/20/2014 6:29:00 PM
2-Propanol	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
4-Chlorotoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
4-Isopropyltoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
4-Methyl-2-pentanone	U	5.69	11		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Acetone	3.2	1.42	11	BJ*	µg/Kg-dry	1	1/20/2014 6:29:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Bromobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Bromochloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Bromodichloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Bromoform	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Bromomethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Carbon disulfide	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Carbon tetrachloride	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Chlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Chlorodifluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Chloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Chloroform	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Chloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
cis-1,2-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
cis-1,3-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Cyclohexane	U	2.28	5.7	*	µg/Kg-dry	1	1/20/2014 6:29:00 PM
Dibromochloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Dibromomethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Dichlorodifluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Diisopropyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Ethanol	U	11.4	23	*	µg/Kg-dry	1	1/20/2014 6:29:00 PM
Ethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Freon-114	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Hexachlorobutadiene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Isopropylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
m,p-Xylene	U	2.28	11		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Methyl Acetate	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Methyl tert-butyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Methylene chloride	5.4	1.14	5.7	BJ*	µg/Kg-dry	1	1/20/2014 6:29:00 PM
Naphthalene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
n-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
n-Propylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
o-Xylene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
p-Ethyltoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
sec-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Styrene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
t-Butyl alcohol	U	2.84	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
tert-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Tetrachloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Toluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
trans-1,2-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
trans-1,3-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Trichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Trichlorofluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Vinyl acetate	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Vinyl chloride	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 6:29:00 PM
Surr: 4-Bromofluorobenzene	99.9	0	56-133		%REC	1	1/20/2014 6:29:00 PM
Surr: Dibromofluoromethane	101	0	60-132		%REC	1	1/20/2014 6:29:00 PM
Surr: Toluene-d8	99.2	0	69-125		%REC	1	1/20/2014 6:29:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.171	0.008	0.0124	B	mg/Kg-dry	1	1/23/2014 3:01:31 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1221	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1232	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1242	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1248	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1254	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1260	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1262	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Aroclor 1268	U	11.2	22		µg/Kg-dry	1	1/24/2014 6:03:00 AM
Surr: DCB	50.6	0	12-144		%REC	1	1/24/2014 6:03:00 AM
Surr: TCX	63.8	0	13-145		%REC	1	1/24/2014 6:03:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
4,4´-DDE	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
4,4´-DDT	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Aldrin	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
alpha-BHC	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
beta-BHC	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Chlordane	U	11.2	22		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Chlorobenzilate	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
DBCP	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
delta-BHC	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Dieldrin	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endosulfan I	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endosulfan II	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endosulfan sulfate	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endrin	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endrin aldehyde	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Endrin ketone	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
gamma-BHC	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT: CA Rich Consultants Inc.
Lab Order: 1401081
Project: 7 Whipple Street, Brooklyn, NY
Lab ID: 1401081-001B

Client Sample ID: SB-1 (2-4ft)
Collection Date: 1/16/2014 9:11:00 AM
Matrix: SOIL

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Heptachlor epoxide	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Hexachlorobenzene	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Hexachlorocyclopentadiene	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Methoxychlor	U	1.12	2.8		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Toxaphene	U	14.0	28		µg/Kg-dry	1	1/24/2014 1:50:00 PM
Surr: DCB	51.8	0	16-148		%REC	1	1/24/2014 1:50:00 PM
Surr: TCX	54.8	0	19-145		%REC	1	1/24/2014 1:50:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	12	1	1.0		wt%	1	1/20/2014 4:29:04 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	7920	1.12	4.47		mg/Kg-dry	10	1/23/2014 1:22:02 PM
Antimony	U	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Arsenic	3.20	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Barium	44.9	0.22	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Beryllium	U	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Cadmium	U	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Calcium	1260	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Chromium	17.2	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Cobalt	U	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Copper	20.4	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Iron	13800	2.24	4.47		mg/Kg-dry	10	1/23/2014 1:22:02 PM
Lead	65.4	0.22	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Magnesium	1380	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Manganese	271	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Nickel	10.5	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Potassium	766	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Selenium	U	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Silver	0.231	0.11	0.447	J	mg/Kg-dry	1	1/23/2014 12:30:20 PM
Sodium	62.1	0.22	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Thallium	U	0.34	0.559		mg/Kg-dry	1	1/23/2014 12:30:20 PM
Vanadium	22.4	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	54.1	0.11	0.447		mg/Kg-dry	1	1/23/2014 12:30:20 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
1,2-Dichlorobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
1,3-Dichlorobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
1,4-Dichlorobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,3,4,6-Tetrachlorophenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4,5-Trichlorophenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4,6-Trichlorophenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4-Dichlorophenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4-Dimethylphenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4-Dinitrophenol	U	56.2	560	*	µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,4-Dinitrotoluene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2,6-Dinitrotoluene	U	56.2	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Chloronaphthalene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Chlorophenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Methylnaphthalene	U	28.1	280	m	µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Methylphenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Nitroaniline	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
2-Nitrophenol	U	56.2	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
3,3´-Dichlorobenzidine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
3+4-Methylphenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
3-Nitroaniline	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4,6-Dinitro-2-methylphenol	U	56.2	560	*	µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Bromophenyl phenyl ether	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Chloro-3-methylphenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Chloroaniline	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Chlorophenyl phenyl ether	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Nitroaniline	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
4-Nitrophenol	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Acenaphthene	47	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Acenaphthylene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Aniline	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Anthracene	94	28.1	280	Jm	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Atrazine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Azobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzaldehyde	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzidine	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzo(a)anthracene	210	28.1	280	Jm	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzo(a)pyrene	160	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzo(b)fluoranthene	150	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzo(g,h,i)perylene	89	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzo(k)fluoranthene	140	28.1	280	Jm	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzoic acid	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Benzyl alcohol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Biphenyl	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Bis(2-chloroethoxy)methane	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Bis(2-chloroethyl)ether	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Bis(2-chloroisopropyl)ether	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Bis(2-ethylhexyl)phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Butyl benzyl phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Caprolactam	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Carbazole	36	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Chrysene	230	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Dibenzo(a,h)anthracene	U	28.1	280	m	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Dibenzofuran	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Diethyl phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Dimethyl phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Di-n-butyl phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Di-n-octyl phthalate	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Fluoranthene	450	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Fluorene	36	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Hexachlorobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Hexachlorobutadiene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-1 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 9:11:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-001B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	56.2	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Hexachloroethane	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Indeno(1,2,3-c,d)pyrene	89	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Isophorone	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Naphthalene	53	28.1	280	J	µg/Kg-dry	1	1/23/2014 9:12:00 PM
Nitrobenzene	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
N-Nitrosodimethylamine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
N-Nitrosodi-n-propylamine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
N-Nitrosodiphenylamine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Parathion	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Pentachlorophenol	U	56.2	560		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Phenanthrene	450	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Phenol	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Pyrene	470	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Pyridine	U	28.1	280		µg/Kg-dry	1	1/23/2014 9:12:00 PM
Surr: 2,4,6-Tribromophenol	95.7	0	11-135		%REC	1	1/23/2014 9:12:00 PM
Surr: 2-Fluorobiphenyl	86.9	0	21-143		%REC	1	1/23/2014 9:12:00 PM
Surr: 2-Fluorophenol	97.8	0	14-122		%REC	1	1/23/2014 9:12:00 PM
Surr: 4-Terphenyl-d14	97.7	0	15-137		%REC	1	1/23/2014 9:12:00 PM
Surr: Nitrobenzene-d5	84.5	0	17-136		%REC	1	1/23/2014 9:12:00 PM
Surr: Phenol-d6	110	0	10-116		%REC	1	1/23/2014 9:12:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1,1-Trichloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1,2,2-Tetrachloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1,2-Trichloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1-Dichloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1-Dichloroethene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,1-Dichloropropene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2,3-Trichlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2,3-Trichloropropane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2,4,5-Tetramethylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2,4-Trichlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2,4-Trimethylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2-Dibromo-3-chloropropane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2-Dibromoethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2-Dichlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2-Dichloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,2-Dichloropropane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,3,5-Trimethylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,3-Dichlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,3-dichloropropane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,4-Dichlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
1,4-Dioxane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2,2-Dichloropropane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2-Butanone	U	5.90	12		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2-Chloroethyl vinyl ether	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2-Chlorotoluene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2-Hexanone	U	5.90	12		µg/Kg-dry	1	1/20/2014 6:56:00 PM
2-Propanol	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
4-Chlorotoluene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
4-Isopropyltoluene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
4-Methyl-2-pentanone	U	5.90	12		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Acetone	2.6	1.48	12	BJ*	µg/Kg-dry	1	1/20/2014 6:56:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Bromobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Bromochloromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Bromodichloromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Bromoform	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Bromomethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Carbon disulfide	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Carbon tetrachloride	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Chlorobenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Chlorodifluoromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Chloroethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Chloroform	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Chloromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
cis-1,2-Dichloroethene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
cis-1,3-Dichloropropene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Cyclohexane	U	2.36	5.9	*	µg/Kg-dry	1	1/20/2014 6:56:00 PM
Dibromochloromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Dibromomethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Dichlorodifluoromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Diisopropyl ether	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Ethanol	U	11.8	24	*	µg/Kg-dry	1	1/20/2014 6:56:00 PM
Ethylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Freon-114	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Hexachlorobutadiene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Isopropylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
m,p-Xylene	U	2.36	12		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Methyl Acetate	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Methyl tert-butyl ether	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Methylene chloride	7.9	1.18	5.9	B*	µg/Kg-dry	1	1/20/2014 6:56:00 PM
Naphthalene	11	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
n-Butylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
n-Propylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
o-Xylene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
p-Ethyltoluene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
sec-Butylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Styrene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
t-Butyl alcohol	U	2.95	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
tert-Butylbenzene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Tetrachloroethene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Toluene	2.3	1.18	5.9	J	µg/Kg-dry	1	1/20/2014 6:56:00 PM
trans-1,2-Dichloroethene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
trans-1,3-Dichloropropene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Trichloroethene	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Trichlorofluoromethane	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Vinyl acetate	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Vinyl chloride	U	1.18	5.9		µg/Kg-dry	1	1/20/2014 6:56:00 PM
Surr: 4-Bromofluorobenzene	89.5	0	56-133		%REC	1	1/20/2014 6:56:00 PM
Surr: Dibromofluoromethane	96.6	0	60-132		%REC	1	1/20/2014 6:56:00 PM
Surr: Toluene-d8	95.6	0	69-125		%REC	1	1/20/2014 6:56:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.677	0.05	0.0694	B	mg/Kg-dry	5	1/23/2014 3:38:11 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1221	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1232	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1242	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1248	280	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1254	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1260	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1262	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Aroclor 1268	U	11.9	24		µg/Kg-dry	1	1/24/2014 6:27:00 AM
Surr: DCB	40.0	0	12-144		%REC	1	1/24/2014 6:27:00 AM
Surr: TCX	45.5	0	13-145		%REC	1	1/24/2014 6:27:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	17	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
4,4´-DDE	20	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
4,4´-DDT	33	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Aldrin	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
alpha-BHC	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
beta-BHC	8.2	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Chlordane	U	11.9	24		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Chlorobenzilate	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
DBCP	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
delta-BHC	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Dieldrin	17	1.19	3.0	P	µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endosulfan I	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endosulfan II	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endosulfan sulfate	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endrin	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endrin aldehyde	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Endrin ketone	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
gamma-BHC	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Heptachlor epoxide	10	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Hexachlorobenzene	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Hexachlorocyclopentadiene	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Methoxychlor	U	1.19	3.0		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Toxaphene	U	14.9	30		µg/Kg-dry	1	1/24/2014 2:04:00 PM
Surr: DCB	55.6	0	16-148		%REC	1	1/24/2014 2:04:00 PM
Surr: TCX	50.8	0	19-145		%REC	1	1/24/2014 2:04:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	17	1	1.0		wt%	1	1/20/2014 4:29:04 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	8600	1.18	4.72		mg/Kg-dry	10	1/23/2014 1:24:04 PM
Antimony	U	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Arsenic	3.37	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Barium	158	0.24	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Beryllium	U	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Cadmium	0.276	0.12	0.472	J	mg/Kg-dry	1	1/23/2014 12:32:22 PM
Calcium	8570	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Chromium	15.9	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Cobalt	U	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Copper	28.8	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Iron	13400	2.36	4.72		mg/Kg-dry	10	1/23/2014 1:24:04 PM
Lead	77.0	0.24	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Magnesium	2380	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Manganese	230	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Nickel	10.3	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Potassium	760	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Selenium	U	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Silver	0.202	0.12	0.472	J	mg/Kg-dry	1	1/23/2014 12:32:22 PM
Sodium	178	0.24	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Thallium	U	0.35	0.590		mg/Kg-dry	1	1/23/2014 12:32:22 PM
Vanadium	19.6	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	145	0.12	0.472		mg/Kg-dry	1	1/23/2014 12:32:22 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
1,2-Dichlorobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
1,3-Dichlorobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
1,4-Dichlorobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,3,4,6-Tetrachlorophenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4,5-Trichlorophenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4,6-Trichlorophenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4-Dichlorophenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4-Dimethylphenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4-Dinitrophenol	U	59.5	600	*	µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,4-Dinitrotoluene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2,6-Dinitrotoluene	U	59.5	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Chloronaphthalene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Chlorophenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Methylnaphthalene	U	29.8	300	m	µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Methylphenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Nitroaniline	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
2-Nitrophenol	U	59.5	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
3,3´-Dichlorobenzidine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
3+4-Methylphenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
3-Nitroaniline	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4,6-Dinitro-2-methylphenol	U	59.5	600	*	µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Bromophenyl phenyl ether	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Chloro-3-methylphenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Chloroaniline	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Chlorophenyl phenyl ether	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Nitroaniline	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
4-Nitrophenol	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Acenaphthene	190	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Acenaphthylene	130	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Aniline	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Anthracene	620	29.8	300	m	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Atrazine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Azobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzaldehyde	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzidine	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzo(a)anthracene	3200	29.8	300	m	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzo(a)pyrene	2900	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzo(b)fluoranthene	2900	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzo(g,h,i)perylene	2100	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzo(k)fluoranthene	2600	29.8	300	m	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzoic acid	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Benzyl alcohol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Biphenyl	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Bis(2-chloroethoxy)methane	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Bis(2-chloroethyl)ether	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Bis(2-chloroisopropyl)ether	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Bis(2-ethylhexyl)phthalate	3200	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Butyl benzyl phthalate	270	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Caprolactam	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Carbazole	240	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Chrysene	3200	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Dibenzo(a,h)anthracene	550	29.8	300	m	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Dibenzofuran	84	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Diethyl phthalate	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Dimethyl phthalate	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Di-n-butyl phthalate	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Di-n-octyl phthalate	89	29.8	300	Jm	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Fluoranthene	4700	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Fluorene	160	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Hexachlorobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Hexachlorobutadiene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-2 (2-4ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 10:23:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-002B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	59.5	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Hexachloroethane	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Indeno(1,2,3-c,d)pyrene	2300	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Isophorone	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Naphthalene	45	29.8	300	J	µg/Kg-dry	1	1/23/2014 10:49:00 PM
Nitrobenzene	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
N-Nitrosodimethylamine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
N-Nitrosodi-n-propylamine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
N-Nitrosodiphenylamine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Parathion	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Pentachlorophenol	U	59.5	600		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Phenanthrene	2300	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Phenol	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Pyrene	5300	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Pyridine	U	29.8	300		µg/Kg-dry	1	1/23/2014 10:49:00 PM
Surr: 2,4,6-Tribromophenol	81.3	0	11-135		%REC	1	1/23/2014 10:49:00 PM
Surr: 2-Fluorobiphenyl	73.7	0	21-143		%REC	1	1/23/2014 10:49:00 PM
Surr: 2-Fluorophenol	85.8	0	14-122		%REC	1	1/23/2014 10:49:00 PM
Surr: 4-Terphenyl-d14	81.7	0	15-137		%REC	1	1/23/2014 10:49:00 PM
Surr: Nitrobenzene-d5	71.2	0	17-136		%REC	1	1/23/2014 10:49:00 PM
Surr: Phenol-d6	102	0	10-116		%REC	1	1/23/2014 10:49:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1,1-Trichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1,2,2-Tetrachloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1,2-Trichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1-Dichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,1-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2,3-Trichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2,3-Trichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2,4,5-Tetramethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2,4-Trichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2,4-Trimethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2-Dibromo-3-chloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2-Dibromoethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2-Dichloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,2-Dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,3,5-Trimethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,3-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,3-dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,4-Dichlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
1,4-Dioxane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2,2-Dichloropropane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2-Butanone	U	5.71	11		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2-Chloroethyl vinyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2-Chlorotoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2-Hexanone	U	5.71	11		µg/Kg-dry	1	1/20/2014 7:24:00 PM
2-Propanol	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
4-Chlorotoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
4-Isopropyltoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
4-Methyl-2-pentanone	U	5.71	11		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Acetone	3.7	1.43	11	BJ*	µg/Kg-dry	1	1/20/2014 7:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Bromobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Bromochloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Bromodichloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Bromoform	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Bromomethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Carbon disulfide	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Carbon tetrachloride	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Chlorobenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Chlorodifluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Chloroethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Chloroform	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Chloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
cis-1,2-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
cis-1,3-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Cyclohexane	U	2.28	5.7	*	µg/Kg-dry	1	1/20/2014 7:24:00 PM
Dibromochloromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Dibromomethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Dichlorodifluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Diisopropyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Ethanol	U	11.4	23	*	µg/Kg-dry	1	1/20/2014 7:24:00 PM
Ethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Freon-114	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Hexachlorobutadiene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Isopropylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
m,p-Xylene	U	2.28	11		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Methyl Acetate	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Methyl tert-butyl ether	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Methylene chloride	5.5	1.14	5.7	BJ*	µg/Kg-dry	1	1/20/2014 7:24:00 PM
Naphthalene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
n-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
n-Propylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
o-Xylene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
p-Ethyltoluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
sec-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Styrene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
t-Butyl alcohol	U	2.85	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
tert-Butylbenzene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Tetrachloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Toluene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
trans-1,2-Dichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
trans-1,3-Dichloropropene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Trichloroethene	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Trichlorofluoromethane	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Vinyl acetate	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Vinyl chloride	U	1.14	5.7		µg/Kg-dry	1	1/20/2014 7:24:00 PM
Surr: 4-Bromofluorobenzene	100	0	56-133		%REC	1	1/20/2014 7:24:00 PM
Surr: Dibromofluoromethane	98.0	0	60-132		%REC	1	1/20/2014 7:24:00 PM
Surr: Toluene-d8	98.2	0	69-125		%REC	1	1/20/2014 7:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.452	0.009	0.0135	B	mg/Kg-dry	1	1/23/2014 3:10:14 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1221	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1232	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1242	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1248	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1254	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1260	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1262	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Aroclor 1268	U	11.1	22		µg/Kg-dry	1	1/24/2014 6:52:00 AM
Surr: DCB	50.1	0	12-144		%REC	1	1/24/2014 6:52:00 AM
Surr: TCX	49.5	0	13-145		%REC	1	1/24/2014 6:52:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
4,4´-DDE	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
4,4´-DDT	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Aldrin	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
alpha-BHC	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
beta-BHC	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Chlordane	U	11.1	22		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Chlorobenzilate	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
DBCP	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
delta-BHC	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Dieldrin	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endosulfan I	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endosulfan II	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endosulfan sulfate	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endrin	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endrin aldehyde	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Endrin ketone	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
gamma-BHC	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Heptachlor epoxide	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Hexachlorobenzene	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Hexachlorocyclopentadiene	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Methoxychlor	U	1.11	2.8		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Toxaphene	U	13.9	28		µg/Kg-dry	1	1/24/2014 2:19:00 PM
Surr: DCB	57.3	0	16-148		%REC	1	1/24/2014 2:19:00 PM
Surr: TCX	47.9	0	19-145		%REC	1	1/24/2014 2:19:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	12	1	1.0		wt%	1	1/20/2014 4:29:04 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	5730	1.10	4.41		mg/Kg-dry	10	1/23/2014 1:26:06 PM
Antimony	U	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Arsenic	2.36	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Barium	56.7	0.22	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Beryllium	U	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Cadmium	U	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Calcium	3650	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Chromium	16.6	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Cobalt	U	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Copper	22.8	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Iron	7890	2.20	4.41		mg/Kg-dry	10	1/23/2014 1:26:06 PM
Lead	88.6	0.22	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Magnesium	1420	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Manganese	139	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Nickel	48.7	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Potassium	624	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Selenium	U	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Silver	0.131	0.11	0.441	J	mg/Kg-dry	1	1/23/2014 12:34:24 PM
Sodium	84.7	0.22	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Thallium	U	0.33	0.551		mg/Kg-dry	1	1/23/2014 12:34:24 PM
Vanadium	13.5	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	114	0.11	0.441		mg/Kg-dry	1	1/23/2014 12:34:24 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
1,2-Dichlorobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
1,3-Dichlorobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
1,4-Dichlorobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,3,4,6-Tetrachlorophenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4,5-Trichlorophenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4,6-Trichlorophenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4-Dichlorophenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4-Dimethylphenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4-Dinitrophenol	U	55.5	560	*	µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,4-Dinitrotoluene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2,6-Dinitrotoluene	U	55.5	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Chloronaphthalene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Chlorophenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Methylnaphthalene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Methylphenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Nitroaniline	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
2-Nitrophenol	U	55.5	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
3,3´-Dichlorobenzidine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
3+4-Methylphenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
3-Nitroaniline	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4,6-Dinitro-2-methylphenol	U	55.5	560	*	µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Bromophenyl phenyl ether	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Chloro-3-methylphenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Chloroaniline	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Chlorophenyl phenyl ether	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Nitroaniline	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
4-Nitrophenol	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Acenaphthene	90	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Acenaphthylene	58	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Aniline	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Anthracene	200	27.8	280	Jm	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Atrazine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Azobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzaldehyde	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzidine	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzo(a)anthracene	730	27.8	280	m	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzo(a)pyrene	750	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzo(b)fluoranthene	640	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzo(g,h,i)perylene	520	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzo(k)fluoranthene	630	27.8	280	m	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzoic acid	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Benzyl alcohol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Biphenyl	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Bis(2-chloroethoxy)methane	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Bis(2-chloroethyl)ether	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Bis(2-chloroisopropyl)ether	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Bis(2-ethylhexyl)phthalate	38	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Butyl benzyl phthalate	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Caprolactam	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Carbazole	88	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Chrysene	840	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Dibenzo(a,h)anthracene	110	27.8	280	Jm	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Dibenzofuran	45	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Diethyl phthalate	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Dimethyl phthalate	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Di-n-butyl phthalate	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Di-n-octyl phthalate	130	27.8	280	Jm	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Fluoranthene	1400	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Fluorene	78	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Hexachlorobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Hexachlorobutadiene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-3 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:00:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-003B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	55.5	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Hexachloroethane	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Indeno(1,2,3-c,d)pyrene	530	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Isophorone	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Naphthalene	28	27.8	280	J	µg/Kg-dry	1	1/23/2014 9:36:00 PM
Nitrobenzene	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
N-Nitrosodimethylamine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
N-Nitrosodi-n-propylamine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
N-Nitrosodiphenylamine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Parathion	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Pentachlorophenol	U	55.5	560		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Phenanthrene	990	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Phenol	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Pyrene	1700	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Pyridine	U	27.8	280		µg/Kg-dry	1	1/23/2014 9:36:00 PM
Surr: 2,4,6-Tribromophenol	93.4	0	11-135		%REC	1	1/23/2014 9:36:00 PM
Surr: 2-Fluorobiphenyl	88.6	0	21-143		%REC	1	1/23/2014 9:36:00 PM
Surr: 2-Fluorophenol	98.3	0	14-122		%REC	1	1/23/2014 9:36:00 PM
Surr: 4-Terphenyl-d14	101	0	15-137		%REC	1	1/23/2014 9:36:00 PM
Surr: Nitrobenzene-d5	85.8	0	17-136		%REC	1	1/23/2014 9:36:00 PM
Surr: Phenol-d6	112	0	10-116		%REC	1	1/23/2014 9:36:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1,1-Trichloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1,2,2-Tetrachloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1,2-Trichloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1-Dichloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1-Dichloroethene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,1-Dichloropropene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2,3-Trichlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2,3-Trichloropropane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2,4,5-Tetramethylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2,4-Trichlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2,4-Trimethylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2-Dibromo-3-chloropropane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2-Dibromoethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2-Dichlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2-Dichloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,2-Dichloropropane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,3,5-Trimethylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,3-Dichlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,3-dichloropropane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,4-Dichlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
1,4-Dioxane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2,2-Dichloropropane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2-Butanone	U	5.98	12		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2-Chloroethyl vinyl ether	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2-Chlorotoluene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2-Hexanone	U	5.98	12		µg/Kg-dry	1	1/21/2014 10:50:00 AM
2-Propanol	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
4-Chlorotoluene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
4-Isopropyltoluene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
4-Methyl-2-pentanone	U	5.98	12		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Acetone	4.0	1.49	12	BJ*	µg/Kg-dry	1	1/21/2014 10:50:00 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Bromobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Bromochloromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Bromodichloromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Bromoform	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Bromomethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Carbon disulfide	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Carbon tetrachloride	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Chlorobenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Chlorodifluoromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Chloroethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Chloroform	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Chloromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
cis-1,2-Dichloroethene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
cis-1,3-Dichloropropene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Cyclohexane	U	2.39	6.0	*	µg/Kg-dry	1	1/21/2014 10:50:00 AM
Dibromochloromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Dibromomethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Dichlorodifluoromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Diisopropyl ether	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Ethanol	U	12	24	*	µg/Kg-dry	1	1/21/2014 10:50:00 AM
Ethylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Freon-114	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Hexachlorobutadiene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Isopropylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
m,p-Xylene	U	2.39	12		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Methyl Acetate	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Methyl tert-butyl ether	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Methylene chloride	5.7	1.2	6.0	BJ*	µg/Kg-dry	1	1/21/2014 10:50:00 AM
Naphthalene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
n-Butylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
n-Propylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
o-Xylene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
p-Ethyltoluene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
sec-Butylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Styrene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
t-Butyl alcohol	U	2.99	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
tert-Butylbenzene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Tetrachloroethene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Toluene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
trans-1,2-Dichloroethene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
trans-1,3-Dichloropropene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Trichloroethene	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Trichlorofluoromethane	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Vinyl acetate	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Vinyl chloride	U	1.2	6.0		µg/Kg-dry	1	1/21/2014 10:50:00 AM
Surr: 4-Bromofluorobenzene	98.0	0	56-133		%REC	1	1/21/2014 10:50:00 AM
Surr: Dibromofluoromethane	94.6	0	60-132		%REC	1	1/21/2014 10:50:00 AM
Surr: Toluene-d8	98.0	0	69-125		%REC	1	1/21/2014 10:50:00 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0179	0.008	0.0127	B	mg/Kg-dry	1	1/23/2014 3:12:24 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1221	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1232	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1242	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1248	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1254	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1260	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1262	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Aroclor 1268	U	11.7	23		µg/Kg-dry	1	1/24/2014 7:16:00 AM
Surr: DCB	52.4	0	12-144		%REC	1	1/24/2014 7:16:00 AM
Surr: TCX	52.7	0	13-145		%REC	1	1/24/2014 7:16:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
4,4´-DDE	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
4,4´-DDT	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Aldrin	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
alpha-BHC	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
beta-BHC	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Chlordane	U	11.7	23		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Chlorobenzilate	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
DBCP	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
delta-BHC	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Dieldrin	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endosulfan I	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endosulfan II	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endosulfan sulfate	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endrin	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endrin aldehyde	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Endrin ketone	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
gamma-BHC	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Heptachlor epoxide	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Hexachlorobenzene	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Hexachlorocyclopentadiene	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Methoxychlor	U	1.17	2.9		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Toxaphene	U	14.7	29		µg/Kg-dry	1	1/24/2014 2:33:00 PM
Surr: DCB	58.1	0	16-148		%REC	1	1/24/2014 2:33:00 PM
Surr: TCX	53.5	0	19-145		%REC	1	1/24/2014 2:33:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	17	1	1.0		wt%	1	1/20/2014 4:29:04 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	8850	1.17	4.70		mg/Kg-dry	10	1/23/2014 1:28:07 PM
Antimony	U	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Arsenic	1.88	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Barium	24.3	0.23	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Beryllium	U	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Cadmium	U	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Calcium	873	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Chromium	14.1	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Cobalt	U	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Copper	6.96	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Iron	11200	2.35	4.70		mg/Kg-dry	10	1/23/2014 1:28:07 PM
Lead	6.45	0.23	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Magnesium	1410	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Manganese	62.6	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Nickel	10.1	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Potassium	500	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Selenium	U	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Silver	U	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Sodium	35.8	0.23	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Thallium	U	0.35	0.587		mg/Kg-dry	1	1/23/2014 12:36:25 PM
Vanadium	19.2	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	26.2	0.12	0.470		mg/Kg-dry	1	1/23/2014 12:36:25 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
1,2-Dichlorobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
1,3-Dichlorobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
1,4-Dichlorobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,3,4,6-Tetrachlorophenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4,5-Trichlorophenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4,6-Trichlorophenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4-Dichlorophenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4-Dimethylphenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4-Dinitrophenol	U	58.7	590	*	µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,4-Dinitrotoluene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2,6-Dinitrotoluene	U	58.7	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Chloronaphthalene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Chlorophenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Methylnaphthalene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Methylphenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Nitroaniline	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
2-Nitrophenol	U	58.7	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
3,3´-Dichlorobenzidine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
3+4-Methylphenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
3-Nitroaniline	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4,6-Dinitro-2-methylphenol	U	58.7	590	*	µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Bromophenyl phenyl ether	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Chloro-3-methylphenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Chloroaniline	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Chlorophenyl phenyl ether	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Nitroaniline	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
4-Nitrophenol	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Acenaphthene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Acenaphthylene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Aniline	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Anthracene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Atrazine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Azobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzaldehyde	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzidine	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzo(a)anthracene	U	29.3	290	m	µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzo(a)pyrene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzo(b)fluoranthene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzo(g,h,i)perylene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzo(k)fluoranthene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzoic acid	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Benzyl alcohol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Biphenyl	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Bis(2-chloroethoxy)methane	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Bis(2-chloroethyl)ether	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Bis(2-chloroisopropyl)ether	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Bis(2-ethylhexyl)phthalate	49	29.3	290	J	µg/Kg-dry	1	1/23/2014 10:00:00 PM
Butyl benzyl phthalate	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Caprolactam	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Carbazole	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Chrysene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Dibenzo(a,h)anthracene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Dibenzofuran	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Diethyl phthalate	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Dimethyl phthalate	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Di-n-butyl phthalate	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Di-n-octyl phthalate	150	29.3	290	Jm	µg/Kg-dry	1	1/23/2014 10:00:00 PM
Fluoranthene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Fluorene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Hexachlorobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Hexachlorobutadiene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-4 (6-8ft)
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:15:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-004B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	58.7	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Hexachloroethane	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Indeno(1,2,3-c,d)pyrene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Isophorone	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Naphthalene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Nitrobenzene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
N-Nitrosodimethylamine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
N-Nitrosodi-n-propylamine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
N-Nitrosodiphenylamine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Parathion	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Pentachlorophenol	U	58.7	590		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Phenanthrene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Phenol	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Pyrene	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Pyridine	U	29.3	290		µg/Kg-dry	1	1/23/2014 10:00:00 PM
Surr: 2,4,6-Tribromophenol	96.0	0	11-135		%REC	1	1/23/2014 10:00:00 PM
Surr: 2-Fluorobiphenyl	91.3	0	21-143		%REC	1	1/23/2014 10:00:00 PM
Surr: 2-Fluorophenol	108	0	14-122		%REC	1	1/23/2014 10:00:00 PM
Surr: 4-Terphenyl-d14	106	0	15-137		%REC	1	1/23/2014 10:00:00 PM
Surr: Nitrobenzene-d5	87.9	0	17-136		%REC	1	1/23/2014 10:00:00 PM
Surr: Phenol-d6	121	0	10-116	S	%REC	1	1/23/2014 10:00:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1,1-Trichloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1,2,2-Tetrachloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1,2-Trichloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1-Dichloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1-Dichloroethene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,1-Dichloropropene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2,3-Trichlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2,3-Trichloropropane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2,4,5-Tetramethylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2,4-Trichlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2,4-Trimethylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2-Dibromo-3-chloropropane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2-Dibromoethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2-Dichlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2-Dichloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,2-Dichloropropane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,3,5-Trimethylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,3-Dichlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,3-dichloropropane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,4-Dichlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
1,4-Dioxane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2,2-Dichloropropane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2-Butanone	U	6.06	12		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2-Chloroethyl vinyl ether	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2-Chlorotoluene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2-Hexanone	U	6.06	12		µg/Kg-dry	1	1/20/2014 8:19:00 PM
2-Propanol	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
4-Chlorotoluene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
4-Isopropyltoluene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
4-Methyl-2-pentanone	U	6.06	12		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Acetone	3.6	1.52	12	BJ*m	µg/Kg-dry	1	1/20/2014 8:19:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
Benzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Bromobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Bromochloromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Bromodichloromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Bromoform	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Bromomethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Carbon disulfide	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Carbon tetrachloride	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Chlorobenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Chlorodifluoromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Chloroethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Chloroform	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Chloromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
cis-1,2-Dichloroethene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
cis-1,3-Dichloropropene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Cyclohexane	U	2.42	6.1	*	µg/Kg-dry	1	1/20/2014 8:19:00 PM
Dibromochloromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Dibromomethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Dichlorodifluoromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Diisopropyl ether	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Ethanol	U	12.1	24	*	µg/Kg-dry	1	1/20/2014 8:19:00 PM
Ethylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Freon-114	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Hexachlorobutadiene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Isopropylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
m,p-Xylene	U	2.42	12		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Methyl Acetate	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Methyl tert-butyl ether	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Methylene chloride	5.6	1.21	6.1	BJ*	µg/Kg-dry	1	1/20/2014 8:19:00 PM
Naphthalene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
n-Butylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
n-Propylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
o-Xylene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**		**SW5035A**		Analyst: **LA**
p-Diethylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
p-Ethyltoluene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
sec-Butylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Styrene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
t-Butyl alcohol	U	3.03	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
tert-Butylbenzene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Tetrachloroethene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Toluene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
trans-1,2-Dichloroethene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
trans-1,3-Dichloropropene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Trichloroethene	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Trichlorofluoromethane	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Vinyl acetate	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Vinyl chloride	U	1.21	6.1		µg/Kg-dry	1	1/20/2014 8:19:00 PM
Surr: 4-Bromofluorobenzene	99.7	0	56-133		%REC	1	1/20/2014 8:19:00 PM
Surr: Dibromofluoromethane	97.2	0	60-132		%REC	1	1/20/2014 8:19:00 PM
Surr: Toluene-d8	99.2	0	69-125		%REC	1	1/20/2014 8:19:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY			**SW7471B**		**SW7471B**		Analyst: **JP**
Mercury	0.0240	0.009	0.0140	B	mg/Kg-dry	1	1/23/2014 3:14:34 PM
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3546**		Analyst: **SB**
Aroclor 1016	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1221	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1232	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1242	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1248	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1254	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1260	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1262	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Aroclor 1268	U	11.8	24		µg/Kg-dry	1	1/24/2014 7:41:00 AM
Surr: DCB	48.6	0	12-144		%REC	1	1/24/2014 7:41:00 AM
Surr: TCX	47.0	0	13-145		%REC	1	1/24/2014 7:41:00 AM
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
4,4´-DDD	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
4,4´-DDE	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
4,4´-DDT	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Aldrin	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
alpha-BHC	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
beta-BHC	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Chlordane	U	11.8	24		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Chlorobenzilate	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
DBCP	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
delta-BHC	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Dieldrin	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endosulfan I	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endosulfan II	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endosulfan sulfate	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endrin	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endrin aldehyde	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Endrin ketone	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
gamma-BHC	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3546**		Analyst: **SB**
Heptachlor	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Heptachlor epoxide	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Hexachlorobenzene	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Hexachlorocyclopentadiene	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Methoxychlor	U	1.18	3.0		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Toxaphene	U	14.8	30		µg/Kg-dry	1	1/24/2014 2:47:00 PM
Surr: DCB	46.9	0	16-148		%REC	1	1/24/2014 2:47:00 PM
Surr: TCX	51.0	0	19-145		%REC	1	1/24/2014 2:47:00 PM
PERCENT MOISTURE			**D2216**				Analyst: **CF**
Percent Moisture	19	1	1.0		wt%	1	1/20/2014 4:29:04 PM
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Aluminum	9120	1.19	4.75		mg/Kg-dry	10	1/23/2014 1:30:09 PM
Antimony	U	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Arsenic	2.01	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Barium	29.9	0.24	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Beryllium	U	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Cadmium	U	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Calcium	957	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Chromium	14.0	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Cobalt	U	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Copper	8.19	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Iron	11900	2.37	4.75		mg/Kg-dry	10	1/23/2014 1:30:09 PM
Lead	6.86	0.24	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Magnesium	1520	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Manganese	80.1	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Nickel	10.6	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Potassium	487	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Selenium	U	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Silver	0.325	0.12	0.475	J	mg/Kg-dry	1	1/23/2014 12:38:27 PM
Sodium	39.4	0.24	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Thallium	U	0.36	0.593		mg/Kg-dry	1	1/23/2014 12:38:27 PM
Vanadium	23.6	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
TOTAL METALS			**SW6010C**		**SW3050B**		Analyst: **JP**
Zinc	35.3	0.12	0.475		mg/Kg-dry	1	1/23/2014 12:38:27 PM
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
1,2,4-Trichlorobenzene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
1,2-Dichlorobenzene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
1,3-Dichlorobenzene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
1,4-Dichlorobenzene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,3,4,6-Tetrachlorophenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4,5-Trichlorophenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4,6-Trichlorophenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4-Dichlorophenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4-Dimethylphenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4-Dinitrophenol	U	59.1	590	*	µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,4-Dinitrotoluene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2,6-Dinitrotoluene	U	59.1	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Chloronaphthalene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Chlorophenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Methylnaphthalene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Methylphenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Nitroaniline	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
2-Nitrophenol	U	59.1	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
3,3´-Dichlorobenzidine	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
3+4-Methylphenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
3-Nitroaniline	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4,6-Dinitro-2-methylphenol	U	59.1	590	*	µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Bromophenyl phenyl ether	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Chloro-3-methylphenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Chloroaniline	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Chlorophenyl phenyl ether	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Nitroaniline	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
4-Nitrophenol	U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Acenaphthene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Acenaphthylene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3546**		Analyst: **MH**
Acetophenone		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Aniline		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Anthracene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Atrazine		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Azobenzene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzaldehyde		U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzidine		U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzo(a)anthracene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzo(a)pyrene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzo(b)fluoranthene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzo(g,h,i)perylene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzo(k)fluoranthene		U	29.5	300	m	µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzoic acid		U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Benzyl alcohol		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Biphenyl		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Bis(2-chloroethoxy)methane		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Bis(2-chloroethyl)ether		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Bis(2-chloroisopropyl)ether		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Bis(2-ethylhexyl)phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Butyl benzyl phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Caprolactam		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Carbazole		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Chrysene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Dibenzo(a,h)anthracene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Dibenzofuran		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Diethyl phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Dimethyl phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Di-n-butyl phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Di-n-octyl phthalate		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Fluoranthene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Fluorene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Hexachlorobenzene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Hexachlorobutadiene		U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	SB-X
Lab Order:	1401081	**Collection Date:**	1/16/2014 12:17:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	SOIL
Lab ID:	1401081-005B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3546**		Analyst: **MH**
Hexachlorocyclopentadiene	U	59.1	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Hexachloroethane	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Indeno(1,2,3-c,d)pyrene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Isophorone	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Naphthalene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Nitrobenzene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
N-Nitrosodimethylamine	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
N-Nitrosodi-n-propylamine	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
N-Nitrosodiphenylamine	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Parathion	U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Pentachlorophenol	U	59.1	590		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Phenanthrene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Phenol	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Pyrene	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Pyridine	U	29.5	300		µg/Kg-dry	1	1/23/2014 10:24:00 PM
Surr: 2,4,6-Tribromophenol	112	0	11-135		%REC	1	1/23/2014 10:24:00 PM
Surr: 2-Fluorobiphenyl	86.1	0	21-143		%REC	1	1/23/2014 10:24:00 PM
Surr: 2-Fluorophenol	96.6	0	14-122		%REC	1	1/23/2014 10:24:00 PM
Surr: 4-Terphenyl-d14	114	0	15-137		%REC	1	1/23/2014 10:24:00 PM
Surr: Nitrobenzene-d5	79.4	0	17-136		%REC	1	1/23/2014 10:24:00 PM
Surr: Phenol-d6	118	0	10-116	S	%REC	1	1/23/2014 10:24:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	1/21/2014 3:23:00 PM
2-Chloroethyl vinyl ether	U	1	4.0	*	µg/L	1	1/21/2014 3:23:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	1/21/2014 3:23:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	1/21/2014 3:23:00 PM
Acetone	3.0	1.25	5.0	BJ*	µg/L	1	1/21/2014 3:23:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Bromoform	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Bromomethane	U	1	4.0		µg/L	1	1/21/2014 3:23:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Chloroform	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Chloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Cyclohexane	U	0.5	2.0	*	µg/L	1	1/21/2014 3:23:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Dichlorodifluoromethane	U	0.5	2.0	*	µg/L	1	1/21/2014 3:23:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Ethanol	U	2.5	10		µg/L	1	1/21/2014 3:23:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Freon-114	U	0.5	2.0	*	µg/L	1	1/21/2014 3:23:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	1/21/2014 3:23:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Methylene chloride	4.8	0.5	2.0	B*	µg/L	1	1/21/2014 3:23:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 3:23:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 3:23:00 PM
Styrene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	1/21/2014 3:23:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Toluene	0.67	0.5	2.0	J	µg/L	1	1/21/2014 3:23:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Vinyl acetate	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	1/21/2014 3:23:00 PM
Surr: 4-Bromofluorobenzene	101	0	70-128		%REC	1	1/21/2014 3:23:00 PM
Surr: Dibromofluoromethane	84.3	0	75-129		%REC	1	1/21/2014 3:23:00 PM
Surr: Toluene-d8	96.4	0	70-124		%REC	1	1/21/2014 3:23:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
1,2-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
1,3-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
1,4-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,3,4,6-Tetrachlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,4,5-Trichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,4,6-Trichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,4-Dichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,4-Dimethylphenol	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
2,4-Dinitrophenol	U		1.09	11	*	µg/L	1	1/24/2014 8:53:00 PM
2,4-Dinitrotoluene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2,6-Dinitrotoluene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Chloronaphthalene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Chlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Methylnaphthalene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Nitroaniline	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
2-Nitrophenol	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
3,3´-Dichlorobenzidine	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
3+4-Methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
3-Nitroaniline	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
4,6-Dinitro-2-methylphenol	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
4-Bromophenyl phenyl ether	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
4-Chloro-3-methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
4-Chloroaniline	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
4-Chlorophenyl phenyl ether	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
4-Nitroaniline	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
4-Nitrophenol	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Acenaphthene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Acenaphthylene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Acetophenone	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Aniline	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Anthracene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Azobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzaldehyde	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Benzidine	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Benzo(a)anthracene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzo(a)pyrene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzo(b)fluoranthene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzo(g,h,i)perylene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzo(k)fluoranthene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Benzoic acid	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Benzyl alcohol	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Biphenyl	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Bis(2-chloroethoxy)methane	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Bis(2-chloroethyl)ether	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Bis(2-chloroisopropyl)ether	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Bis(2-ethylhexyl)phthalate	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Butyl benzyl phthalate	U		1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Caprolactam	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Carbazole	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Chrysene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Dibenzo(a,h)anthracene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Dibenzofuran	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Diethyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Dimethyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Di-n-butyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Di-n-octyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Fluoranthene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Fluorene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Hexachlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Hexachlorobutadiene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Hexachlorocyclopentadiene	U		1.09	11	*	µg/L	1	1/24/2014 8:53:00 PM
Hexachloroethane	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Indeno(1,2,3-c,d)pyrene	U		0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Naphthalene	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Nitrobenzene	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
N-Nitrosodimethylamine	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
N-Nitrosodi-n-propylamine	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
N-Nitrosodiphenylamine	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Parathion	U	1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Pentachlorophenol	U	1.09	11		µg/L	1	1/24/2014 8:53:00 PM
Phenanthrene	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Phenol	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Pyrene	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Pyridine	U	0.54	5.4		µg/L	1	1/24/2014 8:53:00 PM
Surr: 2,4,6-Tribromophenol	84.7	0	18-134		%REC	1	1/24/2014 8:53:00 PM
Surr: 2-Fluorobiphenyl	79.0	0	22-134		%REC	1	1/24/2014 8:53:00 PM
Surr: 2-Fluorophenol	65.5	0	12-111		%REC	1	1/24/2014 8:53:00 PM
Surr: 4-Terphenyl-d14	87.5	0	20-144		%REC	1	1/24/2014 8:53:00 PM
Surr: Nitrobenzene-d5	77.3	0	21-146		%REC	1	1/24/2014 8:53:00 PM
Surr: Phenol-d6	43.7	0	10-110		%REC	1	1/24/2014 8:53:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
4,4´-DDE	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
4,4´-DDT	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Aldrin	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
alpha-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
beta-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Chlordane	U	0.02	0.22		µg/L	1	1/24/2014 5:16:00 PM
Chlorobenzilate	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
DBCP	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
delta-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Dieldrin	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endosulfan I	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endosulfan II	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endosulfan sulfate	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endrin	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endrin aldehyde	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Endrin ketone	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
gamma-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Heptachlor	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Heptachlor epoxide	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Hexachlorobenzene	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Hexachlorocyclopentadiene	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Methoxychlor	U	0.01	0.054		µg/L	1	1/24/2014 5:16:00 PM
Toxaphene	U	0.07	0.54		µg/L	1	1/24/2014 5:16:00 PM
Surr: DCB	79.4	0	23-146		%REC	1	1/24/2014 5:16:00 PM
Surr: TCX	75.4	0	22-143		%REC	1	1/24/2014 5:16:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1221	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1232	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1242	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1248	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1254	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1260	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1262	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Aroclor 1268	U	0.27	0.54		µg/L	1	1/24/2014 11:31:00 PM
Surr: DCB	73.5	0	15-147		%REC	1	1/24/2014 11:31:00 PM
Surr: TCX	71.7	0	14-144		%REC	1	1/24/2014 11:31:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-1
Lab Order:	1401081	**Collection Date:**	1/17/2014 11:45:00 AM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-006E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	1/23/2014 1:05:23 PM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	0.00997	0.005	0.0200	J	mg/L	1	1/23/2014 10:06:59 AM
Antimony	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Arsenic	U	0.01	0.0250		mg/L	1	1/23/2014 10:06:59 AM
Barium	0.0901	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Beryllium	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Cadmium	U	0.005	0.0100		mg/L	1	1/23/2014 10:06:59 AM
Calcium	138	0.005	0.0250		mg/L	1	1/23/2014 10:06:59 AM
Chromium	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Cobalt	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Copper	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Iron	0.819	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Lead	U	0.005	0.0150		mg/L	1	1/23/2014 10:06:59 AM
Magnesium	30.5	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Manganese	3.10	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Nickel	0.00935	0.005	0.0200	J	mg/L	1	1/23/2014 10:06:59 AM
Potassium	30.2	0.05	0.100		mg/L	1	1/23/2014 10:06:59 AM
Selenium	U	0.01	0.0250		mg/L	1	1/23/2014 10:06:59 AM
Silver	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Sodium	10.3	0.005	0.0300		mg/L	1	1/23/2014 10:06:59 AM
Thallium	U	0.01	0.0150		mg/L	1	1/23/2014 10:06:59 AM
Vanadium	U	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM
Zinc	0.0214	0.005	0.0200		mg/L	1	1/23/2014 10:06:59 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	1/21/2014 3:51:00 PM
2-Chloroethyl vinyl ether	U	1	4.0	*	µg/L	1	1/21/2014 3:51:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	1/21/2014 3:51:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	1/21/2014 3:51:00 PM
Acetone	4.0	1.25	5.0	BJ*	µg/L	1	1/21/2014 3:51:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Bromoform	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Bromomethane	U	1	4.0		µg/L	1	1/21/2014 3:51:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Chloroform	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Chloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Cyclohexane	U	0.5	2.0	*	µg/L	1	1/21/2014 3:51:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Dichlorodifluoromethane	U	0.5	2.0	*	µg/L	1	1/21/2014 3:51:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Ethanol	U	2.5	10		µg/L	1	1/21/2014 3:51:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Freon-114	U	0.5	2.0	*	µg/L	1	1/21/2014 3:51:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	1/21/2014 3:51:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Methylene chloride	5.1	0.5	2.0	B*	µg/L	1	1/21/2014 3:51:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 3:51:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 3:51:00 PM
Styrene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	1/21/2014 3:51:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Toluene	1.0	0.5	2.0	Jm	µg/L	1	1/21/2014 3:51:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Vinyl acetate	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	1/21/2014 3:51:00 PM
Surr: 4-Bromofluorobenzene	101	0	70-128		%REC	1	1/21/2014 3:51:00 PM
Surr: Dibromofluoromethane	82.4	0	75-129		%REC	1	1/21/2014 3:51:00 PM
Surr: Toluene-d8	97.8	0	70-124		%REC	1	1/21/2014 3:51:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
1,2-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
1,3-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
1,4-Dichlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,3,4,6-Tetrachlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,4,5-Trichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,4,6-Trichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,4-Dichlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,4-Dimethylphenol	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
2,4-Dinitrophenol	U		1.07	11	*	µg/L	1	1/24/2014 9:18:00 PM
2,4-Dinitrotoluene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2,6-Dinitrotoluene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Chloronaphthalene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Chlorophenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Methylnaphthalene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Nitroaniline	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
2-Nitrophenol	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
3,3´-Dichlorobenzidine	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
3+4-Methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
3-Nitroaniline	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
4,6-Dinitro-2-methylphenol	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
4-Bromophenyl phenyl ether	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
4-Chloro-3-methylphenol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
4-Chloroaniline	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
4-Chlorophenyl phenyl ether	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
4-Nitroaniline	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
4-Nitrophenol	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Acenaphthene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Acenaphthylene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Acetophenone	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Aniline	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Anthracene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Azobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Benzaldehyde	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Benzidine	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Benzo(a)anthracene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Benzo(a)pyrene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Benzo(b)fluoranthene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Benzo(g,h,i)perylene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Benzo(k)fluoranthene	U		0.54	5.4	m	µg/L	1	1/24/2014 9:18:00 PM
Benzoic acid	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Benzyl alcohol	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Biphenyl	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Bis(2-chloroethoxy)methane	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Bis(2-chloroethyl)ether	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Bis(2-chloroisopropyl)ether	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Bis(2-ethylhexyl)phthalate	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Butyl benzyl phthalate	U		1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Caprolactam	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Carbazole	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Chrysene	U		0.54	5.4	m	µg/L	1	1/24/2014 9:18:00 PM
Dibenzo(a,h)anthracene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Dibenzofuran	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Diethyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Dimethyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Di-n-butyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Di-n-octyl phthalate	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Fluoranthene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Fluorene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Hexachlorobenzene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Hexachlorobutadiene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Hexachlorocyclopentadiene	U		1.07	11	*	µg/L	1	1/24/2014 9:18:00 PM
Hexachloroethane	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Indeno(1,2,3-c,d)pyrene	U		0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Naphthalene		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Nitrobenzene		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
N-Nitrosodimethylamine		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
N-Nitrosodi-n-propylamine		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
N-Nitrosodiphenylamine		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Parathion		U	1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Pentachlorophenol		U	1.07	11		µg/L	1	1/24/2014 9:18:00 PM
Phenanthrene		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Phenol		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Pyrene		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Pyridine		U	0.54	5.4		µg/L	1	1/24/2014 9:18:00 PM
Surr: 2,4,6-Tribromophenol	84.1		0	18-134		%REC	1	1/24/2014 9:18:00 PM
Surr: 2-Fluorobiphenyl	80.0		0	22-134		%REC	1	1/24/2014 9:18:00 PM
Surr: 2-Fluorophenol	57.3		0	12-111		%REC	1	1/24/2014 9:18:00 PM
Surr: 4-Terphenyl-d14	85.2		0	20-144		%REC	1	1/24/2014 9:18:00 PM
Surr: Nitrobenzene-d5	78.5		0	21-146		%REC	1	1/24/2014 9:18:00 PM
Surr: Phenol-d6	37.6		0	10-110		%REC	1	1/24/2014 9:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
4,4´-DDE	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
4,4´-DDT	0.012	0.01	0.054	JP	µg/L	1	1/24/2014 5:30:00 PM
Aldrin	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
alpha-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
beta-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Chlordane	U	0.02	0.21		µg/L	1	1/24/2014 5:30:00 PM
Chlorobenzilate	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
DBCP	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
delta-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Dieldrin	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endosulfan I	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endosulfan II	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endosulfan sulfate	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endrin	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endrin aldehyde	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Endrin ketone	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
gamma-BHC	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Heptachlor	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Heptachlor epoxide	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Hexachlorobenzene	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Hexachlorocyclopentadiene	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Methoxychlor	U	0.01	0.054		µg/L	1	1/24/2014 5:30:00 PM
Toxaphene	U	0.06	0.54		µg/L	1	1/24/2014 5:30:00 PM
Surr: DCB	81.7	0	23-146		%REC	1	1/24/2014 5:30:00 PM
Surr: TCX	88.4	0	22-143		%REC	1	1/24/2014 5:30:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1221	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1232	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1242	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1248	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1254	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1260	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1262	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Aroclor 1268	U	0.27	0.54		µg/L	1	1/24/2014 11:56:00 PM
Surr: DCB	70.8	0	15-147		%REC	1	1/24/2014 11:56:00 PM
Surr: TCX	71.5	0	14-144		%REC	1	1/24/2014 11:56:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-2
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-007E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	1/23/2014 1:07:31 PM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	0.00868	0.005	0.0200	J	mg/L	1	1/23/2014 10:09:00 AM
Antimony	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Arsenic	U	0.01	0.0250		mg/L	1	1/23/2014 10:09:00 AM
Barium	0.102	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Beryllium	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Cadmium	U	0.005	0.0100		mg/L	1	1/23/2014 10:09:00 AM
Calcium	111	0.005	0.0250		mg/L	1	1/23/2014 10:09:00 AM
Chromium	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Cobalt	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Copper	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Iron	0.258	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Lead	U	0.005	0.0150		mg/L	1	1/23/2014 10:09:00 AM
Magnesium	14.8	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Manganese	0.851	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Nickel	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Potassium	15.9	0.05	0.100		mg/L	1	1/23/2014 10:09:00 AM
Selenium	U	0.01	0.0250		mg/L	1	1/23/2014 10:09:00 AM
Silver	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Sodium	13.5	0.005	0.0300		mg/L	1	1/23/2014 10:09:00 AM
Thallium	U	0.01	0.0150		mg/L	1	1/23/2014 10:09:00 AM
Vanadium	U	0.005	0.0200		mg/L	1	1/23/2014 10:09:00 AM
Zinc	0.0137	0.005	0.0200	J	mg/L	1	1/23/2014 10:09:00 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
1,1,1,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1,1-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1,2,2-Tetrachloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethan	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1,2-Trichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,1-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2,3-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2,3-Trichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2,4,5-Tetramethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2,4-Trichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2,4-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2-Dibromo-3-chloropropane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2-Dibromoethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2-Dichloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,3,5-Trimethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,3-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,3-dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,4-Dichlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
1,4-Dioxane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
2,2-Dichloropropane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
2-Butanone	U	1.25	5.0		µg/L	1	1/21/2014 4:18:00 PM
2-Chloroethyl vinyl ether	U	1	4.0	*	µg/L	1	1/21/2014 4:18:00 PM
2-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
2-Hexanone	U	1.25	5.0		µg/L	1	1/21/2014 4:18:00 PM
2-Propanol	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
4-Chlorotoluene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
4-Isopropyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
4-Methyl-2-pentanone	U	1.25	5.0		µg/L	1	1/21/2014 4:18:00 PM
Acetone	4.3	1.25	5.0	BJ*	µg/L	1	1/21/2014 4:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
Benzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Bromobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Bromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Bromodichloromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Bromoform	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Bromomethane	U	1	4.0		µg/L	1	1/21/2014 4:18:00 PM
Carbon disulfide	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Carbon tetrachloride	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Chlorobenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Chlorodifluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Chloroethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Chloroform	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Chloromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
cis-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
cis-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Cyclohexane	U	0.5	2.0	*	µg/L	1	1/21/2014 4:18:00 PM
Dibromochloromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Dibromomethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Dichlorodifluoromethane	U	0.5	2.0	*	µg/L	1	1/21/2014 4:18:00 PM
Diisopropyl ether	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Ethanol	U	2.5	10		µg/L	1	1/21/2014 4:18:00 PM
Ethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Freon-114	U	0.5	2.0	*	µg/L	1	1/21/2014 4:18:00 PM
Hexachlorobutadiene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Isopropylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
m,p-Xylene	U	1	4.0		µg/L	1	1/21/2014 4:18:00 PM
Methyl Acetate	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Methyl tert-butyl ether	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Methylene chloride	5.0	0.5	2.0	B*	µg/L	1	1/21/2014 4:18:00 PM
Naphthalene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
n-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
n-Propylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 4:18:00 PM
o-Xylene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008A		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
VOLATILE SW-846 METHOD 8260			**SW8260C**				Analyst: **LA**
p-Diethylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
p-Ethyltoluene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
sec-Butylbenzene	U	0.5	2.0	*	µg/L	1	1/21/2014 4:18:00 PM
Styrene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
t-Butyl alcohol	U	2.5	10		µg/L	1	1/21/2014 4:18:00 PM
tert-Butylbenzene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Tetrachloroethene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Toluene	0.87	0.5	2.0	J	µg/L	1	1/21/2014 4:18:00 PM
trans-1,2-Dichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
trans-1,3-Dichloropropene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Trichloroethene	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Trichlorofluoromethane	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Vinyl acetate	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Vinyl chloride	U	0.5	2.0		µg/L	1	1/21/2014 4:18:00 PM
Surr: 4-Bromofluorobenzene	102	0	70-128		%REC	1	1/21/2014 4:18:00 PM
Surr: Dibromofluoromethane	90.2	0	75-129		%REC	1	1/21/2014 4:18:00 PM
Surr: Toluene-d8	97.9	0	70-124		%REC	1	1/21/2014 4:18:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
1,2,4-Trichlorobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
1,2-Dichlorobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
1,3-Dichlorobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
1,4-Dichlorobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,3,4,6-Tetrachlorophenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,4,5-Trichlorophenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,4,6-Trichlorophenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,4-Dichlorophenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,4-Dimethylphenol	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
2,4-Dinitrophenol	U		1.17	12	*	µg/L	1	1/24/2014 9:42:00 PM
2,4-Dinitrotoluene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2,6-Dinitrotoluene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Chloronaphthalene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Chlorophenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Methylnaphthalene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Methylphenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Nitroaniline	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
2-Nitrophenol	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
3,3´-Dichlorobenzidine	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
3+4-Methylphenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
3-Nitroaniline	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
4,6-Dinitro-2-methylphenol	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
4-Bromophenyl phenyl ether	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
4-Chloro-3-methylphenol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
4-Chloroaniline	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
4-Chlorophenyl phenyl ether	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
4-Nitroaniline	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
4-Nitrophenol	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Acenaphthene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Acenaphthylene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Acetophenone	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Aniline	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Anthracene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008B		

Certificate of Results

Analyses	Sample Result		LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270				**SW8270D**		**SW3510C**		Analyst: **MH**
Atrazine	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Azobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Benzaldehyde	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Benzidine	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Benzo(a)anthracene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Benzo(a)pyrene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Benzo(b)fluoranthene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Benzo(g,h,i)perylene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Benzo(k)fluoranthene	U		0.58	5.8	m	µg/L	1	1/24/2014 9:42:00 PM
Benzoic acid	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Benzyl alcohol	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Biphenyl	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Bis(2-chloroethoxy)methane	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Bis(2-chloroethyl)ether	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Bis(2-chloroisopropyl)ether	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Bis(2-ethylhexyl)phthalate	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Butyl benzyl phthalate	U		1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Caprolactam	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Carbazole	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Chrysene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Dibenzo(a,h)anthracene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Dibenzofuran	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Diethyl phthalate	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Dimethyl phthalate	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Di-n-butyl phthalate	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Di-n-octyl phthalate	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Fluoranthene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Fluorene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Hexachlorobenzene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Hexachlorobutadiene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Hexachlorocyclopentadiene	U		1.17	12	*	µg/L	1	1/24/2014 9:42:00 PM
Hexachloroethane	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Indeno(1,2,3-c,d)pyrene	U		0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008B		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
SEMIVOLATILE SW-846 METHOD 8270			**SW8270D**		**SW3510C**		Analyst: **MH**
Isophorone	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Naphthalene	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Nitrobenzene	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
N-Nitrosodimethylamine	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
N-Nitrosodi-n-propylamine	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
N-Nitrosodiphenylamine	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Parathion	U	1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Pentachlorophenol	U	1.17	12		µg/L	1	1/24/2014 9:42:00 PM
Phenanthrene	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Phenol	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Pyrene	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Pyridine	U	0.58	5.8		µg/L	1	1/24/2014 9:42:00 PM
Surr: 2,4,6-Tribromophenol	85.1	0	18-134		%REC	1	1/24/2014 9:42:00 PM
Surr: 2-Fluorobiphenyl	81.4	0	22-134		%REC	1	1/24/2014 9:42:00 PM
Surr: 2-Fluorophenol	60.6	0	12-111		%REC	1	1/24/2014 9:42:00 PM
Surr: 4-Terphenyl-d14	88.3	0	20-144		%REC	1	1/24/2014 9:42:00 PM
Surr: Nitrobenzene-d5	74.0	0	21-146		%REC	1	1/24/2014 9:42:00 PM
Surr: Phenol-d6	40.6	0	10-110		%REC	1	1/24/2014 9:42:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008C		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PESTICIDES SW-846 METHOD 8081			**SW8081B**		**SW3510C**		Analyst: **SB**
4,4´-DDD	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
4,4´-DDE	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
4,4´-DDT	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Aldrin	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
alpha-BHC	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
beta-BHC	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Chlordane	U	0.02	0.23		µg/L	1	1/24/2014 5:45:00 PM
Chlorobenzilate	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
DBCP	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
delta-BHC	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Dieldrin	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endosulfan I	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endosulfan II	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endosulfan sulfate	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endrin	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endrin aldehyde	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Endrin ketone	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
gamma-BHC	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Heptachlor	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Heptachlor epoxide	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Hexachlorobenzene	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Hexachlorocyclopentadiene	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Methoxychlor	U	0.01	0.058		µg/L	1	1/24/2014 5:45:00 PM
Toxaphene	U	0.07	0.58		µg/L	1	1/24/2014 5:45:00 PM
Surr: DCB	60.3	0	23-146		%REC	1	1/24/2014 5:45:00 PM
Surr: TCX	67.9	0	22-143		%REC	1	1/24/2014 5:45:00 PM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008D		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
PCB'S AS AROCLORS SW-846 METHOD 8082			**SW8082A**		**SW3510C**		Analyst: **SB**
Aroclor 1016	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1221	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1232	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1242	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1248	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1254	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1260	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1262	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Aroclor 1268	U	0.29	0.58		µg/L	1	1/25/2014 12:20:00 AM
Surr: DCB	64.1	0	15-147		%REC	1	1/25/2014 12:20:00 AM
Surr: TCX	63.7	0	14-144		%REC	1	1/25/2014 12:20:00 AM

American Analytical Laboratories, LLC.

Date: *28-Jan-14*

ELAP ID : 11418

CLIENT:	CA Rich Consultants Inc.	**Client Sample ID:**	MW-X
Lab Order:	1401081	**Collection Date:**	1/17/2014 1:50:00 PM
Project:	7 Whipple Street, Brooklyn, NY	**Matrix:**	LIQUID
Lab ID:	1401081-008E		

Certificate of Results

Analyses	Sample Result	LOD	LOQ	Qual	Units	DF	Date/Time Analyzed
MERCURY-DISSOLVED			**E245.1**		**SW3005A**		Analyst: **JP**
Mercury	U	0.0002	0.000250		mg/L	1	1/23/2014 1:09:39 PM
DISSOLVED METALS			**E200.7**		**SW3005A**		Analyst: **JP**
Aluminum	0.00817	0.005	0.0200	J	mg/L	1	1/23/2014 10:11:02 AM
Antimony	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Arsenic	U	0.01	0.0250		mg/L	1	1/23/2014 10:11:02 AM
Barium	0.104	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Beryllium	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Cadmium	U	0.005	0.0100		mg/L	1	1/23/2014 10:11:02 AM
Calcium	111	0.005	0.0250		mg/L	1	1/23/2014 10:11:02 AM
Chromium	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Cobalt	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Copper	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Iron	0.174	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Lead	U	0.005	0.0150		mg/L	1	1/23/2014 10:11:02 AM
Magnesium	14.9	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Manganese	0.862	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Nickel	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Potassium	16.1	0.05	0.100		mg/L	1	1/23/2014 10:11:02 AM
Selenium	U	0.01	0.0250		mg/L	1	1/23/2014 10:11:02 AM
Silver	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Sodium	13.6	0.005	0.0300		mg/L	1	1/23/2014 10:11:02 AM
Thallium	U	0.01	0.0150		mg/L	1	1/23/2014 10:11:02 AM
Vanadium	U	0.005	0.0200		mg/L	1	1/23/2014 10:11:02 AM
Zinc	0.00980	0.005	0.0200	J	mg/L	1	1/23/2014 10:11:02 AM

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_S**

Sample ID **MB-116**	SampType: **MBLK**	TestCode: **8081_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **216**				
Client ID: **PBS**	Batch ID: **116**	TestNo: **SW8081B**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **4055**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	2.5									
4,4´-DDE	U	2.5									
4,4´-DDT	U	2.5									
Aldrin	U	2.5									
alpha-BHC	U	2.5									
beta-BHC	U	2.5									
Chlordane	U	20									
Chlorobenzilate	U	2.5									
DBCP	U	2.5									
delta-BHC	U	2.5									
Dieldrin	U	2.5									
Endosulfan I	U	2.5									
Endosulfan II	U	2.5									
Endosulfan sulfate	U	2.5									
Endrin	U	2.5									
Endrin aldehyde	U	2.5									
Endrin ketone	U	2.5									
gamma-BHC	U	2.5									
Heptachlor	U	2.5									
Heptachlor epoxide	U	2.5									
Hexachlorobenzene	U	2.5									
Hexachlorocyclopentadiene	U	2.5									
Methoxychlor	U	2.5									
Toxaphene	U	25									
Surr: DCB	15		24.98		61.6	16	148				
Surr: TCX	13		24.98		54.0	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_S**

Sample ID	**MB-116**	SampType:	**MBLK**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**216**
Client ID:	**PBS**	Batch ID:	**116**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**4055**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-116**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**216**
Client ID:	**LCSS**	Batch ID:	**116**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**4056**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	8.1	2.5	9.945	0	81.8	23	144				
4,4´-DDE	8.1	2.5	9.945	0	81.6	27	146				
4,4´-DDT	8.3	2.5	9.945	0	83.8	24	148				
Aldrin	8.1	2.5	9.945	0	81.3	28	144				
alpha-BHC	8.8	2.5	9.945	0	88.8	28	142				
beta-BHC	9.8	2.5	9.945	0	98.5	27	147				
delta-BHC	9.9	2.5	9.945	0	99.8	20	138				
Dieldrin	8.5	2.5	9.945	0	85.2	30	141				
Endosulfan I	8.1	2.5	9.945	0	81.6	23	137				
Endosulfan II	8.0	2.5	9.945	0	80.3	20	139				
Endosulfan sulfate	9.4	2.5	9.945	0	94.0	27	146				
Endrin	8.5	2.5	9.945	0	85.4	24	148				
Endrin aldehyde	7.2	2.5	9.945	0	72.0	24	147				
Endrin ketone	8.4	2.5	9.945	0	84.3	21	145				
gamma-BHC	7.4	2.5	9.945	0	74.8	21	149				
Heptachlor	8.2	2.5	9.945	0	82.3	20	149				
Heptachlor epoxide	9.0	2.5	9.945	0	90.9	21	149				
Methoxychlor	8.3	2.5	9.945	0	83.9	29	147				
Surr: DCB	19		24.86		78.3	16	148				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_S**

Sample ID	**LCS-116**	SampType:	**LCS**	TestCode:	**8081_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**216**
Client ID:	**LCSS**	Batch ID:	**116**	TestNo:	**SW8081B**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**4056**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	17		24.86		68.9	19	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_W**

Sample ID	**MB-112**	SampType:	**MBLK**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**226**
Client ID:	**PBW**	Batch ID:	**112**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	0.050									
4,4´-DDE	U	0.050									
4,4´-DDT	U	0.050									
Aldrin	U	0.050									
alpha-BHC	U	0.050									
beta-BHC	U	0.050									
Chlordane	U	0.20									
Chlorobenzilate	U	0.050									
DBCP	U	0.050									
delta-BHC	U	0.050									
Dieldrin	U	0.050									
Endosulfan I	U	0.050									
Endosulfan II	U	0.050									
Endosulfan sulfate	U	0.050									
Endrin	U	0.050									
Endrin aldehyde	U	0.050									
Endrin ketone	U	0.050									
gamma-BHC	U	0.050									
Heptachlor	U	0.050									
Heptachlor epoxide	U	0.050									
Hexachlorobenzene	U	0.050									
Hexachlorocyclopentadiene	U	0.050									
Methoxychlor	U	0.050									
Toxaphene	U	0.50									
Surr: DCB	0.36		0.5000		71.3	23	146				
Surr: TCX	0.40		0.5000		79.9	22	143				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_W**

Sample ID	**MB-112**	SampType:	**MBLK**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**226**
Client ID:	**PBW**	Batch ID:	**112**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4206**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	**LCS-112**	SampType:	**LCS**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**226**
Client ID:	**LCSW**	Batch ID:	**112**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	0.16	0.050	0.2000	0	80.9	26	132				
4,4´-DDE	0.16	0.050	0.2000	0	81.6	20	127				
4,4´-DDT	0.17	0.050	0.2000	0	82.8	24	140				
Aldrin	0.17	0.050	0.2000	0	85.5	23	136				
alpha-BHC	0.19	0.050	0.2000	0	95.5	24	141				
beta-BHC	0.19	0.050	0.2000	0	95.7	25	148				
delta-BHC	0.18	0.050	0.2000	0	90.1	22	147				
Dieldrin	0.16	0.050	0.2000	0	81.9	28	130				
Endosulfan I	0.17	0.050	0.2000	0	83.4	20	129				
Endosulfan II	0.16	0.050	0.2000	0	78.6	21	125				
Endosulfan sulfate	0.17	0.050	0.2000	0	87.2	25	141				
Endrin	0.17	0.050	0.2000	0	85.0	30	141				
Endrin aldehyde	0.18	0.050	0.2000	0	88.4	20	145				
Endrin ketone	0.17	0.050	0.2000	0	84.0	25	140				
gamma-BHC	0.18	0.050	0.2000	0	88.2	31	137				
Heptachlor	0.18	0.050	0.2000	0	88.9	20	140				
Heptachlor epoxide	0.18	0.050	0.2000	0	87.9	25	125				
Methoxychlor	0.17	0.050	0.2000	0	85.6	30	147				
Surr: DCB	0.37		0.5000		73.4	23	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8081_W**

Sample ID	**LCS-112**	SampType:	**LCS**	TestCode:	**8081_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**226**
Client ID:	**LCSW**	Batch ID:	**112**	TestNo:	**SW8081B**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: TCX	0.38		0.5000		75.8	22	143				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8082_S**

Sample ID **MB-115**	SampType: **MBLK**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **218**
Client ID: **PBS**	Batch ID: **115**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **4072**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	20									
Aroclor 1221	U	20									
Aroclor 1232	U	20									
Aroclor 1242	U	20									
Aroclor 1248	U	20									
Aroclor 1254	U	20									
Aroclor 1260	U	20									
Aroclor 1262	U	20									
Aroclor 1268	U	20									
Surr: DCB	18		24.98		70.2	12	144				
Surr: TCX	13		24.98		51.5	13	145				

Sample ID **LCS-115**	SampType: **LCS**	TestCode: **8082_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **218**
Client ID: **LCSS**	Batch ID: **115**	TestNo: **SW8082A**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **4073**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	190	19	243.7	0	79.6	35	135				
Surr: DCB	21		24.37		84.8	12	144				
Surr: TCX	16		24.37		65.2	13	145				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8082_W**

Sample ID	**MB-111**	SampType:	**MBLK**	TestCode:	**8082_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**227**
Client ID:	**PBW**	Batch ID:	**111**	TestNo:	**SW8082A**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4232**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	U	0.50									
Aroclor 1221	U	0.50									
Aroclor 1232	U	0.50									
Aroclor 1242	U	0.50									
Aroclor 1248	U	0.50									
Aroclor 1254	U	0.50									
Aroclor 1260	U	0.50									
Aroclor 1262	U	0.50									
Aroclor 1268	U	0.50									
Surr: DCB	0.46		0.5000		91.9	15	147				
Surr: TCX	0.40		0.5000		80.1	14	144				

Sample ID	**LCS-111**	SampType:	**LCS**	TestCode:	**8082_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**227**
Client ID:	**LCSW**	Batch ID:	**111**	TestNo:	**SW8082A**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4233**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	3.5	0.50	5.000	0	69.5	40	140				
Surr: DCB	0.36		0.5000		71.5	15	147				
Surr: TCX	0.36		0.5000		72.3	14	144				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**LCS-94**	SampType:	**LCS**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**LCSS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	44	5.0	50.00	0	87.9	40	125				
1,1,2,2-Tetrachloroethane	42	5.0	50.00	0	84.4	35	139				
1,1,2-Trichloroethane	45	5.0	50.00	0	89.5	40	124				
1,1-Dichloroethane	44	5.0	50.00	0	88.3	33	134				
1,1-Dichloroethene	48	5.0	50.00	0	95.5	30	141				
1,2-Dichlorobenzene	42	5.0	50.00	0	84.3	33	126				
1,2-Dichloroethane	42	5.0	50.00	0	83.8	36	131				
1,2-Dichloropropane	45	5.0	50.00	0	90.3	38	131				
1,3-Dichlorobenzene	43	5.0	50.00	0	86.2	31	130				
1,4-Dichlorobenzene	43	5.0	50.00	0	85.4	33	121				
2-Chloroethyl vinyl ether	41	5.0	50.00	0	81.7	36	138				
Benzene	44	5.0	50.00	0	88.4	36	126				
Bromodichloromethane	43	5.0	50.00	0	85.6	38	125				
Bromoform	46	5.0	50.00	0	91.8	36	131				
Bromomethane	25	5.0	50.00	0	50.1	23	135				
Carbon tetrachloride	45	5.0	50.00	0	90.5	37	130				
Chlorobenzene	44	5.0	50.00	0	88.4	41	123				
Chloroethane	74	5.0	50.00	0	149	20	128				S
Chloroform	45	5.0	50.00	0	90.2	39	125				
Chloromethane	65	5.0	50.00	0	130	33	143				
cis-1,3-Dichloropropene	43	5.0	50.00	0	86.8	34	125				
Dibromochloromethane	47	5.0	50.00	0	94.6	36	125				
Ethylbenzene	45	5.0	50.00	0	89.6	42	124				
Methylene chloride	20	5.0	50.00	0	40.2	33	135				B*
Tetrachloroethene	35	5.0	50.00	0	70.4	30	121				
Toluene	45	5.0	50.00	0	89.6	43	121				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**LCS-94**	SampType:	**LCS**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**LCSS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	46	5.0	50.00	0	91.1	32	124				
trans-1,3-Dichloropropene	46	5.0	50.00	0	91.9	33	120				
Trichloroethene	46	5.0	50.00	0	91.2	40	124				
Trichlorofluoromethane	63	5.0	50.00	0	127	35	140				
Vinyl chloride	68	5.0	50.00	0	136	40	146				
Surr: 4-Bromofluorobenzene	52		50.00		103	56	133				
Surr: Dibromofluoromethane	51		50.00		102	60	132				
Surr: Toluene-d8	50		50.00		99.4	69	125				

Sample ID	**MB-94**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**MB-94**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	10									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	10									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	10									
Acetone	5.4	10									J*
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**MB-94**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Cyclohexane	U	5.0									*
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	20									*
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl Acetate	U	5.0									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	4.3	5.0									J*
Naphthalene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**MB-94**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3543**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	50		50.00		101	56	133				
Surr: Dibromofluoromethane	51		50.00		102	60	132				
Surr: Toluene-d8	49		50.00		98.3	69	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**1401081-005AMS**	SampType:	**MS**	TestCode:	**8260_S**	Units:	**µg/Kg-dry**	Prep Date:	**1/20/2014**	RunNo:	**181**
Client ID:	**SB-X**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	53	6.1	61.22	0	86.6	26	108				
1,1,2,2-Tetrachloroethane	39	6.1	61.22	0	62.9	18	109				
1,1,2-Trichloroethane	44	6.1	61.22	0	71.4	21	105				
1,1-Dichloroethane	53	6.1	61.22	0	85.9	28	108				
1,1-Dichloroethene	58	6.1	61.22	0	95.4	24	110				
1,2-Dichlorobenzene	45	6.1	61.22	0	73.9	18	108				
1,2-Dichloroethane	44	6.1	61.22	0	71.2	21	105				
1,2-Dichloropropane	50	6.1	61.22	0	81.8	29	107				
1,3-Dichlorobenzene	48	6.1	61.22	0	78.7	20	115				
1,4-Dichlorobenzene	47	6.1	61.22	0	76.5	21	117				
2-Chloroethyl vinyl ether	26	6.1	61.22	0	43.1	18	113				
Benzene	52	6.1	61.22	0	85.3	30	103				
Bromodichloromethane	47	6.1	61.22	0	76.1	22	106				
Bromoform	42	6.1	61.22	0	68.3	20	113				
Bromomethane	31	6.1	61.22	0	49.9	20	130				
Carbon tetrachloride	54	6.1	61.22	0	88.6	23	111				
Chlorobenzene	51	6.1	61.22	0	83.0	27	117				
Chloroethane	79	6.1	61.22	0	129	30	130				
Chloroform	53	6.1	61.22	0	85.8	24	112				
Chloromethane	75	6.1	61.22	0	122	21	130				
cis-1,3-Dichloropropene	46	6.1	61.22	0	74.6	20	104				
Dibromochloromethane	47	6.1	61.22	0	77.2	22	104				
Ethylbenzene	52	6.1	61.22	0	85.7	30	115				
Methylene chloride	24	6.1	61.22	5.552	29.8	22	104				B*
Tetrachloroethene	42	6.1	61.22	0	68.8	20	103				
Toluene	52	6.1	61.22	0	85.1	20	115				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID **1401081-005AMS** SampType: **MS** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/20/2014** RunNo: **181**

Client ID: **SB-X** Batch ID: **94** TestNo: **SW8260C** **SW5035A** Analysis Date: **1/20/2014** SeqNo: **3548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	54	6.1	61.22	0	88.9	23	107				
trans-1,3-Dichloropropene	46	6.1	61.22	0	75.0	20	105				
Trichloroethene	52	6.1	61.22	0	85.7	22	138				
Trichlorofluoromethane	76	6.1	61.22	0	124	22	131				
Vinyl chloride	76	6.1	61.22	0	124	30	130				
Surr: 4-Bromofluorobenzene	62		61.22		101	56	133				
Surr: Dibromofluoromethane	63		61.22		103	60	132				
Surr: Toluene-d8	62		61.22		101	69	125				

Sample ID **1401081-005AMSD** SampType: **MSD** TestCode: **8260_S** Units: **µg/Kg-dry** Prep Date: **1/20/2014** RunNo: **181**

Client ID: **SB-X** Batch ID: **94** TestNo: **SW8260C** **SW5035A** Analysis Date: **1/20/2014** SeqNo: **3549**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	48	6.1	61.34	0	78.3	26	108	53.03	9.89	20	
1,1,2,2-Tetrachloroethane	38	6.1	61.34	0	61.8	18	109	38.53	1.66	20	
1,1,2-Trichloroethane	41	6.1	61.34	0	67.4	21	105	43.73	5.65	20	
1,1-Dichloroethane	48	6.1	61.34	0	78.8	28	108	52.56	8.40	20	
1,1-Dichloroethene	52	6.1	61.34	0	85.4	24	110	58.40	10.8	20	
1,2-Dichlorobenzene	44	6.1	61.34	0	71.7	18	108	45.26	2.85	20	
1,2-Dichloroethane	40	6.1	61.34	0	65.2	21	105	43.57	8.60	20	
1,2-Dichloropropane	47	6.1	61.34	0	77.4	29	107	50.09	5.33	20	
1,3-Dichlorobenzene	47	6.1	61.34	0	76.1	20	115	48.18	3.19	20	
1,4-Dichlorobenzene	46	6.1	61.34	0	74.6	21	117	46.86	2.31	20	
2-Chloroethyl vinyl ether	24	6.1	61.34	0	39.7	18	113	26.41	8.16	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**1401081-005AMSD**	SampType:	**MSD**	TestCode:	**8260_S**	Units:	**µg/Kg-dry**	Prep Date:	**1/20/2014**	RunNo:	**181**	
Client ID:	**SB-X**	Batch ID:	**94**	TestNo:	**SW8260C**	**SW5035A**		Analysis Date:	**1/20/2014**	SeqNo:	**3549**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	48	6.1	61.34	0	78.3	30	103	52.19	8.34	20	
Bromodichloromethane	44	6.1	61.34	0	72.1	22	106	46.56	5.20	20	
Bromoform	41	6.1	61.34	0	67.0	20	113	41.80	1.72	20	
Bromomethane	34	6.1	61.34	0	55.8	20	130	30.55	11.4	20	
Carbon tetrachloride	49	6.1	61.34	0	79.9	23	111	54.23	10.1	20	
Chlorobenzene	49	6.1	61.34	0	79.3	27	117	50.79	4.31	20	
Chloroethane	72	6.1	61.34	0	118	30	130	78.96	8.64	20	
Chloroform	49	6.1	61.34	0	79.1	24	112	52.55	7.97	20	
Chloromethane	67	6.1	61.34	0	110	21	130	74.83	10.4	20	
cis-1,3-Dichloropropene	43	6.1	61.34	0	70.1	20	104	45.66	5.99	20	
Dibromochloromethane	45	6.1	61.34	0	73.1	22	104	47.27	5.26	20	
Ethylbenzene	50	6.1	61.34	0	81.9	30	115	52.49	4.38	20	
Methylene chloride	22	6.1	61.34	5.552	26.4	22	104	23.76	8.96	20	B*
Tetrachloroethene	39	6.1	61.34	0	63.6	20	103	42.14	7.75	20	
Toluene	49	6.1	61.34	0	80.1	20	115	52.07	5.86	20	
trans-1,2-Dichloroethene	50	6.1	61.34	0	80.8	23	107	54.40	9.28	20	
trans-1,3-Dichloropropene	44	6.1	61.34	0	71.3	20	105	45.91	4.80	20	
Trichloroethene	49	6.1	61.34	0	80.0	22	138	52.46	6.68	20	
Trichlorofluoromethane	69	6.1	61.34	0	113	22	131	76.16	9.71	20	
Vinyl chloride	69	6.1	61.34	0	112	30	130	76.12	10.1	20	
Surr: 4-Bromofluorobenzene	62		61.34		101	56	133		0	0	
Surr: Dibromofluoromethane	59		61.34		96.5	60	132		0	0	
Surr: Toluene-d8	61		61.34		98.7	69	125		0	0	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**LCS-107**	SampType:	**LCS**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/21/2014**	RunNo:	**181**
Client ID:	**LCSS**	Batch ID:	**107a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3550**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	47	5.0	50.00	0	94.7	40	125				
1,1,2,2-Tetrachloroethane	41	5.0	50.00	0	82.0	35	139				
1,1,2-Trichloroethane	45	5.0	50.00	0	90.1	40	124				
1,1-Dichloroethane	47	5.0	50.00	0	94.6	33	134				
1,1-Dichloroethene	52	5.0	50.00	0	105	30	141				
1,2-Dichlorobenzene	45	5.0	50.00	0	90.7	33	126				
1,2-Dichloroethane	43	5.0	50.00	0	85.5	36	131				
1,2-Dichloropropane	47	5.0	50.00	0	93.9	38	131				
1,3-Dichlorobenzene	48	5.0	50.00	0	96.2	31	130				
1,4-Dichlorobenzene	47	5.0	50.00	0	94.3	33	121				
2-Chloroethyl vinyl ether	33	5.0	50.00	0	65.1	36	138				
Benzene	47	5.0	50.00	0	94.9	36	126				
Bromodichloromethane	44	5.0	50.00	0	88.1	38	125				
Bromoform	44	5.0	50.00	0	88.2	36	131				
Bromomethane	34	5.0	50.00	0	67.4	23	135				
Carbon tetrachloride	48	5.0	50.00	0	96.2	37	130				
Chlorobenzene	48	5.0	50.00	0	95.8	41	123				
Chloroethane	56	5.0	50.00	0	112	20	128				
Chloroform	48	5.0	50.00	0	95.8	39	125				
Chloromethane	57	5.0	50.00	0	114	33	143				
cis-1,3-Dichloropropene	45	5.0	50.00	0	90.2	34	125				
Dibromochloromethane	48	5.0	50.00	0	95.7	36	125				
Ethylbenzene	49	5.0	50.00	0	98.5	42	124				
Methylene chloride	21	5.0	50.00	0	42.5	33	135				B*
Tetrachloroethene	39	5.0	50.00	0	78.3	30	121				
Toluene	48	5.0	50.00	0	96.5	43	121				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**LCS-107**	SampType:	**LCS**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/21/2014**	RunNo:	**181**
Client ID:	**LCSS**	Batch ID:	**107a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3550**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	48	5.0	50.00	0	95.5	32	124				
trans-1,3-Dichloropropene	47	5.0	50.00	0	94.9	33	120				
Trichloroethene	48	5.0	50.00	0	97.0	40	124				
Trichlorofluoromethane	55	5.0	50.00	0	109	35	140				
Vinyl chloride	59	5.0	50.00	0	119	40	146				
Surr: 4-Bromofluorobenzene	50		50.00		101	56	133				
Surr: Dibromofluoromethane	50		50.00		101	60	132				
Surr: Toluene-d8	50		50.00		99.9	69	125				

Sample ID	**MB-107**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/21/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**107a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3551**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**MB-107**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/21/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**107a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3551**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	10									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	10									
2-Propanol	U	5.0									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	10									
Acetone	5.7	10									J*
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID **MB-107**	SampType: **MBLK**	TestCode: **8260_S**	Units: **µg/Kg**	Prep Date: **1/21/2014**	RunNo: **181**				
Client ID: **PBS**	Batch ID: **107a**	TestNo: **SW8260C**		Analysis Date: **1/21/2014**	SeqNo: **3551**				

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									
cis-1,3-Dichloropropene	U	5.0									
Cyclohexane	U	5.0									*
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	20									*
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl Acetate	U	5.0									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	4.4	5.0									J*
Naphthalene	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_S**

Sample ID	**MB-107**	SampType:	**MBLK**	TestCode:	**8260_S**	Units:	**µg/Kg**	Prep Date:	**1/21/2014**	RunNo:	**181**
Client ID:	**PBS**	Batch ID:	**107a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3551**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	50		50.00		100	56	133				
Surr: Dibromofluoromethane	48		50.00		96.1	60	132				
Surr: Toluene-d8	49		50.00		97.4	69	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_W**

Sample ID	**LCS-99**	SampType:	**LCS**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:	**1/20/2014**	RunNo:	**182**
Client ID:	**LCSW**	Batch ID:	**99a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3553**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	43	2.0	50.00	0	86.6	35	131				
1,1,2,2-Tetrachloroethane	35	2.0	50.00	0	69.3	33	152				
1,1,2-Trichloroethane	38	2.0	50.00	0	76.3	38	121				
1,1-Dichloroethane	42	2.0	50.00	0	83.7	31	132				
1,1-Dichloroethene	46	2.0	50.00	0	92.0	22	131				
1,2-Dichlorobenzene	38	2.0	50.00	0	76.7	44	123				
1,2-Dichloroethane	35	2.0	50.00	0	70.4	43	127				
1,3-Dichlorobenzene	40	2.0	50.00	0	80.0	45	127				
1,4-Dichlorobenzene	39	2.0	50.00	0	78.4	43	126				
2-Chloroethyl vinyl ether	U	4.0	50.00	0	0	20	133				S*
Benzene	43	2.0	50.00	0	86.4	30	137				
Bromodichloromethane	37	2.0	50.00	0	73.7	38	122				
Bromoform	36	2.0	50.00	0	72.5	46	128				
Bromomethane	45	4.0	50.00	0	89.1	27	146				
Carbon tetrachloride	45	2.0	50.00	0	90.2	35	134				
Chlorobenzene	44	2.0	50.00	0	89.0	47	120				
Chloroethane	63	2.0	50.00	0	126	38	130				
Chloroform	41	2.0	50.00	0	82.5	35	138				
Chloromethane	74	2.0	50.00	0	149	20	155				
cis-1,3-Dichloropropene	36	2.0	50.00	0	71.4	33	120				
Dibromochloromethane	39	2.0	50.00	0	78.7	42	128				
Ethylbenzene	48	2.0	50.00	0	96.0	46	134				m
Methylene chloride	19	2.0	50.00	0	38.8	27	137				B*
Tetrachloroethene	40	2.0	50.00	0	80.6	30	125				
Toluene	47	2.0	50.00	0	93.7	32	126				
trans-1,2-Dichloroethene	45	2.0	50.00	0	90.4	24	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_W**

Sample ID	**LCS-99**	SampType:	**LCS**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:	**1/20/2014**	RunNo:	**182**
Client ID:	**LCSW**	Batch ID:	**99a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3553**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	36	2.0	50.00	0	72.8	30	120				
Trichloroethene	45	2.0	50.00	0	90.4	41	125				
Trichlorofluoromethane	67	2.0	50.00	0	135	38	149				
Vinyl chloride	83	2.0	50.00	0	166	24	152				S
Surr: 4-Bromofluorobenzene	51		50.00		102	70	128				
Surr: Dibromofluoromethane	47		50.00		93.4	75	129				
Surr: Toluene-d8	50		50.00		99.8	70	124				

Sample ID	**MB-99**	SampType:	**MBLK**	TestCode:	**8260_W**	Units:	**µg/L**	Prep Date:	**1/20/2014**	RunNo:	**182**
Client ID:	**PBW**	Batch ID:	**99a**	TestNo:	**SW8260C**			Analysis Date:	**1/21/2014**	SeqNo:	**3554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	2.0									
1,1,1-Trichloroethane	U	2.0									
1,1,2,2-Tetrachloroethane	U	2.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	2.0									
1,1,2-Trichloroethane	U	2.0									
1,1-Dichloroethane	U	2.0									
1,1-Dichloroethene	U	2.0									
1,1-Dichloropropene	U	2.0									
1,2,3-Trichlorobenzene	U	2.0									
1,2,3-Trichloropropane	U	2.0									
1,2,4,5-Tetramethylbenzene	U	2.0									
1,2,4-Trichlorobenzene	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_W**

Sample ID **MB-99**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **1/20/2014**	RunNo: **182**
Client ID: **PBW**	Batch ID: **99a**	TestNo: **SW8260C**		Analysis Date: **1/21/2014**	SeqNo: **3554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	U	2.0									
1,2-Dibromo-3-chloropropane	U	2.0									
1,2-Dibromoethane	U	2.0									
1,2-Dichlorobenzene	U	2.0									
1,2-Dichloroethane	U	2.0									
1,2-Dichloropropane	U	2.0									
1,3,5-Trimethylbenzene	U	2.0									
1,3-Dichlorobenzene	U	2.0									
1,3-dichloropropane	U	2.0									
1,4-Dichlorobenzene	U	2.0									
1,4-Dioxane	U	2.0									
2,2-Dichloropropane	U	2.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	4.0									*
2-Chlorotoluene	U	2.0									
2-Hexanone	U	5.0									
2-Propanol	U	2.0									
4-Chlorotoluene	U	2.0									
4-Isopropyltoluene	U	2.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	3.5	5.0									J*
Benzene	U	2.0									
Bromobenzene	U	2.0									
Bromochloromethane	U	2.0									
Bromodichloromethane	U	2.0									
Bromoform	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_W**

Sample ID **MB-99**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **1/20/2014**	RunNo: **182**
Client ID: **PBW**	Batch ID: **99a**	TestNo: **SW8260C**		Analysis Date: **1/21/2014**	SeqNo: **3554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	U	4.0									
Carbon disulfide	U	2.0									
Carbon tetrachloride	U	2.0									
Chlorobenzene	U	2.0									
Chlorodifluoromethane	U	2.0									
Chloroethane	U	2.0									
Chloroform	U	2.0									
Chloromethane	U	2.0									
cis-1,2-Dichloroethene	U	2.0									
cis-1,3-Dichloropropene	U	2.0									
Cyclohexane	U	2.0									*
Dibromochloromethane	U	2.0									
Dibromomethane	U	2.0									
Dichlorodifluoromethane	U	2.0									*
Diisopropyl ether	U	2.0									
Ethanol	U	10									
Ethylbenzene	U	2.0									
Freon-114	U	2.0									*
Hexachlorobutadiene	U	2.0									
Isopropylbenzene	U	2.0									
m,p-Xylene	U	4.0									
Methyl Acetate	U	2.0									
Methyl tert-butyl ether	U	2.0									
Methylene chloride	4.4	2.0									*
Naphthalene	U	2.0									
n-Butylbenzene	U	2.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8260_W**

Sample ID **MB-99**	SampType: **MBLK**	TestCode: **8260_W**	Units: **µg/L**	Prep Date: **1/20/2014**	RunNo: **182**
Client ID: **PBW**	Batch ID: **99a**	TestNo: **SW8260C**		Analysis Date: **1/21/2014**	SeqNo: **3554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	U	2.0									*
o-Xylene	U	2.0									
p-Diethylbenzene	U	2.0									
p-Ethyltoluene	U	2.0									
sec-Butylbenzene	U	2.0									*
Styrene	U	2.0									
t-Butyl alcohol	U	10									
tert-Butylbenzene	U	2.0									
Tetrachloroethene	U	2.0									
Toluene	U	2.0									
trans-1,2-Dichloroethene	U	2.0									
trans-1,3-Dichloropropene	U	2.0									
Trichloroethene	U	2.0									
Trichlorofluoromethane	U	2.0									
Vinyl acetate	U	2.0									
Vinyl chloride	U	2.0									
Surr: 4-Bromofluorobenzene	50		50.00		100	70	128				
Surr: Dibromofluoromethane	46		50.00		92.4	75	129				
Surr: Toluene-d8	49		50.00		98.8	70	124				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID	**MB-114**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**198**
Client ID:	**PBS**	Batch ID:	**114**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**3813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	250									
1,2-Dichlorobenzene	U	250									
1,3-Dichlorobenzene	U	250									
1,4-Dichlorobenzene	U	250									
2,3,4,6-Tetrachlorophenol	U	250									
2,4,5-Trichlorophenol	U	250									
2,4,6-Trichlorophenol	U	250									
2,4-Dichlorophenol	U	250									
2,4-Dimethylphenol	U	250									
2,4-Dinitrophenol	U	500									*
2,4-Dinitrotoluene	U	250									
2,6-Dinitrotoluene	U	250									
2-Chloronaphthalene	U	250									
2-Chlorophenol	U	250									
2-Methylnaphthalene	U	250									
2-Methylphenol	U	250									
2-Nitroaniline	U	250									
2-Nitrophenol	U	250									
3,3´-Dichlorobenzidine	U	250									
3+4-Methylphenol	U	250									
3-Nitroaniline	U	250									
4,6-Dinitro-2-methylphenol	U	500									
4-Bromophenyl phenyl ether	U	250									
4-Chloro-3-methylphenol	U	250									
4-Chloroaniline	U	250									
4-Chlorophenyl phenyl ether	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID	**MB-114**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**198**
Client ID:	**PBS**	Batch ID:	**114**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**3813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	250									
4-Nitrophenol	U	500									
Acenaphthene	U	250									
Acenaphthylene	U	250									
Acetophenone	U	250									
Aniline	U	250									
Anthracene	U	250									
Atrazine	U	250									
Azobenzene	U	250									
Benzaldehyde	U	500									
Benzidine	U	500									
Benzo(a)anthracene	U	250									
Benzo(a)pyrene	U	250									
Benzo(b)fluoranthene	U	250									
Benzo(g,h,i)perylene	U	250									
Benzo(k)fluoranthene	U	250									
Benzoic acid	U	500									
Benzyl alcohol	U	250									
Biphenyl	U	250									
Bis(2-chloroethoxy)methane	U	250									
Bis(2-chloroethyl)ether	U	250									
Bis(2-chloroisopropyl)ether	U	250									
Bis(2-ethylhexyl)phthalate	U	250									*
Butyl benzyl phthalate	U	250									
Caprolactam	U	250									
Carbazole	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID	**MB-114**	SampType:	**MBLK**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**198**
Client ID:	**PBS**	Batch ID:	**114**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**3813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	250									
Dibenzo(a,h)anthracene	U	250									
Dibenzofuran	U	250									
Diethyl phthalate	U	250									
Dimethyl phthalate	U	250									
Di-n-butyl phthalate	U	250									
Di-n-octyl phthalate	U	250									
Fluoranthene	U	250									
Fluorene	U	250									
Hexachlorobenzene	U	250									
Hexachlorobutadiene	U	250									
Hexachlorocyclopentadiene	U	250									
Hexachloroethane	U	250									
Indeno(1,2,3-c,d)pyrene	U	250									
Isophorone	U	250									
Naphthalene	U	250									
Nitrobenzene	U	250									
N-Nitrosodimethylamine	U	250									
N-Nitrosodi-n-propylamine	U	250									
N-Nitrosodiphenylamine	U	250									
Parathion	U	500									
Pentachlorophenol	U	500									
Phenanthrene	U	250									
Phenol	U	250									
Pyrene	U	250									
Pyridine	U	250									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID **MB-114**	SampType: **MBLK**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **198**
Client ID: **PBS**	Batch ID: **114**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **3813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	2100		1998		103	11	135				
Surr: 2-Fluorobiphenyl	920		999.0		92.3	21	143				
Surr: 2-Fluorophenol	2100		1998		106	14	122				
Surr: 4-Terphenyl-d14	1000		999.0		101	15	137				
Surr: Nitrobenzene-d5	960		999.0		96.5	17	136				
Surr: Phenol-d6	2400		1998		121	10	116				S

Sample ID **LCS-114**	SampType: **LCS**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **198**
Client ID: **LCSS**	Batch ID: **114**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **3814**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	830	250	1987	0	41.6	30	125				
1,2-Dichlorobenzene	900	250	1987	0	45.4	24	122				
1,3-Dichlorobenzene	810	250	1987	0	40.7	25	125				
1,4-Dichlorobenzene	870	250	1987	0	44.0	23	121				
2,4,6-Trichlorophenol	910	250	1987	0	45.6	25	130				
2,4-Dichlorophenol	900	250	1987	0	45.5	31	125				
2,4-Dimethylphenol	910	250	1987	0	45.7	17	132				
2,4-Dinitrophenol	850	500	1987	0	42.6	1	116				*
2,4-Dinitrotoluene	820	250	1987	0	41.1	30	134				
2,6-Dinitrotoluene	750	250	1987	0	37.7	35	125				
2-Chloronaphthalene	860	250	1987	0	43.3	30	130				
2-Chlorophenol	920	250	1987	0	46.4	32	134				
2-Nitrophenol	830	250	1987	0	42.0	16	146				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID	**LCS-114**	SampType:	**LCS**	TestCode:	**8270_S**	Units:	**µg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**198**
Client ID:	**LCSS**	Batch ID:	**114**	TestNo:	**SW8270D**	**SW3546**		Analysis Date:	**1/23/2014**	SeqNo:	**3814**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	610	500	1987	0	30.5	11	141				
4-Bromophenyl phenyl ether	880	250	1987	0	44.5	35	135				
4-Chloro-3-methylphenol	920	250	1987	0	46.4	19	139				
4-Chlorophenyl phenyl ether	890	250	1987	0	44.6	30	128				
4-Nitrophenol	890	500	1987	0	44.9	17	140				
Acenaphthene	880	250	1987	0	44.3	25	137				
Acenaphthylene	850	250	1987	0	42.6	23	136				
Anthracene	870	250	1987	0	43.9	23	150				
Benzo(a)anthracene	870	250	1987	0	43.9	31	140				
Benzo(a)pyrene	850	250	1987	0	43.0	36	136				
Benzo(b)fluoranthene	900	250	1987	0	45.1	30	140				
Benzo(g,h,i)perylene	890	250	1987	0	44.6	21	143				
Benzo(k)fluoranthene	900	250	1987	0	45.1	30	140				
Bis(2-chloroethoxy)methane	810	250	1987	0	40.7	18	110				
Bis(2-chloroethyl)ether	920	250	1987	0	46.3	30	131				
Bis(2-chloroisopropyl)ether	910	250	1987	0	45.9	34	124				
Bis(2-ethylhexyl)phthalate	720	250	1987	0	36.0	35	137				*
Butyl benzyl phthalate	800	250	1987	0	40.1	34	140				
Chrysene	900	250	1987	0	45.3	31	133				
Dibenzo(a,h)anthracene	860	250	1987	0	43.2	24	145				
Diethyl phthalate	850	250	1987	0	42.6	35	130				
Dimethyl phthalate	850	250	1987	0	43.0	32	130				
Di-n-butyl phthalate	830	250	1987	0	41.6	35	131				
Di-n-octyl phthalate	730	250	1987	0	36.9	37	143				S
Fluoranthene	890	250	1987	0	44.6	21	139				
Fluorene	890	250	1987	0	44.6	30	130				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_S**

Sample ID **LCS-114**	SampType: **LCS**	TestCode: **8270_S**	Units: **µg/Kg**	Prep Date: **1/23/2014**	RunNo: **198**
Client ID: **LCSS**	Batch ID: **114**	TestNo: **SW8270D**	**SW3546**	Analysis Date: **1/23/2014**	SeqNo: **3814**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	900	250	1987	0	45.4	30	130				
Hexachlorobutadiene	800	250	1987	0	40.3	30	125				
Hexachlorocyclopentadiene	480	250	1987	0	24.1	12	126				
Hexachloroethane	850	250	1987	0	42.5	30	125				
Indeno(1,2,3-c,d)pyrene	860	250	1987	0	43.5	28	141				
Isophorone	820	250	1987	0	41.4	30	125				
Naphthalene	850	250	1987	0	42.8	27	131				
Nitrobenzene	840	250	1987	0	42.0	35	125				
N-Nitrosodimethylamine	930	250	1987	0	46.9	10	123				
N-Nitrosodi-n-propylamine	900	250	1987	0	45.1	39	125				
N-Nitrosodiphenylamine	480	250	1987	0	24.0	21	103				
Pentachlorophenol	750	500	1987	0	38.0	10	132				
Phenanthrene	930	250	1987	0	46.7	35	130				
Phenol	930	250	1987	0	46.9	20	135				
Pyrene	970	250	1987	0	48.6	30	152				
Surr: 2,4,6-Tribromophenol	1900		1987		96.5	11	135				
Surr: 2-Fluorobiphenyl	850		993.5		85.8	21	143				
Surr: 2-Fluorophenol	1700		1987		83.3	14	122				
Surr: 4-Terphenyl-d14	890		993.5		89.4	15	137				
Surr: Nitrobenzene-d5	850		993.5		85.6	17	136				
Surr: Phenol-d6	1900		1987		94.0	10	116				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID	**MB-113**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**228**
Client ID:	**PBW**	Batch ID:	**113**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,4-Dichlorobenzene	U	5.0									
2,3,4,6-Tetrachlorophenol	U	5.0									
2,4,5-Trichlorophenol	U	5.0									
2,4,6-Trichlorophenol	U	5.0									
2,4-Dichlorophenol	U	5.0									
2,4-Dimethylphenol	U	10									
2,4-Dinitrophenol	U	10									*
2,4-Dinitrotoluene	U	5.0									
2,6-Dinitrotoluene	U	5.0									
2-Chloronaphthalene	U	5.0									
2-Chlorophenol	U	5.0									
2-Methylnaphthalene	U	5.0									
2-Methylphenol	U	5.0									
2-Nitroaniline	U	5.0									
2-Nitrophenol	U	10									
3,3´-Dichlorobenzidine	U	5.0									
3+4-Methylphenol	U	5.0									
3-Nitroaniline	U	10									
4,6-Dinitro-2-methylphenol	U	10									
4-Bromophenyl phenyl ether	U	5.0									
4-Chloro-3-methylphenol	U	5.0									
4-Chloroaniline	U	5.0									
4-Chlorophenyl phenyl ether	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID	**MB-113**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**228**
Client ID:	**PBW**	Batch ID:	**113**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Nitroaniline	U	5.0									
4-Nitrophenol	U	10									
Acenaphthene	U	5.0									
Acenaphthylene	U	5.0									
Acetophenone	U	5.0									
Aniline	U	5.0									
Anthracene	U	5.0									
Atrazine	U	5.0									
Azobenzene	U	5.0									
Benzaldehyde	U	10									
Benzidine	U	10									
Benzo(a)anthracene	U	5.0									
Benzo(a)pyrene	U	5.0									
Benzo(b)fluoranthene	U	5.0									
Benzo(g,h,i)perylene	U	5.0									
Benzo(k)fluoranthene	U	5.0									
Benzoic acid	U	10									
Benzyl alcohol	U	5.0									
Biphenyl	U	5.0									
Bis(2-chloroethoxy)methane	U	5.0									
Bis(2-chloroethyl)ether	U	5.0									
Bis(2-chloroisopropyl)ether	U	5.0									
Bis(2-ethylhexyl)phthalate	U	10									
Butyl benzyl phthalate	U	10									
Caprolactam	U	5.0									
Carbazole	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID	**MB-113**	SampType:	**MBLK**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**228**
Client ID:	**PBW**	Batch ID:	**113**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chrysene	U	5.0									
Dibenzo(a,h)anthracene	U	5.0									
Dibenzofuran	U	5.0									
Diethyl phthalate	U	5.0									
Dimethyl phthalate	U	5.0									
Di-n-butyl phthalate	U	5.0									
Di-n-octyl phthalate	U	5.0									
Fluoranthene	U	5.0									
Fluorene	U	5.0									
Hexachlorobenzene	U	5.0									
Hexachlorobutadiene	U	5.0									
Hexachlorocyclopentadiene	U	10									*
Hexachloroethane	U	5.0									
Indeno(1,2,3-c,d)pyrene	U	5.0									
Isophorone	U	5.0									
Naphthalene	U	5.0									
Nitrobenzene	U	5.0									
N-Nitrosodimethylamine	U	5.0									
N-Nitrosodi-n-propylamine	U	5.0									
N-Nitrosodiphenylamine	U	5.0									
Parathion	U	10									
Pentachlorophenol	U	10									
Phenanthrene	U	5.0									
Phenol	U	5.0									
Pyrene	U	5.0									
Pyridine	U	5.0									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID **MB-113** SampType: **MBLK** TestCode: **8270_W** Units: **µg/L** Prep Date: **1/24/2014** RunNo: **228**
Client ID: **PBW** Batch ID: **113** TestNo: **SW8270D** **SW3510C** Analysis Date: **1/24/2014** SeqNo: **4245**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 2,4,6-Tribromophenol	16		40.00		39.8	18	134				
Surr: 2-Fluorobiphenyl	7.6		20.00		37.9	22	134				
Surr: 2-Fluorophenol	11		40.00		26.5	12	111				
Surr: 4-Terphenyl-d14	8.7		20.00		43.5	20	144				
Surr: Nitrobenzene-d5	7.0		20.00		35.2	21	146				
Surr: Phenol-d6	7.2		40.00		18.0	10	110				

Sample ID **LCS-113** SampType: **LCS** TestCode: **8270_W** Units: **µg/L** Prep Date: **1/24/2014** RunNo: **228**
Client ID: **LCSW** Batch ID: **113** TestNo: **SW8270D** **SW3510C** Analysis Date: **1/24/2014** SeqNo: **4246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	14	5.0	20.00	0	70.3	21	125				
1,2-Dichlorobenzene	15	5.0	20.00	0	75.8	30	117				
1,3-Dichlorobenzene	14	5.0	20.00	0	69.2	31	120				
1,4-Dichlorobenzene	15	5.0	20.00	0	76.6	37	120				
2,4,6-Trichlorophenol	15	5.0	20.00	0	74.0	42	124				
2,4-Dichlorophenol	15	5.0	20.00	0	75.3	46	122				
2,4-Dimethylphenol	12	10	20.00	0	60.1	20	121				
2,4-Dinitrophenol	16	10	20.00	0	78.2	10	142				*
2,4-Dinitrotoluene	14	5.0	20.00	0	68.7	39	136				
2,6-Dinitrotoluene	13	5.0	20.00	0	67.4	37	130				
2-Chloronaphthalene	15	5.0	20.00	0	74.7	26	124				
2-Chlorophenol	15	5.0	20.00	0	72.8	40	115				
2-Nitrophenol	13	10	20.00	0	66.5	45	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID	**LCS-113**	SampType:	**LCS**	TestCode:	**8270_W**	Units:	**µg/L**	Prep Date:	**1/24/2014**	RunNo:	**228**
Client ID:	**LCSW**	Batch ID:	**113**	TestNo:	**SW8270D**	**SW3510C**		Analysis Date:	**1/24/2014**	SeqNo:	**4246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,6-Dinitro-2-methylphenol	11	10	20.00	0	55.2	18	132				
4-Bromophenyl phenyl ether	16	5.0	20.00	0	81.2	41	130				
4-Chloro-3-methylphenol	16	5.0	20.00	0	79.7	35	120				
4-Chlorophenyl phenyl ether	16	5.0	20.00	0	81.7	33	128				
4-Nitrophenol	6.5	10	20.00	0	32.4	10	120				J
Acenaphthene	16	5.0	20.00	0	77.8	34	130				
Acenaphthylene	15	5.0	20.00	0	74.9	32	130				
Anthracene	17	5.0	20.00	0	83.1	40	133				
Benzo(a)anthracene	16	5.0	20.00	0	82.0	41	130				
Benzo(a)pyrene	16	5.0	20.00	0	80.9	39	135				
Benzo(b)fluoranthene	17	5.0	20.00	0	84.4	41	141				
Benzo(g,h,i)perylene	17	5.0	20.00	0	83.4	26	140				
Benzo(k)fluoranthene	16	5.0	20.00	0	81.6	25	143				
Bis(2-chloroethoxy)methane	14	5.0	20.00	0	71.1	35	117				
Bis(2-chloroethyl)ether	16	5.0	20.00	0	79.0	41	120				
Bis(2-chloroisopropyl)ether	15	5.0	20.00	0	77.0	26	128				
Bis(2-ethylhexyl)phthalate	13	10	20.00	0	66.8	45	135				
Butyl benzyl phthalate	14	10	20.00	0	72.1	28	140				
Chrysene	17	5.0	20.00	0	85.5	42	130				
Dibenzo(a,h)anthracene	16	5.0	20.00	0	81.6	30	138				
Diethyl phthalate	15	5.0	20.00	0	76.9	20	133				
Dimethyl phthalate	16	5.0	20.00	0	79.1	50	125				
Di-n-butyl phthalate	15	5.0	20.00	0	73.1	42	142				
Di-n-octyl phthalate	13	5.0	20.00	0	63.7	50	132				
Fluoranthene	16	5.0	20.00	0	80.1	30	143				
Fluorene	16	5.0	20.00	0	81.9	34	126				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **8270_W**

Sample ID **LCS-113**	SampType: **LCS**	TestCode: **8270_W**	Units: **µg/L**	Prep Date: **1/24/2014**	RunNo: **228**
Client ID: **LCSW**	Batch ID: **113**	TestNo: **SW8270D**	**SW3510C**	Analysis Date: **1/24/2014**	SeqNo: **4246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobenzene	17	5.0	20.00	0	83.4	33	125				
Hexachlorobutadiene	14	5.0	20.00	0	70.3	20	131				
Hexachlorocyclopentadiene	5.8	10	20.00	0	29.1	2	115				J*
Hexachloroethane	15	5.0	20.00	0	74.3	20	127				
Indeno(1,2,3-c,d)pyrene	16	5.0	20.00	0	81.1	30	146				
Isophorone	15	5.0	20.00	0	72.8	40	127				
Naphthalene	15	5.0	20.00	0	72.6	22	126				
Nitrobenzene	14	5.0	20.00	0	70.2	46	118				
N-Nitrosodimethylamine	8.1	5.0	20.00	0	40.4	12	102				
N-Nitrosodi-n-propylamine	15	5.0	20.00	0	77.1	41	121				
N-Nitrosodiphenylamine	8.8	5.0	20.00	0	43.8	12	114				
Pentachlorophenol	12	10	20.00	0	59.0	20	136				
Phenanthrene	17	5.0	20.00	0	83.6	36	138				
Phenol	6.5	5.0	20.00	0	32.4	9	95				
Pyrene	18	5.0	20.00	0	91.2	33	138				
Surr: 2,4,6-Tribromophenol	33		40.00		82.9	18	134				
Surr: 2-Fluorobiphenyl	15		20.00		72.8	22	134				
Surr: 2-Fluorophenol	18		40.00		46.2	12	111				
Surr: 4-Terphenyl-d14	16		20.00		79.1	20	144				
Surr: Nitrobenzene-d5	13		20.00		66.2	21	146				
Surr: Phenol-d6	12		40.00		31.0	10	110				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **HG_D**

Sample ID	**1401081-08E-MS**	SampType:	**MS**	TestCode:	**HG_D**	Units:	**mg/L**	Prep Date:		RunNo:	**190**
Client ID:	**BatchQC**	Batch ID:	**125**	TestNo:	**E245.1**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3621**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00394	0.000250	0.004000	0	98.5	75	125				

Sample ID	**1401081-08E-MSD**	SampType:	**MSD**	TestCode:	**HG_D**	Units:	**mg/L**	Prep Date:		RunNo:	**190**
Client ID:	**BatchQC**	Batch ID:	**125**	TestNo:	**E245.1**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3622**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.00403	0.000250	0.004000	0	101	75	125	0.003940	2.26	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **HG_S**

Sample ID	**MBS012314A**	SampType:	**MBLK**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**191**
Client ID:	**PBS**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/24/2014**	SeqNo:	**3712**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0120									

Sample ID	**LCSS012314A**	SampType:	**LCS**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**191**
Client ID:	**LCSS**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/24/2014**	SeqNo:	**3713**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.197	0.0120	0.2000	0	98.3	80	120				

Sample ID	**1401081-005BMS**	SampType:	**MS**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**1/23/2014**	RunNo:	**191**
Client ID:	**SB-X**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/23/2014**	SeqNo:	**3738**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.252	0.0145	0.2410	0.02400	94.5	80	120				

Sample ID	**1401081-005BMSD**	SampType:	**MSD**	TestCode:	**HG_S**	Units:	**mg/Kg-dry**	Prep Date:	**1/23/2014**	RunNo:	**191**
Client ID:	**SB-X**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/23/2014**	SeqNo:	**3739**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.247	0.0143	0.2387	0.02400	93.4	80	120	0.2519	1.94	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **HG_S**

Sample ID	**MBS012314A**	SampType:	**MBLK**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**205**
Client ID:	**PBS**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/24/2014**	SeqNo:	**3967**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0120									

Sample ID	**LCSS012314A**	SampType:	**LCS**	TestCode:	**HG_S**	Units:	**mg/Kg**	Prep Date:	**1/23/2014**	RunNo:	**205**
Client ID:	**LCSS**	Batch ID:	**128**	TestNo:	**SW7471B**	**SW7471B**		Analysis Date:	**1/24/2014**	SeqNo:	**3968**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.197	0.0120	0.2000	0	98.3	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_D**

Sample ID	**LCSD012214A**	SampType:	**LCS**	TestCode:	**ICPSCAN_D**	Units:	**mg/L**	Prep Date:	**1/22/2014**	RunNo:	**194**
Client ID:	**LCSW**	Batch ID:	**125**	TestNo:	**E200.7**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3767**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	1.95	0.0200	2.000	0	97.3	85	115				
Antimony	2.20	0.0200	2.000	0	110	85	115				
Arsenic	2.07	0.0250	2.000	0	103	85	115				
Barium	1.90	0.0200	2.000	0	95.1	85	115				
Beryllium	1.90	0.0200	2.000	0	95.0	85	115				
Cadmium	1.92	0.0100	2.000	0	96.2	85	115				
Calcium	1.95	0.0250	2.000	0	97.5	85	115				
Chromium	2.02	0.0200	2.000	0	101	85	115				
Cobalt	1.88	0.0200	2.000	0	93.8	85	115				
Copper	1.94	0.0200	2.000	0	97.1	85	115				
Iron	1.96	0.0200	2.000	0	98.2	85	115				
Lead	2.00	0.0150	2.000	0	100	85	115				
Magnesium	1.96	0.0200	2.000	0	97.9	85	115				
Manganese	1.95	0.0200	2.000	0	97.5	85	115				
Nickel	1.90	0.0200	2.000	0	95.1	85	115				
Potassium	19.2	0.100	20.00	0	95.8	85	115				
Selenium	1.90	0.0250	2.000	0	95.1	85	115				
Silver	2.10	0.0200	2.000	0	105	85	115				
Sodium	2.10	0.0300	2.000	0	105	85	115				
Thallium	2.01	0.0150	2.000	0	101	85	115				
Vanadium	1.90	0.0200	2.000	0	94.8	85	115				
Zinc	1.98	0.0200	2.000	0	99.1	85	115				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_D**

Sample ID	**1401081-008EMS**	SampType:	**MS**	TestCode:	**ICPSCAN_D**	Units:	**mg/L**	Prep Date:	**1/22/2014**	RunNo:	**194**
Client ID:	**MW-X**	Batch ID:	**125**	TestNo:	**E200.7**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3771**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.997	0.0200	1.000	0.008170	98.9	60	132				
Antimony	0.983	0.0200	1.000	0	98.3	60	133				
Arsenic	1.12	0.0250	1.000	0	112	70	130				
Barium	1.07	0.0200	1.000	0.1035	96.3	66	135				
Beryllium	0.970	0.0200	1.000	0	97.0	70	130				
Cadmium	0.978	0.0100	1.000	0	97.8	70	130				
Calcium	106	0.0250	1.000	110.9	-513	70	130				S
Chromium	0.996	0.0200	1.000	0	99.6	69	131				
Cobalt	0.906	0.0200	1.000	0	90.6	61	125				
Copper	0.970	0.0200	1.000	0	97.0	70	130				
Iron	1.01	0.0200	1.000	0.1737	83.6	51	131				
Lead	0.960	0.0150	1.000	0	96.0	68	128				
Magnesium	15.0	0.0200	1.000	14.87	11.6	25	125				S
Manganese	1.73	0.0200	1.000	0.8624	86.6	65	127				
Nickel	0.922	0.0200	1.000	0	92.2	68	130				
Potassium	26.9	0.100	10.00	16.08	108	70	134				
Selenium	1.11	0.0250	1.000	0	111	70	130				
Silver	0.974	0.0200	1.000	0	97.4	60	125				
Sodium	13.9	0.0300	1.000	13.57	32.1	30	135				
Thallium	0.998	0.0150	1.000	0	99.8	65	133				
Vanadium	0.947	0.0200	1.000	0	94.7	70	130				
Zinc	1.03	0.0200	1.000	0.009803	102	68	132				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_D**

Sample ID	**1401081-008EMSD**	SampType:	**MSD**	TestCode:	**ICPSCAN_D**	Units:	**mg/L**	Prep Date:	**1/22/2014**	RunNo:	**194**
Client ID:	**MW-X**	Batch ID:	**125**	TestNo:	**E200.7**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3772**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	0.994	0.0200	1.000	0.008170	98.6	60	132	0.9971	0.313	20	
Antimony	1.05	0.0200	1.000	0	105	60	133	0.9833	6.67	20	
Arsenic	1.11	0.0250	1.000	0	111	70	130	1.115	0.572	20	
Barium	1.06	0.0200	1.000	0.1035	96.0	66	135	1.066	0.233	20	
Beryllium	0.970	0.0200	1.000	0	97.0	70	130	0.9695	0.0294	20	
Cadmium	0.977	0.0100	1.000	0	97.7	70	130	0.9781	0.115	20	
Calcium	105	0.0250	1.000	110.9	-555	70	130	105.8	0.400	20	S
Chromium	0.993	0.0200	1.000	0	99.3	69	131	0.9962	0.287	20	
Cobalt	0.905	0.0200	1.000	0	90.5	61	125	0.9061	0.0657	20	
Copper	0.966	0.0200	1.000	0	96.6	70	130	0.9698	0.383	20	
Iron	1.03	0.0200	1.000	0.1737	85.8	51	131	1.010	2.12	20	
Lead	0.959	0.0150	1.000	0	95.9	68	128	0.9600	0.109	20	
Magnesium	14.9	0.0200	1.000	14.87	3.79	25	125	14.99	0.520	20	S
Manganese	1.72	0.0200	1.000	0.8624	85.9	65	127	1.728	0.391	20	
Nickel	0.918	0.0200	1.000	0	91.8	68	130	0.9218	0.367	20	
Potassium	26.7	0.100	10.00	16.08	106	70	134	26.87	0.710	20	
Selenium	1.11	0.0250	1.000	0	111	70	130	1.107	0.658	20	
Silver	0.977	0.0200	1.000	0	97.7	60	125	0.9745	0.246	20	
Sodium	13.8	0.0300	1.000	13.57	25.1	30	135	13.89	0.504	20	S
Thallium	0.993	0.0150	1.000	0	99.3	65	133	0.9978	0.461	20	
Vanadium	0.946	0.0200	1.000	0	94.6	70	130	0.9474	0.137	20	
Zinc	1.03	0.0200	1.000	0.009803	102	68	132	1.034	0.636	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_D**

Sample ID	**MBD012214A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_D**	Units:	**mg/L**	Prep Date:	**1/22/2014**	RunNo:	**194**
Client ID:	**PBW**	Batch ID:	**125**	TestNo:	**E200.7**		**SW3005A**	Analysis Date:	**1/23/2014**	SeqNo:	**3774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.0200									
Antimony	U	0.0200									
Arsenic	U	0.0250									
Barium	U	0.0200									
Beryllium	U	0.0200									
Cadmium	U	0.0100									
Calcium	U	0.0250									
Chromium	U	0.0200									
Cobalt	U	0.0200									
Copper	U	0.0200									
Iron	U	0.0200									
Lead	U	0.0150									
Magnesium	U	0.0200									
Manganese	U	0.0200									
Nickel	U	0.0200									
Potassium	U	0.100									
Selenium	U	0.0250									
Silver	U	0.0200									
Sodium	U	0.0300									
Thallium	U	0.0150									
Vanadium	U	0.0200									
Zinc	U	0.0200									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID	**MBS012214A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_S**	Units:	**mg/Kg**	Prep Date:	**1/22/2014**	RunNo:	**195**
Client ID:	**PBS**	Batch ID:	**118**	TestNo:	**SW6010C**	**SW3050B**		Analysis Date:	**1/23/2014**	SeqNo:	**3775**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **LCSS012214A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **1/22/2014** RunNo: **195**

Client ID: **LCSS** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **3776**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	38.6	0.400	40.00	0	96.6	80	120				
Antimony	42.5	0.500	40.00	0	106	80	120				
Arsenic	41.1	0.500	40.00	0	103	80	120				
Barium	37.9	0.400	40.00	0	94.7	80	120				
Beryllium	37.3	0.400	40.00	0	93.3	80	120				
Cadmium	37.8	0.400	40.00	0	94.6	80	120				
Calcium	37.5	0.500	40.00	0	93.9	80	120				
Chromium	39.7	0.400	40.00	0	99.4	80	120				
Cobalt	36.5	0.400	40.00	0	91.2	80	120				
Copper	38.9	0.400	40.00	0	97.1	80	120				
Iron	38.4	0.400	40.00	0	96.0	80	120				
Lead	39.1	0.400	40.00	0	97.6	80	120				
Magnesium	37.7	0.400	40.00	0	94.2	80	120				
Manganese	38.0	0.400	40.00	0	95.1	80	120				
Nickel	37.0	0.400	40.00	0	92.6	80	120				
Potassium	377	0.500	400.0	0	94.4	80	120				
Selenium	38.1	0.500	40.00	0	95.3	80	120				
Silver	41.5	0.400	40.00	0	104	80	120				
Sodium	42.9	0.500	40.00	0	107	80	120				
Thallium	40.0	0.500	40.00	0	99.9	80	120				
Vanadium	37.3	0.400	40.00	0	93.2	80	120				
Zinc	39.0	0.400	40.00	0	97.6	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **1401068-001B-MS** SampType: **MS** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **1/22/2014** RunNo: **195**

Client ID: **BatchQC** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **3801**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	427	0.445	22.23	412.4	66.5	75	125				S
Antimony	27.9	0.556	22.23	0.8513	122	75	125				
Arsenic	25.8	0.556	22.23	0	116	75	125				
Barium	28.4	0.445	22.23	3.718	111	75	125				
Beryllium	22.3	0.445	22.23	0	100	75	125				
Cadmium	23.1	0.445	22.23	0.1853	103	75	125				
Calcium	136	0.556	22.23	88.11	217	75	125				S
Chromium	27.9	0.445	22.23	2.171	116	75	125				
Cobalt	21.6	0.445	22.23	0	97.0	75	125				
Copper	47.3	0.445	22.23	21.30	117	75	125				
Iron	693	0.445	22.23	677.9	67.6	75	125				S
Lead	36.1	0.445	22.23	12.17	108	75	125				
Magnesium	147	0.445	22.23	122.3	113	75	125				
Manganese	29.9	0.445	22.23	5.725	109	75	125				
Nickel	23.9	0.445	22.23	0.7349	104	75	125				
Potassium	280	0.556	222.3	75.45	91.9	75	125				
Selenium	23.6	0.556	22.23	0	106	75	125				
Silver	25.1	0.445	22.23	0	113	75	125				
Sodium	46.3	0.556	22.23	19.53	120	75	125				
Thallium	23.6	0.556	22.23	0	106	75	125				
Vanadium	25.8	0.445	22.23	1.447	110	75	125				
Zinc	39.4	0.445	22.23	13.87	115	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **1401068-001B-MSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **1/22/2014** RunNo: **195**

Client ID: **BatchQC** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **3802**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	427	0.445	22.23	412.4	66.5	75	125	427.2	0.000520	20	S
Antimony	27.9	0.556	22.23	0.8513	122	75	125	27.87	0.265	20	
Arsenic	25.8	0.556	22.23	0	116	75	125	25.81	0.0129	20	
Barium	28.2	0.445	22.23	3.718	110	75	125	28.40	0.611	20	
Beryllium	22.2	0.445	22.23	0	99.9	75	125	22.26	0.258	20	
Cadmium	23.2	0.445	22.23	0.1853	103	75	125	23.13	0.105	20	
Calcium	130	0.556	22.23	88.11	189	75	125	136.3	4.68	20	S
Chromium	27.9	0.445	22.23	2.171	116	75	125	27.87	0.0646	20	
Cobalt	21.6	0.445	22.23	0	97.0	75	125	21.57	0.0296	20	
Copper	46.9	0.445	22.23	21.30	115	75	125	47.29	0.773	20	
Iron	696	0.445	22.23	677.9	80.0	75	125	693.0	0.397	20	
Lead	36.1	0.445	22.23	12.17	108	75	125	36.07	0.105	20	
Magnesium	147	0.445	22.23	122.3	113	75	125	147.3	0.0210	20	
Manganese	30.0	0.445	22.23	5.725	109	75	125	29.95	0.145	20	
Nickel	24.0	0.445	22.23	0.7349	105	75	125	23.92	0.219	20	
Potassium	278	0.556	222.3	75.45	91.1	75	125	279.7	0.646	20	
Selenium	23.7	0.556	22.23	0	107	75	125	23.61	0.316	20	
Silver	25.0	0.445	22.23	0	112	75	125	25.10	0.477	20	
Sodium	46.1	0.556	22.23	19.53	120	75	125	46.31	0.379	20	
Thallium	23.6	0.556	22.23	0	106	75	125	23.61	0.0706	20	
Vanadium	25.8	0.445	22.23	1.447	110	75	125	25.81	0.108	20	
Zinc	38.8	0.445	22.23	13.87	112	75	125	39.41	1.54	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Website: www.American-Analytical.com

QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID	**MBS012214A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_S**	Units:	**mg/Kg**	Prep Date:	**1/22/2014**	RunNo:	**200**
Client ID:	**PBS**	Batch ID:	**118**	TestNo:	**SW6010C**	**SW3050B**		Analysis Date:	**1/23/2014**	SeqNo:	**3892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **LCSS012214A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **1/22/2014** RunNo: **200**

Client ID: **LCSS** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **3893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	38.6	0.400	40.00	0	96.6	80	120				
Antimony	42.5	0.500	40.00	0	106	80	120				
Arsenic	41.1	0.500	40.00	0	103	80	120				
Barium	37.9	0.400	40.00	0	94.7	80	120				
Beryllium	37.3	0.400	40.00	0	93.3	80	120				
Cadmium	37.8	0.400	40.00	0	94.6	80	120				
Calcium	37.5	0.500	40.00	0	93.9	80	120				
Chromium	39.7	0.400	40.00	0	99.4	80	120				
Cobalt	36.5	0.400	40.00	0	91.2	80	120				
Copper	38.9	0.400	40.00	0	97.1	80	120				
Iron	38.4	0.400	40.00	0	96.0	80	120				
Lead	39.1	0.400	40.00	0	97.6	80	120				
Magnesium	37.7	0.400	40.00	0	94.2	80	120				
Manganese	38.0	0.400	40.00	0	95.1	80	120				
Nickel	37.0	0.400	40.00	0	92.6	80	120				
Potassium	377	0.500	400.0	0	94.4	80	120				
Selenium	38.1	0.500	40.00	0	95.3	80	120				
Silver	41.5	0.400	40.00	0	104	80	120				
Sodium	42.9	0.500	40.00	0	107	80	120				
Thallium	40.0	0.500	40.00	0	99.9	80	120				
Vanadium	37.3	0.400	40.00	0	93.2	80	120				
Zinc	39.0	0.400	40.00	0	97.6	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID	**1401068-001B-MS**	SampType:	**MS**	TestCode:	**ICPSCAN_S**	Units:	**mg/Kg-dry**	Prep Date:	**1/22/2014**	RunNo:	**200**
Client ID:	**BatchQC**	Batch ID:	**118**	TestNo:	**SW6010C**	**SW3050B**		Analysis Date:	**1/23/2014**	SeqNo:	**3918**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	427	0.445	22.23	412.4	66.5	75	125				S
Antimony	27.9	0.556	22.23	0.8513	122	75	125				
Arsenic	25.8	0.556	22.23	0	116	75	125				
Barium	28.4	0.445	22.23	3.718	111	75	125				
Beryllium	22.3	0.445	22.23	0	100	75	125				
Cadmium	23.1	0.445	22.23	0.1853	103	75	125				
Calcium	136	0.556	22.23	88.11	217	75	125				S
Chromium	27.9	0.445	22.23	2.171	116	75	125				
Cobalt	21.6	0.445	22.23	0	97.0	75	125				
Copper	47.3	0.445	22.23	21.30	117	75	125				
Iron	693	0.445	22.23	677.9	67.6	75	125				S
Lead	36.1	0.445	22.23	12.17	108	75	125				
Magnesium	147	0.445	22.23	122.3	113	75	125				
Manganese	29.9	0.445	22.23	5.725	109	75	125				
Nickel	23.9	0.445	22.23	0.7349	104	75	125				
Potassium	280	0.556	222.3	75.45	91.9	75	125				
Selenium	23.6	0.556	22.23	0	106	75	125				
Silver	25.1	0.445	22.23	0	113	75	125				
Sodium	46.3	0.556	22.23	19.53	120	75	125				
Thallium	23.6	0.556	22.23	0	106	75	125				
Vanadium	25.8	0.445	22.23	1.447	110	75	125				
Zinc	39.4	0.445	22.23	13.87	115	75	125				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **1401068-001B-MSD** SampType: **MSD** TestCode: **ICPSCAN_S** Units: **mg/Kg-dry** Prep Date: **1/22/2014** RunNo: **200**

Client ID: **BatchQC** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **3919**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	427	0.445	22.23	412.4	66.5	75	125	427.2	0.000520	20	S
Antimony	27.9	0.556	22.23	0.8513	122	75	125	27.87	0.265	20	
Arsenic	25.8	0.556	22.23	0	116	75	125	25.81	0.0129	20	
Barium	28.2	0.445	22.23	3.718	110	75	125	28.40	0.611	20	
Beryllium	22.2	0.445	22.23	0	99.9	75	125	22.26	0.258	20	
Cadmium	23.2	0.445	22.23	0.1853	103	75	125	23.13	0.105	20	
Calcium	130	0.556	22.23	88.11	189	75	125	136.3	4.68	20	S
Chromium	27.9	0.445	22.23	2.171	116	75	125	27.87	0.0646	20	
Cobalt	21.6	0.445	22.23	0	97.0	75	125	21.57	0.0296	20	
Copper	46.9	0.445	22.23	21.30	115	75	125	47.29	0.773	20	
Iron	696	0.445	22.23	677.9	80.0	75	125	693.0	0.397	20	
Lead	36.1	0.445	22.23	12.17	108	75	125	36.07	0.105	20	
Magnesium	147	0.445	22.23	122.3	113	75	125	147.3	0.0210	20	
Manganese	30.0	0.445	22.23	5.725	109	75	125	29.95	0.145	20	
Nickel	24.0	0.445	22.23	0.7349	105	75	125	23.92	0.219	20	
Potassium	278	0.556	222.3	75.45	91.1	75	125	279.7	0.646	20	
Selenium	23.7	0.556	22.23	0	107	75	125	23.61	0.316	20	
Silver	25.0	0.445	22.23	0	112	75	125	25.10	0.477	20	
Sodium	46.1	0.556	22.23	19.53	120	75	125	46.31	0.379	20	
Thallium	23.6	0.556	22.23	0	106	75	125	23.61	0.0706	20	
Vanadium	25.8	0.445	22.23	1.447	110	75	125	25.81	0.108	20	
Zinc	38.8	0.445	22.23	13.87	112	75	125	39.41	1.54	20	

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID	**MBS012214A**	SampType:	**MBLK**	TestCode:	**ICPSCAN_S**	Units:	**mg/Kg**	Prep Date:	**1/22/2014**	RunNo:	**223**
Client ID:	**PBS**	Batch ID:	**118**	TestNo:	**SW6010C**	**SW3050B**		Analysis Date:	**1/23/2014**	SeqNo:	**4119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.400									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.400									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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QC SUMMARY REPORT

WO#: **1401081**

28-Jan-14

Client: CA Rich Consultants Inc.

Project: 7 Whipple Street, Brooklyn, NY **TestCode:** **ICPSCAN_S**

Sample ID **LCSS012214A** SampType: **LCS** TestCode: **ICPSCAN_S** Units: **mg/Kg** Prep Date: **1/22/2014** RunNo: **223**

Client ID: **LCSS** Batch ID: **118** TestNo: **SW6010C** **SW3050B** Analysis Date: **1/23/2014** SeqNo: **4120**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	38.6	0.400	40.00	0	96.6	80	120				
Antimony	42.5	0.500	40.00	0	106	80	120				
Arsenic	41.1	0.500	40.00	0	103	80	120				
Barium	37.9	0.400	40.00	0	94.7	80	120				
Beryllium	37.3	0.400	40.00	0	93.3	80	120				
Cadmium	37.8	0.400	40.00	0	94.6	80	120				
Calcium	37.5	0.500	40.00	0	93.9	80	120				
Chromium	39.7	0.400	40.00	0	99.4	80	120				
Cobalt	36.5	0.400	40.00	0	91.2	80	120				
Copper	38.9	0.400	40.00	0	97.1	80	120				
Iron	38.4	0.400	40.00	0	96.0	80	120				
Lead	39.1	0.400	40.00	0	97.6	80	120				
Magnesium	37.7	0.400	40.00	0	94.2	80	120				
Manganese	38.0	0.400	40.00	0	95.1	80	120				
Nickel	37.0	0.400	40.00	0	92.6	80	120				
Potassium	377	0.500	400.0	0	94.4	80	120				
Selenium	38.1	0.500	40.00	0	95.3	80	120				
Silver	41.5	0.400	40.00	0	104	80	120				
Sodium	42.9	0.500	40.00	0	107	80	120				
Thallium	40.0	0.500	40.00	0	99.9	80	120				
Vanadium	37.3	0.400	40.00	0	93.2	80	120				
Zinc	39.0	0.400	40.00	0	97.6	80	120				

Qualifiers: R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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Sample Log-In Check List

Client Name: **CA RICH** Work Order Number: **1401081** RcptNo: **1**

Logged by:	**Cate Ferrara**	**1/17/2014 4:30:00 PM**	C Ferrara
Completed By:	**Cate Ferrara**	**1/20/2014**	C Ferrara
Reviewed By:	**Lori Beyer**	**1/20/2014**	Lori Beyer

Chain of Custody

1.	Is Chain of Custody complete?	Yes	☑	No ☐	Not Present	☐
2.	How was the sample delivered?	AAL Lab Courier				

Log In

3.	Coolers are present?	Yes	☑	No ☐	NA	☐
4.	Shipping container/cooler in good condition?	Yes	☑	No ☐		
	Custody seals intact on shipping container/cooler?	Yes	☐	No ☐	Not Present	☑
	No. Seal Date: Signed By:					
5.	Was an attempt made to cool the samples?	Yes	☑	No ☐	NA	☐
6.	Were all samples received at a temperature of >0° C to 6.0°C	Yes	☑	No ☐	NA	☐
7.	Sample(s) in proper container(s)?	Yes	☐	No ☑		
8.	Sufficient sample volume for indicated test(s)?	Yes	☑	No ☐		
9.	Are samples (except VOA and ONG) properly preserved?	Yes	☑	No ☐		
10.	Was preservative added to bottles?	Yes	☐	No ☑	NA	☐
11.	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?	Yes	☑	No ☐	No VOA Vials	☐
12.	Were any sample containers received broken?	Yes	☐	No ☑		
13.	Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes	☑	No ☐		
14.	Are matrices correctly identified on Chain of Custody?	Yes	☑	No ☐		
15.	Is it clear what analyses were requested?	Yes	☑	No ☐		
16.	Were all holding times able to be met? (If no, notify customer for authorization.)	Yes	☑	No ☐		

Special Handling (if applicable)

17.	Was client notified of all discrepancies with this order?	Yes	☐	No ☐	NA	☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

18. Additional remarks:

Samples were not collected according to Method 5035A.

Cooler Information

Cooler No	Temp ºC	Condition	Seal Intact	Seal No	Seal Date	Signed By

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Definition Only

WO#: **1401081**
Date: **1/27/2014**

Definitions:

Sample Result and QC Summary Qualifiers - Level I and Level II Reports

B - The analyte was detected in the associated method blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consier anything <10x the blank value as artifact.

E - The value is above the quantitation range

J - The analyte was detected below the limit of quantitation but greater than the established Limit of Detection (LOD). There is greater uncertainty associated with these results and data should be considered as estimated.

U - The compound was analyzed for but not detected.

H - Holding time for preparation or analysis has been exceeded.

S - Spike recovery is outside accepted recovery limits.

R - RPD is outside accepted recovery range.

P - Secondary column exceeds 40% difference for GC test.

* - Calibration exceeds method requirement. Due to the large number of analytes for organic testing, the method allows 10% of analytes to have %RSD and/or %D to be >20%.

LOD - Limit of Detection; the lowest level the analyte can be determined to be statistically different from a blank.

LOQ - Limit of Quantitation; the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accurary.

m - Analyte was manually integrated for GC/MS.

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NYSDOH	11418
CTDOH	PH-0205
NJDEP	NY050
PADEP	68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: Ca Rich Consultants, Inc
17 DuPont St
Plainview NY 11803

CONTACT: Jessica Proscia (516)576-8844

PROJECT LOCATION: 7 Whipple Street Brooklyn, NY

SAMPLER (SIGNATURE)

SAMPLER NAME (PRINT): Jessica Proscia

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

TEMPERATURE (° C): 4.1

LABORATORY ID# LAB USE ONLY	MATRIX/ TYPE	NO. OF CONTAINERS	SAMPLING DATE	SAMPLING TIME	SAMPLE # - LOCATION	VOC 8260	SVOC 8270	Pesticides 8081	PCB 8082	TAL Metals	TAL metals (Dissolved) (Field Filtered)	
1401081-001	S	2	1/16/14	9:11 am	SB-1 (2-4 ft)	X	X	X	X	X		1-2oz, 1-8oz
002	S	2	1/16/14	10:23am	SB-2 (2-4 ft)	X	X	X	X	X		
003	S	2	1/16/14	12 pm	SB-3 (6-8 ft)	X	X	X	X	X		
004	S	2	1/16/14	12:15	SB-4 (6-8 ft)	X	X	X	X	X		
005	S	2	1/16/14	12:17	SB-X	X	X	X	X	X		
006	W	6	1/17/14	11:45	MW-1	X	X	X	X		X	2-40ml HCL, 3-1L Amber, 1-250ml Unp.
007	W	6	1/17/14	1356	MW-2	X	X	X	X		X	
008	W	6	1/17/14	1356	MW-X	X	X	X	X		X	

COMMENTS / INSTRUCTIONS: Field Filtered

Samples must be on ICE (<6° C)

MATRIX S=SOIL; W=WATER; SL=SLUDGE; A=AIR; M=MISCELLANEOUS
TYPE G=GRAB; C=COMPOSITE

TURNAROUND REQUIRED: STANDARD ☐ (7-10 business days) STAT ☐ 5 Day BY /

E-MAIL ADDRESS FOR RESULTS: JProscia@CaRichInc.com

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	1/17/14 1630	Jessica Proscia		1/17/14 1630	Cate Ferrare
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

New Jersey
ACCUTEST
LABORATORIES

01/22/14

Technical Report for

C. A. Rich Consultants

Whipple Apartments, Whipple Street, Brooklyn, NY

Accutest Job Number: JB58146

Sampling Date: 01/17/14

Report to:

C. A. Rich Consultants
17 Dupont Street
Plainview, NY 11803
JProscia@CarichInc.com

ATTN: Jessica Proscia

Total number of pages in report: **485**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Matt Cordova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV, DoD ELAP (L-A-B L2248)

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Table of Contents

Sample Summary

C. A. Rich Consultants

Job No: JB58146

Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB58146-1	01/17/14	12:40	VW	01/18/14	AIR	Soil Vapor Comp.	SV-1
JB58146-2	01/17/14	13:10	VW	01/18/14	AIR	Soil Vapor Comp.	SV-2
JB58146-3	01/17/14	13:00	VW	01/18/14	AIR	Soil Vapor Comp.	SV-3
JB58146-4	01/17/14	12:30	VW	01/18/14	AIR	Soil Vapor Comp.	SV-4

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	C. A. Rich Consultants	**Job No**	JB58146
Site:	Whipple Apartments, Whipple Street, Brooklyn, NY	**Report Date**	1/22/2014 11:20:01 A

On 01/18/2014, 4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories. Samples were intact and chemically preserved, unless noted below. An Accutest Job Number of JB58146 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** V3W1466

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57857-1DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 4-Ethyltoluene are outside control limits for sample JB57857-1DUP.

Matrix: AIR **Batch ID:** V5W99

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB57931-4DUP were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Summary of Hits

Job Number: JB58146
Account: C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY
Collected: 01/17/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB58146-1	**SV-1**					
Acetone		3.1	0.80	0.14	ppbv	TO-15
Benzene		0.40 J	0.80	0.084	ppbv	TO-15
Dichlorodifluoromethane		0.53 J	0.80	0.062	ppbv	TO-15
Ethanol		5.8	2.0	0.74	ppbv	TO-15
Freon 113		0.58 J	0.80	0.082	ppbv	TO-15
Hexane		0.46 J	0.80	0.064	ppbv	TO-15
Methylene chloride		1.5	0.80	0.19	ppbv	TO-15
Toluene		0.61 J	0.80	0.081	ppbv	TO-15
Acetone		7.4	1.9	0.33	ug/m3	TO-15
Benzene		1.3 J	2.6	0.27	ug/m3	TO-15
Dichlorodifluoromethane		2.6 J	4.0	0.31	ug/m3	TO-15
Ethanol		11	3.8	1.4	ug/m3	TO-15
Freon 113		4.4 J	6.1	0.63	ug/m3	TO-15
Hexane		1.6 J	2.8	0.23	ug/m3	TO-15
Methylene chloride		5.2	2.8	0.66	ug/m3	TO-15
Toluene		2.3 J	3.0	0.31	ug/m3	TO-15
JB58146-2	**SV-2**					
Acetone		2.8	0.80	0.14	ppbv	TO-15
Chloromethane		0.59 J	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.54 J	0.80	0.062	ppbv	TO-15
Ethanol		3.4	2.0	0.74	ppbv	TO-15
Freon 113		1.5	0.80	0.082	ppbv	TO-15
Hexane		1.1	0.80	0.064	ppbv	TO-15
Methylene chloride		3.9	0.80	0.19	ppbv	TO-15
Tetrachloroethylene		0.18	0.16	0.12	ppbv	TO-15
Toluene		0.44 J	0.80	0.081	ppbv	TO-15
Acetone		6.7	1.9	0.33	ug/m3	TO-15
Chloromethane		1.2 J	1.7	0.27	ug/m3	TO-15
Dichlorodifluoromethane		2.7 J	4.0	0.31	ug/m3	TO-15
Ethanol		6.4	3.8	1.4	ug/m3	TO-15
Freon 113		11	6.1	0.63	ug/m3	TO-15
Hexane		3.9	2.8	0.23	ug/m3	TO-15
Methylene chloride		14	2.8	0.66	ug/m3	TO-15
Tetrachloroethylene		1.2	1.1	0.81	ug/m3	TO-15
Toluene		1.7 J	3.0	0.31	ug/m3	TO-15
JB58146-3	**SV-3**					
Acetone		3.3	0.80	0.14	ppbv	TO-15
Chloromethane		0.56 J	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.52 J	0.80	0.062	ppbv	TO-15

Summary of Hits

Job Number: JB58146
Account: C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY
Collected: 01/17/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethanol		5.8	2.0	0.74	ppbv	TO-15
Freon 113		0.81	0.80	0.082	ppbv	TO-15
Hexane		0.60 J	0.80	0.064	ppbv	TO-15
Isopropyl Alcohol		0.58 J	0.80	0.15	ppbv	TO-15
Methylene chloride		1.8	0.80	0.19	ppbv	TO-15
Tetrachloroethylene		0.20	0.16	0.12	ppbv	TO-15
Toluene		0.41 J	0.80	0.081	ppbv	TO-15
Acetone		7.8	1.9	0.33	ug/m3	TO-15
Chloromethane		1.2 J	1.7	0.27	ug/m3	TO-15
Dichlorodifluoromethane		2.6 J	4.0	0.31	ug/m3	TO-15
Ethanol		11	3.8	1.4	ug/m3	TO-15
Freon 113		6.2	6.1	0.63	ug/m3	TO-15
Hexane		2.1 J	2.8	0.23	ug/m3	TO-15
Isopropyl Alcohol		1.4 J	2.0	0.37	ug/m3	TO-15
Methylene chloride		6.3	2.8	0.66	ug/m3	TO-15
Tetrachloroethylene		1.4	1.1	0.81	ug/m3	TO-15
Toluene		1.5 J	3.0	0.31	ug/m3	TO-15
JB58146-4	**SV-4**					
Acetone		10.4	0.80	0.14	ppbv	TO-15
Benzene		0.64 J	0.80	0.084	ppbv	TO-15
Chloromethane		0.49 J	0.80	0.13	ppbv	TO-15
Dichlorodifluoromethane		0.85	0.80	0.062	ppbv	TO-15
Ethanol		4.6	2.0	0.74	ppbv	TO-15
Freon 113		0.60 J	0.80	0.082	ppbv	TO-15
Heptane		1.4	0.80	0.078	ppbv	TO-15
Hexane		2.2	0.80	0.064	ppbv	TO-15
Isopropyl Alcohol		0.68 J	0.80	0.15	ppbv	TO-15
Methylene chloride		2.3	0.80	0.19	ppbv	TO-15
Methyl ethyl ketone		0.59 J	0.80	0.23	ppbv	TO-15
Propylene		4.9	2.0	0.13	ppbv	TO-15
Tetrachloroethylene		0.30	0.16	0.12	ppbv	TO-15
Toluene		2.4	0.80	0.081	ppbv	TO-15
m,p-Xylene		0.69 J	0.80	0.13	ppbv	TO-15
Xylenes (total)		0.69 J	0.80	0.077	ppbv	TO-15
Acetone		24.7	1.9	0.33	ug/m3	TO-15
Benzene		2.0 J	2.6	0.27	ug/m3	TO-15
Chloromethane		1.0 J	1.7	0.27	ug/m3	TO-15
Dichlorodifluoromethane		4.2	4.0	0.31	ug/m3	TO-15
Ethanol		8.7	3.8	1.4	ug/m3	TO-15
Freon 113		4.6 J	6.1	0.63	ug/m3	TO-15
Heptane		5.7	3.3	0.32	ug/m3	TO-15
Hexane		7.8	2.8	0.23	ug/m3	TO-15
Isopropyl Alcohol		1.7 J	2.0	0.37	ug/m3	TO-15

Summary of Hits

Job Number: JB58146
Account: C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY
Collected: 01/17/14

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Methylene chloride	8.0	2.8	0.66	ug/m3	TO-15
Methyl ethyl ketone	1.7 J	2.4	0.68	ug/m3	TO-15
Propylene	8.4	3.4	0.22	ug/m3	TO-15
Tetrachloroethylene	2.0	1.1	0.81	ug/m3	TO-15
Toluene	9.0	3.0	0.31	ug/m3	TO-15
m,p-Xylene	3.0 J	3.5	0.56	ug/m3	TO-15
Xylenes (total)	3.0 J	3.5	0.33	ug/m3	TO-15

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Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JB58146-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A1060
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W2475.D	1	01/19/14	ML	n/a	n/a	V5W99
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	3.1	0.80	0.14	ppbv		7.4	1.9	0.33	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.078	ppbv		ND	1.8	0.17	ug/m3
71-43-2	78.11	Benzene	0.40	0.80	0.084	ppbv	J	1.3	2.6	0.27	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.099	ppbv		ND	5.4	0.66	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.086	ppbv		ND	8.3	0.89	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.069	ppbv		ND	3.1	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.057	ppbv		ND	3.5	0.25	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.099	ppbv		ND	4.1	0.51	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.069	ppbv		ND	2.5	0.21	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.10	ppbv		ND	3.7	0.46	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.082	ppbv		ND	2.1	0.22	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.074	ppbv		ND	3.9	0.36	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.13	ppbv		ND	1.7	0.27	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.080	ppbv		ND	4.1	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.045	ppbv		ND	5.0	0.28	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.23	ppbv		ND	2.8	0.79	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	0.85	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.16	ppbv		ND	3.7	0.74	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.24	ppbv		ND	2.9	0.86	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.53	0.80	0.062	ppbv	J	2.6	4.0	0.31	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.12	ppbv		ND	6.8	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.059	ppbv		ND	3.2	0.23	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.074	ppbv		ND	3.6	0.34	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.099	ppbv		ND	4.8	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.086	ppbv		ND	4.8	0.52	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.084	ppbv		ND	3.6	0.38	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-1
Lab Sample ID: JB58146-1
Matrix: AIR - Soil Vapor Comp. Summa ID: A1060
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	5.8	2.0	0.74	ppbv		11	3.8	1.4	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.23	ppbv		ND	2.9	0.83	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
76-13-1	187.4	Freon 113	0.58	0.80	0.082	ppbv	J	4.4	6.1	0.63	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.085	ppbv		ND	5.6	0.59	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.078	ppbv		ND	3.3	0.32	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.17	Hexane	0.46	0.80	0.064	ppbv	J	1.6	2.8	0.23	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.098	ppbv		ND	3.3	0.40	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.15	ppbv		ND	2.0	0.37	ug/m3
75-09-2	84.94	Methylene chloride	1.5	0.80	0.19	ppbv		5.2	2.8	0.66	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.23	ppbv		ND	2.4	0.68	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.068	ppbv		ND	2.9	0.25	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.16	ppbv		ND	3.3	0.66	ug/m3
115-07-1	42	Propylene	ND	2.0	0.13	ppbv		ND	3.4	0.22	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.079	ppbv		ND	3.4	0.34	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.066	ppbv		ND	4.4	0.36	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.32	ppbv		ND	5.9	2.4	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.066	ppbv		ND	3.9	0.32	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.084	ppbv		ND	3.7	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.18	ppbv		ND	2.4	0.55	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.12	ppbv		ND	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.18	ppbv		ND	2.4	0.53	ug/m3
108-88-3	92.14	Toluene	0.61	0.80	0.081	ppbv	J	2.3	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.078	ppbv		ND	0.86	0.42	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.055	ppbv		ND	4.5	0.31	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.068	ppbv		ND	2.0	0.17	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	0.81	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.13	ppbv		ND	3.5	0.56	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JB58146-2
Matrix: AIR - Soil Vapor Comp. Summa ID: A1069
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W2476.D	1	01/19/14	ML	n/a	n/a	V5W99
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	2.8	0.80	0.14	ppbv		6.7	1.9	0.33	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.078	ppbv		ND	1.8	0.17	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.084	ppbv		ND	2.6	0.27	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.099	ppbv		ND	5.4	0.66	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.086	ppbv		ND	8.3	0.89	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.069	ppbv		ND	3.1	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.057	ppbv		ND	3.5	0.25	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.099	ppbv		ND	4.1	0.51	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.069	ppbv		ND	2.5	0.21	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.10	ppbv		ND	3.7	0.46	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.082	ppbv		ND	2.1	0.22	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.074	ppbv		ND	3.9	0.36	ug/m3
74-87-3	50.49	Chloromethane	0.59	0.80	0.13	ppbv	J	1.2	1.7	0.27	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.080	ppbv		ND	4.1	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.045	ppbv		ND	5.0	0.28	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.23	ppbv		ND	2.8	0.79	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	0.85	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.16	ppbv		ND	3.7	0.74	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.24	ppbv		ND	2.9	0.86	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.54	0.80	0.062	ppbv	J	2.7	4.0	0.31	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.12	ppbv		ND	6.8	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.059	ppbv		ND	3.2	0.23	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.074	ppbv		ND	3.6	0.34	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.099	ppbv		ND	4.8	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.086	ppbv		ND	4.8	0.52	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.084	ppbv		ND	3.6	0.38	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-2
Lab Sample ID: JB58146-2
Matrix: AIR - Soil Vapor Comp. Summa ID: A1069
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.4	2.0	0.74	ppbv		6.4	3.8	1.4	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.23	ppbv		ND	2.9	0.83	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
76-13-1	187.4	Freon 113	1.5	0.80	0.082	ppbv		11	6.1	0.63	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.085	ppbv		ND	5.6	0.59	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.078	ppbv		ND	3.3	0.32	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.17	Hexane	1.1	0.80	0.064	ppbv		3.9	2.8	0.23	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.098	ppbv		ND	3.3	0.40	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	0.80	0.15	ppbv		ND	2.0	0.37	ug/m3
75-09-2	84.94	Methylene chloride	3.9	0.80	0.19	ppbv		14	2.8	0.66	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.23	ppbv		ND	2.4	0.68	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.068	ppbv		ND	2.9	0.25	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.16	ppbv		ND	3.3	0.66	ug/m3
115-07-1	42	Propylene	ND	2.0	0.13	ppbv		ND	3.4	0.22	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.079	ppbv		ND	3.4	0.34	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.066	ppbv		ND	4.4	0.36	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.32	ppbv		ND	5.9	2.4	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.066	ppbv		ND	3.9	0.32	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.084	ppbv		ND	3.7	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.18	ppbv		ND	2.4	0.55	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.18	0.16	0.12	ppbv		1.2	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.18	ppbv		ND	2.4	0.53	ug/m3
108-88-3	92.14	Toluene	0.44	0.80	0.081	ppbv	J	1.7	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.078	ppbv		ND	0.86	0.42	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.055	ppbv		ND	4.5	0.31	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.068	ppbv		ND	2.0	0.17	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	0.81	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.13	ppbv		ND	3.5	0.56	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: SV-3
Lab Sample ID: JB58146-3
Matrix: AIR - Soil Vapor Comp. Summa ID: A042
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5W2477.D	1	01/19/14	ML	n/a	n/a	V5W99
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	3.3	0.80	0.14	ppbv		7.8	1.9	0.33	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.078	ppbv		ND	1.8	0.17	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.084	ppbv		ND	2.6	0.27	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.099	ppbv		ND	5.4	0.66	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.086	ppbv		ND	8.3	0.89	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.069	ppbv		ND	3.1	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.057	ppbv		ND	3.5	0.25	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.099	ppbv		ND	4.1	0.51	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.069	ppbv		ND	2.5	0.21	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.10	ppbv		ND	3.7	0.46	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.082	ppbv		ND	2.1	0.22	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.074	ppbv		ND	3.9	0.36	ug/m3
74-87-3	50.49	Chloromethane	0.56	0.80	0.13	ppbv	J	1.2	1.7	0.27	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.080	ppbv		ND	4.1	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.045	ppbv		ND	5.0	0.28	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.23	ppbv		ND	2.8	0.79	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	0.85	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.16	ppbv		ND	3.7	0.74	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.24	ppbv		ND	2.9	0.86	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.52	0.80	0.062	ppbv	J	2.6	4.0	0.31	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.12	ppbv		ND	6.8	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.059	ppbv		ND	3.2	0.23	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.074	ppbv		ND	3.6	0.34	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.099	ppbv		ND	4.8	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.086	ppbv		ND	4.8	0.52	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.084	ppbv		ND	3.6	0.38	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV-3		
Lab Sample ID:	JB58146-3	**Date Sampled:**	01/17/14
Matrix:	AIR - Soil Vapor Comp. Summa ID: A042	**Date Received:**	01/18/14
Method:	TO-15	**Percent Solids:**	n/a
Project:	Whipple Apartments, Whipple Street, Brooklyn, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	5.8	2.0	0.74	ppbv		11	3.8	1.4	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.23	ppbv		ND	2.9	0.83	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
76-13-1	187.4	Freon 113	0.81	0.80	0.082	ppbv		6.2	6.1	0.63	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.085	ppbv		ND	5.6	0.59	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.078	ppbv		ND	3.3	0.32	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.17	Hexane	0.60	0.80	0.064	ppbv	J	2.1	2.8	0.23	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.098	ppbv		ND	3.3	0.40	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.58	0.80	0.15	ppbv	J	1.4	2.0	0.37	ug/m3
75-09-2	84.94	Methylene chloride	1.8	0.80	0.19	ppbv		6.3	2.8	0.66	ug/m3
78-93-3	72.11	Methyl ethyl ketone	ND	0.80	0.23	ppbv		ND	2.4	0.68	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.068	ppbv		ND	2.9	0.25	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.16	ppbv		ND	3.3	0.66	ug/m3
115-07-1	42	Propylene	ND	2.0	0.13	ppbv		ND	3.4	0.22	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.079	ppbv		ND	3.4	0.34	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.066	ppbv		ND	4.4	0.36	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.32	ppbv		ND	5.9	2.4	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.066	ppbv		ND	3.9	0.32	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.084	ppbv		ND	3.7	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.18	ppbv		ND	2.4	0.55	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.20	0.16	0.12	ppbv		1.4	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.18	ppbv		ND	2.4	0.53	ug/m3
108-88-3	92.14	Toluene	0.41	0.80	0.081	ppbv	J	1.5	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.078	ppbv		ND	0.86	0.42	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.055	ppbv		ND	4.5	0.31	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.068	ppbv		ND	2.0	0.17	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	0.81	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.13	ppbv		ND	3.5	0.56	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID: SV-4
Lab Sample ID: JB58146-4
Matrix: AIR - Soil Vapor Comp. Summa ID: A347
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3W38402.D	1	01/21/14	YMH	n/a	n/a	V3W1466
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	10.4	0.80	0.14	ppbv		24.7	1.9	0.33	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.078	ppbv		ND	1.8	0.17	ug/m3
71-43-2	78.11	Benzene	0.64	0.80	0.084	ppbv	J	2.0	2.6	0.27	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.80	0.099	ppbv		ND	5.4	0.66	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	0.086	ppbv		ND	8.3	0.89	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.069	ppbv		ND	3.1	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.057	ppbv		ND	3.5	0.25	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.099	ppbv		ND	4.1	0.51	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.80	0.069	ppbv		ND	2.5	0.21	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.10	ppbv		ND	3.7	0.46	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.082	ppbv		ND	2.1	0.22	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.074	ppbv		ND	3.9	0.36	ug/m3
74-87-3	50.49	Chloromethane	0.49	0.80	0.13	ppbv	J	1.0	1.7	0.27	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.11	ppbv		ND	2.5	0.34	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.080	ppbv		ND	4.1	0.41	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.045	ppbv		ND	5.0	0.28	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.23	ppbv		ND	2.8	0.79	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	0.084	ppbv		ND	3.2	0.33	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.80	0.11	ppbv		ND	6.1	0.85	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.066	ppbv		ND	3.2	0.27	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.16	ppbv		ND	3.7	0.74	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.24	ppbv		ND	2.9	0.86	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.85	0.80	0.062	ppbv		4.2	4.0	0.31	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.80	0.12	ppbv		ND	6.8	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.059	ppbv		ND	3.2	0.23	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.11	ppbv		ND	3.2	0.44	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.074	ppbv		ND	3.6	0.34	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.80	0.099	ppbv		ND	4.8	0.60	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	0.12	ppbv		ND	4.8	0.72	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.80	0.086	ppbv		ND	4.8	0.52	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.084	ppbv		ND	3.6	0.38	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV-4
Lab Sample ID: JB58146-4
Matrix: AIR - Soil Vapor Comp. Summa ID: A347
Method: TO-15
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Date Sampled: 01/17/14
Date Received: 01/18/14
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.6	2.0	0.74	ppbv		8.7	3.8	1.4	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.081	ppbv		ND	3.5	0.35	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.80	0.23	ppbv		ND	2.9	0.83	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
76-13-1	187.4	Freon 113	0.60	0.80	0.082	ppbv	J	4.6	6.1	0.63	ug/m3
76-14-2	170.9	Freon 114	ND	0.80	0.085	ppbv		ND	5.6	0.59	ug/m3
142-82-5	100.2	Heptane	1.4	0.80	0.078	ppbv		5.7	3.3	0.32	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	2.7	ug/m3
110-54-3	86.17	Hexane	2.2	0.80	0.064	ppbv		7.8	2.8	0.23	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.098	ppbv		ND	3.3	0.40	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.68	0.80	0.15	ppbv	J	1.7	2.0	0.37	ug/m3
75-09-2	84.94	Methylene chloride	2.3	0.80	0.19	ppbv		8.0	2.8	0.66	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.59	0.80	0.23	ppbv	J	1.7	2.4	0.68	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.12	ppbv		ND	3.3	0.49	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.068	ppbv		ND	2.9	0.25	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.16	ppbv		ND	3.3	0.66	ug/m3
115-07-1	42	Propylene	4.9	2.0	0.13	ppbv		8.4	3.4	0.22	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.079	ppbv		ND	3.4	0.34	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.80	0.066	ppbv		ND	4.4	0.36	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.80	0.12	ppbv		ND	5.5	0.82	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.80	0.12	ppbv		ND	4.4	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.80	0.32	ppbv		ND	5.9	2.4	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.80	0.066	ppbv		ND	3.9	0.32	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.80	0.060	ppbv		ND	3.9	0.29	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.084	ppbv		ND	3.7	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.80	0.18	ppbv		ND	2.4	0.55	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.30	0.16	0.12	ppbv		2.0	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.18	ppbv		ND	2.4	0.53	ug/m3
108-88-3	92.14	Toluene	2.4	0.80	0.081	ppbv		9.0	3.0	0.31	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.078	ppbv		ND	0.86	0.42	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.80	0.055	ppbv		ND	4.5	0.31	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	0.068	ppbv		ND	2.0	0.17	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.23	ppbv		ND	2.8	0.81	ug/m3
	106.2	m,p-Xylene	0.69	0.80	0.13	ppbv	J	3.0	3.5	0.56	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.077	ppbv		ND	3.5	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	0.69	0.80	0.077	ppbv	J	3.0	3.5	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		65-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log
- Sample Tracking Chronicle
- Internal Chain of Custody
- 2013 MDL Study - Method: TO-15

7976 4138 2474

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Air Sampling Field Data Sheet

FED-EX Tracking # 7976 4138 2485 | Bottle Order Control # NYC-1/9/2014-9 | PAGE 1 OF 1

Lab Quote # | Lab Job # JB58146

Client / Reporting Information

Company Name: CARichIX
Address: 17 Dupont Street
City: Plainview State: NY Zip: 11803
Project Contact: S. Rosciano E-mail: JRosciano@CARichinc.com
Phone #: 5165163844 Fax #: (516)676-0095
Sampler(s) Name(s)

Project Name: Whipple Apartments
Street: Whipple Street
City: Brooklyn State: NY
Project #
Client Purchase Order #

Weather Parameters

Temperature (Fahrenheit)
Start: Maximum:
Stop Minimum:
Atmoshpheric Pressure (inches of Hg)
Start: Maximum:
Stop: Minimum:
Other weather comment:

Requested Analysis

Standard TO-15 Reporting List

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List
-1	SV-1	SV	1060	6L	479	1/17/14	1000	-30		VW	1/17/14	1240	-4		VW	X
-2	SV-2	SV	1069	6L	382	1/17/14	1030	-30		VW	1/17/14	1310	-4		VW	X
-3	SV-3	SV	0426	6L	679	1/17/14	0950	-28		VW	1/17/14	1300	-4		VW	X
-4	SV-4	SV	347	6L	629	1/17/14	940	-29		VW	1/17/14	1230	-4		VW	X

Turnaround Time (Business days)

Standard - 15 Days
10 Day
5 Day 4 Days
3 Day
2 Day
1 Day
Other

Approved By:
Date:

Data Deliverable Information

All NJDEP TO-15 is mandatory Full T1
Comm A
Comm B
Reduced T2
Full T1
Other:

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Laboratory:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Ray Mawson	1/13/14 16:00		2		FX
3	FX	1/13/14 10:15		4		
5				Custody Seal #	947, 945	

B Dom

4 Bons

JB58146: Chain of Custody
Page 1 of 3

Unused Summa Return Form

Job# JB58146
(REQUIRED)

Client Lorich INC **Office**
Project Whipple Apartments

#Summas 1 **#Flow Controllers** 1

Summa#'s -5 A343 **FC#s** FL 683

Rec'd By _____ **Rec'd Date/Time** 1/18 10.15

Rec'd via Fed Ex
(Attach any client paperwork, documentation, or airbills if available)

Notes

5.1 5

JB58146: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB58146 **Client:** **Project:**

Date / Time Received: 1/18/2014 **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted):

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:			
3. Cooler media:			
4. No. Coolers:	0		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:732.329.0200

2235 US Highway 130
F: 732.329.3499

Dayton, New Jersey
www/accutest.com

JB58146: Chain of Custody
Page 3 of 3

Summa Canister and Flow Controller Log

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY
Received: 01/18/14

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A1060	6	29.4	01/13/14	RC	CP6700	3W38132.D	JB58146-1	01/18/14	ML	0			1
A1069	6	29.4	01/13/14	RC	CP6700	3W38132.D	JB58146-2	01/18/14	ML	2			1
A042	6	29.4	01/13/14	RC	CP6700	3W38132.D	JB58146-3	01/18/14	ML	1			1
A347	6	29.4	01/13/14	RC	CP6700	3W38132.D	JB58146-4	01/18/14	ML	3			1

FLOW CONTROLLERS / OTHER

Shipping					Receiving			
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Equipment Type
FC382	01/13/14	RC	37.5	2	01/20/14	FZ	37.8	Flow Controller
FC479	01/13/14	RC	37.5	2	01/20/14	FZ	37.3	Flow Controller
FC629	01/13/14	RC	37.5	2	01/20/14	FZ	37.8	Flow Controller
FC679	01/13/14	RC	37.5	2	01/20/14	FZ	38	Flow Controller
FC683	01/13/14	RC	37.5	2	01/20/14	FZ	39.2	Flow Controller

Accutest Bottle Order(s):
MC-1/9/2014-9

Prep Date	Room Temp(F)	Bar Pres "Hg
01/13/14	70	29.92

Internal Sample Tracking Chronicle

C. A. Rich Consultants

Job No: JB58146

Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JB58146-1 SV-1	Collected: 17-JAN-14 12:40 By: VW		Received: 18-JAN-14 By: OS			
JB58146-1	TO-15	19-JAN-14 00:38	ML			VTO15STD
JB58146-2 SV-2	Collected: 17-JAN-14 13:10 By: VW		Received: 18-JAN-14 By: OS			
JB58146-2	TO-15	19-JAN-14 01:22	ML			VTO15STD
JB58146-3 SV-3	Collected: 17-JAN-14 13:00 By: VW		Received: 18-JAN-14 By: OS			
JB58146-3	TO-15	19-JAN-14 02:06	ML			VTO15STD
JB58146-4 SV-4	Collected: 17-JAN-14 12:30 By: VW		Received: 18-JAN-14 By: OS			
JB58146-4	TO-15	21-JAN-14 00:44	YMH			VTO15STD

Accutest Internal Chain of Custody

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY
Received: 01/18/14

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JB58146-1.1	Omkar Shivaprasad	Air Storage	01/18/14 11:15	Return to Storage
JB58146-1.1	Air Storage	Michael Lee	01/18/14 17:12	Retrieve from Storage
JB58146-1.1	Michael Lee	GCMS5W	01/18/14 17:12	Load on Instrument
JB58146-1.1	GCMS5W	Youmin Hu	01/20/14 13:06	Unload from Instrument
JB58146-1.1	Youmin Hu	Air Storage	01/20/14 13:06	Return to Storage
JB58146-2.1	Omkar Shivaprasad	Air Storage	01/18/14 11:15	Return to Storage
JB58146-2.1	Air Storage	Michael Lee	01/18/14 17:12	Retrieve from Storage
JB58146-2.1	Michael Lee	GCMS5W	01/18/14 17:12	Load on Instrument
JB58146-2.1	GCMS5W	Youmin Hu	01/20/14 13:06	Unload from Instrument
JB58146-2.1	Youmin Hu	Air Storage	01/20/14 13:06	Return to Storage
JB58146-3.1	Omkar Shivaprasad	Air Storage	01/18/14 11:15	Return to Storage
JB58146-3.1	Air Storage	Michael Lee	01/18/14 17:12	Retrieve from Storage
JB58146-3.1	Michael Lee	GCMS5W	01/18/14 17:12	Load on Instrument
JB58146-3.1	GCMS5W	Youmin Hu	01/20/14 13:06	Unload from Instrument
JB58146-3.1	Youmin Hu	Air Storage	01/20/14 13:06	Return to Storage
JB58146-4.1	Omkar Shivaprasad	Air Storage	01/18/14 11:15	Return to Storage
JB58146-4.1	Air Storage	Michael Lee	01/18/14 17:12	Retrieve from Storage
JB58146-4.1	Michael Lee	GCMS5W	01/18/14 17:12	Load on Instrument
JB58146-4.1	GCMS5W	Youmin Hu	01/20/14 13:06	Unload from Instrument
JB58146-4.1	Youmin Hu	Air Storage	01/20/14 13:06	Return to Storage

Accutest Laboratories Annual Method Detection Limit Determination
Dayton, NJ Facility

Method: TO-15 (VTO14/15)
Instrument(s): GCMSW, GCMS2W, GCMS3W
Analyst: Pooled

Matrix: AIR
Quant Factor: 1.00
Study Period: April,2013

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ppbv	R1 ppbv	R2 ppbv	R3 ppbv	R4 ppbv	R5 ppbv	R6 ppbv	R7 ppbv	X-Bar ppbv	X-Bar %Recov.	STD.Dev. ppbv	MDL	Spike/MDL Ratio
Acetone	19-Apr-13	0.1	0.09	0.07	0.07	0.08	0.07	0.09	0.10	0.08	83.19	0.011	0.034	2.93
Acrolein	21-Feb-13	0.2	0.28	0.22	0.27	0.27	0.27	0.25	0.27	0.26	130.56	0.021	0.066	3.02
Acrylonitrile	21-Feb-13	0.1	0.12	0.13	0.13	0.09	0.08	0.13	0.12	0.11	113.93	0.023	0.071	1.41
Acetonitrile	18-Apr-13	0.2	0.24	0.24	0.30	0.26	0.30	0.28	0.22	0.26	131.05	0.031	0.096	2.08
1,3-Butadiene	31-Jan-13	0.1	0.10	0.11	0.11	0.10	0.10	0.11	0.11	0.11	106.22	0.006	0.020	5.12
Benzene	21-Feb-13	0.1	0.11	0.11	0.12	0.11	0.12	0.11	0.12	0.11	112.90	0.007	0.021	4.75
Bromobenzene	21-Feb-13	0.1	0.11	0.10	0.11	0.11	0.12	0.10	0.11	0.11	110.24	0.007	0.022	4.64
Bromodichloromethane	21-Feb-13	0.1	0.13	0.11	0.13	0.12	0.13	0.13	0.13	0.13	125.27	0.008	0.025	4.05
Bromoform	18-Apr-13	0.2	0.22	0.23	0.24	0.23	0.24	0.23	0.24	0.23	116.13	0.007	0.022	9.31
Bromomethane	21-Feb-13	0.1	0.12	0.11	0.12	0.11	0.12	0.12	0.12	0.12	117.09	0.006	0.017	5.82
Bromoethene	21-Feb-13	0.1	0.10	0.10	0.10	0.10	0.11	0.10	0.10	0.10	100.96	0.005	0.014	6.98
n-Butane	30-Jan-13	0.2	0.19	0.20	0.18	0.23	0.18	0.19	0.18	0.19	96.02	0.018	0.056	3.58
Benzyl Chloride	18-Apr-13	0.2	0.20	0.21	0.19	0.20	0.21	0.20	0.20	0.20	100.79	0.008	0.025	8.10
n-Butylbenzene	18-Apr-13	0.2	0.16	0.16	0.15	0.16	0.15	0.13	0.16	0.15	76.64	0.012	0.036	5.50
sec-Butylbenzene	31-Jan-13	0.1	0.07	0.05	0.06	0.06	0.05	0.06	0.07	0.06	61.01	0.009	0.027	3.69
tert-Butylbenzene	31-Jan-13	0.1	0.08	0.06	0.06	0.07	0.06	0.07	0.08	0.07	68.26	0.008	0.024	4.21
Carbon disulfide	18-Apr-13	0.2	0.29	0.30	0.30	0.29	0.29	0.29	0.29	0.29	146.42	0.006	0.017	11.58
Chlorobenzene	21-Feb-13	0.1	0.14	0.12	0.13	0.13	0.15	0.13	0.14	0.14	135.36	0.008	0.025	3.94
Chlorodifluoromethane	18-Apr-13	0.2	0.31	0.28	0.32	0.30	0.32	0.31	0.31	0.31	153.78	0.013	0.040	4.96
Chloroethane	21-Feb-13	0.1	0.11	0.10	0.11	0.10	0.11	0.11	0.11	0.11	109.34	0.007	0.020	4.91
Chloroform	30-Jan-13	0.2	0.20	0.21	0.21	0.21	0.21	0.21	0.22	0.21	106.44	0.006	0.019	10.82
Chloromethane	31-Jan-13	0.1	0.08	0.07	0.09	0.07	0.07	0.06	0.06	0.07	72.77	0.011	0.034	2.98
3-Chloropropene	30-Jan-13	0.2	0.21	0.20	0.19	0.21	0.19	0.21	0.20	0.20	100.00	0.009	0.028	7.28
2-Chlorotoluene	19-Apr-13	0.1	0.10	0.09	0.09	0.09	0.10	0.09	0.09	0.09	93.45	0.006	0.020	5.03
Carbon tetrachloride	19-Apr-13	0.1	0.11	0.11	0.11	0.11	0.11	0.11	0.10	0.11	108.87	0.004	0.011	8.85
Cyclohexane	21-Feb-13	0.2	0.23	0.24	0.24	0.25	0.26	0.25	0.29	0.25	126.23	0.019	0.058	3.43
1,1-Dichloroethane	19-Apr-13	0.1	0.13	0.11	0.13	0.12	0.12	0.13	0.12	0.12	122.22	0.005	0.016	6.09
1,1-Dichloroethylene	19-Apr-13	0.1	0.11	0.12	0.11	0.12	0.12	0.12	0.11	0.12	115.59	0.007	0.021	4.73
1,2-Dibromoethane	21-Feb-13	0.1	0.12	0.10	0.12	0.11	0.13	0.12	0.12	0.12	116.96	0.009	0.027	3.68
1,2-Dichloroethane	30-Jan-13	0.2	0.22	0.22	0.21	0.22	0.22	0.21	0.23	0.22	109.25	0.005	0.016	12.17
1,2-Dichloropropane	21-Feb-13	0.1	0.12	0.11	0.13	0.11	0.15	0.14	0.12	0.13	125.91	0.013	0.040	2.52

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: TO-15 (VTO14/15)
Instrument(s): GCMSW, GCMS2W, GCMS3W
Analyst: Pooled

Matrix: AIR
Quant Factor: 1.00
Study Period: April,2013

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ppbv	R1 ppbv	R2 ppbv	R3 ppbv	R4 ppbv	R5 ppbv	R6 ppbv	R7 ppbv	X-Bar ppbv	X-Bar %Recov.	STD.Dev. ppbv	MDL	Spike/MDL Ratio
1,4-Dioxane	21-Feb-13	0.1	0.10	0.09	0.08	0.13	0.09	0.07	0.07	0.09	90.98	0.019	0.060	1.66
Dichlorodifluoromethane	21-Feb-13	0.1	0.11	0.10	0.11	0.10	0.11	0.11	0.11	0.11	105.96	0.005	0.015	6.51
Dibromochloromethane	21-Feb-13	0.1	0.13	0.11	0.13	0.12	0.13	0.12	0.14	0.13	126.06	0.009	0.029	3.46
Dibromomethane	21-Feb-13	0.1	0.13	0.12	0.13	0.13	0.13	0.12	0.14	0.13	127.38	0.007	0.021	4.80
trans-1,2-Dichloroethylene	21-Feb-13	0.1	0.10	0.10	0.11	0.09	0.10	0.10	0.10	0.10	98.77	0.005	0.015	6.77
cis-1,2-Dichloroethylene	21-Feb-13	0.1	0.10	0.09	0.12	0.10	0.11	0.10	0.11	0.10	103.82	0.009	0.028	3.63
cis-1,3-Dichloropropene	30-Jan-13	0.2	0.19	0.20	0.19	0.21	0.19	0.19	0.20	0.20	97.56	0.006	0.019	10.75
m-Dichlorobenzene	21-Feb-13	0.1	0.10	0.10	0.10	0.09	0.11	0.08	0.11	0.10	98.82	0.008	0.025	4.04
o-Dichlorobenzene	21-Feb-13	0.1	0.11	0.11	0.10	0.10	0.11	0.09	0.11	0.10	102.97	0.009	0.029	3.42
p-Dichlorobenzene	31-Jan-13	0.1	0.09	0.08	0.09	0.08	0.08	0.09	0.10	0.09	85.30	0.007	0.022	4.63
trans-1,3-Dichloropropene	21-Feb-13	0.1	0.09	0.09	0.08	0.08	0.09	0.07	0.08	0.08	84.19	0.007	0.021	4.74
Di-Isopropyl ether	31-Jan-13	0.1	0.10	0.09	0.10	0.10	0.09	0.10	0.10	0.10	95.99	0.005	0.015	6.68
2,3-Dimethylpentane	18-Apr-13	0.2	0.31	0.30	0.32	0.31	0.33	0.33	0.32	0.32	158.05	0.009	0.030	6.79
2,4-Dimethylpentane	21-Feb-13	0.2	0.16	0.17	0.17	0.16	0.15	0.15	0.17	0.16	80.12	0.007	0.021	9.49
Ethanol	30-Jan-13	0.2	0.41	0.35	0.34	0.31	0.27	0.24	0.28	0.31	156.88	0.059	0.186	1.07
Ethylbenzene	21-Feb-13	0.1	0.10	0.09	0.10	0.09	0.11	0.09	0.10	0.10	95.68	0.006	0.020	4.94
Ethyl Acetate	30-Jan-13	0.2	0.19	0.19	0.17	0.20	0.18	0.15	0.20	0.18	91.70	0.018	0.057	3.50
4-Ethyltoluene	21-Feb-13	0.1	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	68.03	0.005	0.015	6.64
Freon 113	18-Apr-13	0.2	0.25	0.26	0.25	0.25	0.27	0.25	0.26	0.26	128.25	0.007	0.021	9.69
Freon 114	18-Apr-13	0.2	0.28	0.30	0.29	0.29	0.30	0.29	0.30	0.29	146.69	0.007	0.021	9.45
Freon 123	21-Feb-13	0.1	0.12	0.11	0.12	0.12	0.13	0.11	0.12	0.12	118.87	0.007	0.021	4.71
Freon 123A	21-Feb-13	0.1	0.12	0.12	0.13	0.12	0.13	0.12	0.13	0.12	122.12	0.005	0.016	6.21
Freon 152A	21-Feb-13	0.2	0.31	0.29	0.29	0.27	0.28	0.28	0.31	0.29	145.63	0.017	0.055	3.66
Heptane	21-Feb-13	0.1	0.10	0.08	0.09	0.08	0.09	0.09	0.09	0.09	86.98	0.006	0.020	5.10
Hexachlorobutadiene	21-Feb-13	0.1	0.15	0.15	0.15	0.15	0.18	0.14	0.19	0.16	159.49	0.020	0.063	1.60
Hexachloroethane	19-Apr-13	0.1	0.14	0.14	0.12	0.14	0.13	0.15	0.12	0.13	132.99	0.012	0.036	2.77
Hexane	30-Jan-13	0.2	0.21	0.21	0.20	0.22	0.20	0.21	0.22	0.21	105.03	0.005	0.016	12.54
2-Hexanone	21-Feb-13	0.1	0.05	0.05	0.05	0.05	0.06	0.04	0.06	0.05	53.43	0.008	0.025	4.07
Iodomethane	21-Feb-13	0.1	0.11	0.10	0.11	0.10	0.11	0.11	0.11	0.11	106.85	0.005	0.017	6.05
Isopropylbenzene	19-Apr-13	0.1	0.12	0.11	0.10	0.11	0.11	0.11	0.11	0.11	111.95	0.006	0.019	5.21
Isopropyl Alcohol	21-Feb-13	0.1	0.09	0.11	0.13	0.11	0.12	0.10	0.11	0.11	112.05	0.012	0.039	2.59
p-Isopropyltoluene	21-Feb-13	0.1	0.07	0.07	0.06	0.06	0.07	0.05	0.07	0.07	66.25	0.007	0.023	4.37
Methylene chloride	21-Feb-13	0.2	0.31	0.31	0.33	0.30	0.31	0.30	0.34	0.31	157.29	0.015	0.047	4.30
Methyl ethyl ketone	30-Jan-13	0.2	0.20	0.19	0.17	0.21	0.18	0.16	0.21	0.19	95.01	0.019	0.058	3.42

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: TO-15 (VTO14/15)
Instrument(s): GCMSW, GCMS2W, GCMS3W
Analyst: Pooled

Matrix: AIR
Quant Factor: 1.00
Study Period: April,2013

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ppbv	R1 ppbv	R2 ppbv	R3 ppbv	R4 ppbv	R5 ppbv	R6 ppbv	R7 ppbv	X-Bar ppbv	X-Bar %Recov.	STD.Dev. ppbv	MDL	Spike/MDL Ratio
Methyl Isobutyl Ketone	18-Apr-13	0.2	0.15	0.17	0.17	0.16	0.17	0.15	0.17	0.16	82.08	0.009	0.029	6.83
Methyl Tert Butyl Ether	19-Apr-13	0.1	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	111.45	0.005	0.017	5.85
Methylmethacrylate	30-Jan-13	0.2	0.19	0.19	0.18	0.21	0.19	0.17	0.19	0.19	93.71	0.013	0.040	4.95
Naphthalene	18-Apr-13	0.2	0.19	0.20	0.17	0.17	0.19	0.17	0.18	0.18	90.14	0.012	0.037	5.35
Nonane	19-Apr-13	0.1	0.10	0.09	0.09	0.09	0.09	0.10	0.09	0.09	92.52	0.006	0.018	5.65
Octane	21-Feb-13	0.1	0.09	0.07	0.08	0.07	0.08	0.08	0.08	0.08	78.44	0.007	0.021	4.87
Pentane	31-Jan-13	0.1	0.06	0.06	0.06	0.05	0.05	0.05	0.06	0.06	56.98	0.006	0.018	5.42
n-Propylbenzene	31-Jan-13	0.1	0.08	0.06	0.07	0.06	0.06	0.07	0.08	0.07	68.74	0.008	0.024	4.17
Propylene	21-Feb-13	0.1	0.14	0.11	0.13	0.14	0.13	0.13	0.14	0.13	129.80	0.010	0.031	3.20
Styrene	19-Apr-13	0.1	0.09	0.08	0.07	0.08	0.09	0.08	0.08	0.08	79.82	0.006	0.020	5.04
1,1,1-Trichloroethane	19-Apr-13	0.1	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11	112.95	0.005	0.016	6.09
1,1,1,2-Tetrachloroethane	21-Feb-13	0.1	0.13	0.12	0.14	0.13	0.15	0.13	0.14	0.14	135.01	0.011	0.034	2.94
1,1,2,2-Tetrachloroethane	21-Feb-13	0.1	0.13	0.12	0.12	0.12	0.14	0.12	0.14	0.13	127.92	0.010	0.030	3.30
1,1,2-Trichloroethane	18-Apr-13	0.2	0.26	0.27	0.27	0.27	0.29	0.26	0.27	0.27	134.95	0.010	0.031	6.47
1,2,4-Trichlorobenzene	18-Apr-13	0.2	0.23	0.19	0.18	0.20	0.19	0.19	0.25	0.20	102.38	0.025	0.079	2.54
1,2,3-Trichloropropane	31-Jan-13	0.1	0.12	0.10	0.11	0.10	0.11	0.11	0.13	0.11	112.41	0.010	0.032	3.15
1,2,4-Trimethylbenzene	21-Feb-13	0.1	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	66.52	0.005	0.017	6.02
1,3,5-Trimethylbenzene	21-Feb-13	0.1	0.08	0.08	0.08	0.07	0.08	0.06	0.08	0.07	74.00	0.005	0.015	6.64
2,2,4-Trimethylpentane	21-Feb-13	0.1	0.11	0.09	0.11	0.10	0.11	0.10	0.11	0.10	102.37	0.007	0.021	4.75
Tertiary Butyl Alcohol	18-Apr-13	0.2	0.27	0.27	0.28	0.27	0.24	0.27	0.28	0.27	132.98	0.014	0.044	4.55
Tetrachloroethylene	30-Jan-13	0.2	0.21	0.20	0.21	0.23	0.22	0.20	0.20	0.21	104.72	0.009	0.029	6.94
Tetrahydrofuran	18-Apr-13	0.2	0.17	0.21	0.21	0.20	0.20	0.21	0.22	0.20	101.17	0.014	0.045	4.46
Toluene	21-Feb-13	0.1	0.09	0.08	0.09	0.08	0.10	0.08	0.08	0.09	88.29	0.006	0.020	4.95
Trichloroethylene	30-Jan-13	0.2	0.21	0.21	0.20	0.22	0.21	0.20	0.22	0.21	105.13	0.006	0.019	10.31
Trichlorofluoromethane	21-Feb-13	0.1	0.11	0.10	0.11	0.10	0.11	0.10	0.11	0.11	105.60	0.004	0.014	7.28
Vinyl chloride	19-Apr-13	0.1	0.14	0.13	0.12	0.13	0.12	0.13	0.13	0.13	128.97	0.006	0.017	5.83
Vinyl Acetate	30-Jan-13	0.2	0.16	0.14	0.14	0.13	0.13	0.10	0.13	0.13	66.64	0.019	0.058	3.43
m,p-Xylene	21-Feb-13	0.2	0.18	0.16	0.18	0.17	0.20	0.17	0.18	0.18	88.85	0.010	0.032	6.18
o-Xylene	21-Feb-13	0.1	0.09	0.08	0.09	0.08	0.10	0.08	0.08	0.09	85.72	0.006	0.019	5.17
TVHC As Equiv Pentane	21-Feb-13	0.1	0.11	0.11	0.10	0.09	0.10	0.10	0.12	0.10	104.94	0.012	0.038	2.65
TVHC As Equiv Heptane	21-Feb-13	0.1	0.10	0.10	0.09	0.08	0.09	0.09	0.10	0.09	93.44	0.008	0.023	4.27
4-Bromofluorobenzene	21-Feb-13	0.2	9.16	9.64	9.49	9.49	9.35	9.54	8.80	9.35	4675.80	0.286	0.899	0.22

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Initial Calibration RT/ISTD Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-MB	5W2460.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.034	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.020	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.021	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.017	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.014	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.025	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.017	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.025	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.020	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.019	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.034	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.020	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.011	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.058	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.027	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.040	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.060	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.015	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.029	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.015	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.029	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.022	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.021	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.19	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.020	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.057	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-MB	5W2460.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.021	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.020	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.063	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.016	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.025	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.039	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.047	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.058	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.029	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.017	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.031	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.020	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.016	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.030	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.031	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.079	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.017	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.044	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.029	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.020	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.014	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.017	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.058	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.019	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.019	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-MB	5W2460.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	100%	65-128%

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-MB	3W38389.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.034	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.020	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.021	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.017	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.014	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.025	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.017	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.025	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.020	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.019	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.034	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.020	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.011	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.058	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.027	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.040	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.060	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.015	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.029	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.015	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.029	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.022	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.021	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.19	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.020	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.057	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-MB	3W38389.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.021	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.020	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.063	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.016	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.025	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.039	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.047	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.058	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.029	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.017	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.031	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.020	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.016	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.030	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.031	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.079	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.017	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.044	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.029	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.020	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.014	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.017	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.058	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.019	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.019	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-MB	3W38389.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	90%	65-128%

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-MB	3W38130.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.034	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.020	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.021	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.017	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.014	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.025	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.017	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.025	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.020	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.019	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.034	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.020	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.011	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.058	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.027	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.040	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.060	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.015	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.029	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.015	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.029	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.022	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.021	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.19	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.020	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.057	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-MB	3W38130.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.021	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.020	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.063	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.016	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.025	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.039	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.047	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.058	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.029	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.017	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.031	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.020	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.016	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.030	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.031	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.079	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.017	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.044	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.029	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.020	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.014	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.017	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.058	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.019	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.019	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-MB	3W38130.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	65-128%

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-BS	5W2457.D	1	01/18/14	ML	n/a	n/a	V5W99
V5W99-BSD	5W2458.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	9.2	92	8.9	89	3	70-130/30
106-99-0	1,3-Butadiene	10	11.5	115	11.3	113	2	70-130/30
71-43-2	Benzene	10	10.3	103	10.2	102	1	70-130/30
75-27-4	Bromodichloromethane	10	10.8	108	11.0	110	2	70-130/30
75-25-2	Bromoform	10	11.5	115	12.0	120	4	70-130/30
74-83-9	Bromomethane	10	10.1	101	10.2	102	1	70-130/30
593-60-2	Bromoethene	10	10.4	104	10.3	103	1	70-130/30
100-44-7	Benzyl Chloride	10	12.2	122	12.3	123	1	70-130/30
75-15-0	Carbon disulfide	10	10.8	108	10.7	107	1	70-130/30
108-90-7	Chlorobenzene	10	10.7	107	10.9	109	2	70-130/30
75-00-3	Chloroethane	10	10.6	106	10.4	104	2	70-130/30
67-66-3	Chloroform	10	10.7	107	10.7	107	0	70-130/30
74-87-3	Chloromethane	10	11.2	112	10.9	109	3	70-130/30
107-05-1	3-Chloropropene	10	10.6	106	10.5	105	1	70-130/30
95-49-8	2-Chlorotoluene	10	11.1	111	11.3	113	2	70-130/30
56-23-5	Carbon tetrachloride	10	11.1	111	11.3	113	2	70-130/30
110-82-7	Cyclohexane	10	10.3	103	10.1	101	2	70-130/30
75-34-3	1,1-Dichloroethane	10	10.7	107	10.5	105	2	70-130/30
75-35-4	1,1-Dichloroethylene	10	10.7	107	10.6	106	1	70-130/30
106-93-4	1,2-Dibromoethane	10	10.6	106	10.7	107	1	70-130/30
107-06-2	1,2-Dichloroethane	10	10.5	105	10.6	106	1	70-130/30
78-87-5	1,2-Dichloropropane	10	10.7	107	10.6	106	1	70-130/30
123-91-1	1,4-Dioxane	10	10.0	100	10.0	100	0	70-130/30
75-71-8	Dichlorodifluoromethane	10	11.0	110	11.0	110	0	70-130/30
124-48-1	Dibromochloromethane	10	11.2	112	11.4	114	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.6	106	10.5	105	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	10.6	106	10.5	105	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.9	109	10.9	109	0	70-130/30
541-73-1	m-Dichlorobenzene	10	11.1	111	11.3	113	2	70-130/30
95-50-1	o-Dichlorobenzene	10	11.2	112	11.4	114	2	70-130/30
106-46-7	p-Dichlorobenzene	10	11.1	111	11.4	114	3	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	11.0	110	11.0	110	0	70-130/30
64-17-5	Ethanol	10	8.5	85	8.4	84	1	70-130/30
100-41-4	Ethylbenzene	10	10.6	106	10.8	108	2	70-130/30
141-78-6	Ethyl Acetate	10	11.1	111	10.8	108	3	70-130/30
622-96-8	4-Ethyltoluene	10	11.1	111	11.2	112	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-BS	5W2457.D	1	01/18/14	ML	n/a	n/a	V5W99
V5W99-BSD	5W2458.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.1	101	10.3	103	2	70-130/30
76-14-2	Freon 114	10	10.2	102	10.2	102	0	70-130/30
142-82-5	Heptane	10	10.7	107	10.8	108	1	70-130/30
87-68-3	Hexachlorobutadiene	10	11.8	118	12.3	123	4	70-130/30
110-54-3	Hexane	10	10.0	100	9.7	97	3	70-130/30
591-78-6	2-Hexanone	10	10.6	106	10.3	103	3	70-130/30
67-63-0	Isopropyl Alcohol	10	9.0	90	8.9	89	1	70-130/30
75-09-2	Methylene chloride	10	9.5	95	9.4	94	1	70-130/30
78-93-3	Methyl ethyl ketone	10	10.5	105	10.5	105	0	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	10.8	108	10.5	105	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	10.2	102	10.2	102	0	70-130/30
80-62-6	Methylmethacrylate	10	10.9	109	10.9	109	0	70-130/30
115-07-1	Propylene	10	11.3	113	11.1	111	2	70-130/30
100-42-5	Styrene	10	11.0	110	11.2	112	2	70-130/30
71-55-6	1,1,1-Trichloroethane	10	10.6	106	10.7	107	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	11.2	112	11.2	112	0	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.7	107	10.7	107	0	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	12.7	127	13.1	131* [a]	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	11.5	115	11.6	116	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	11.1	111	11.4	114	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	10.5	105	10.5	105	0	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	10.4	104	10.3	103	1	70-130/30
127-18-4	Tetrachloroethylene	10	10.6	106	10.6	106	0	70-130/30
109-99-9	Tetrahydrofuran	10	10.5	105	10.5	105	0	70-130/30
108-88-3	Toluene	10	10.2	102	10.3	103	1	70-130/30
79-01-6	Trichloroethylene	10	10.6	106	10.8	108	2	70-130/30
75-69-4	Trichlorofluoromethane	10	10.9	109	11.0	110	1	70-130/30
75-01-4	Vinyl chloride	10	11.0	110	10.9	109	1	70-130/30
108-05-4	Vinyl Acetate	10	10.3	103	10.1	101	2	70-130/30
	m,p-Xylene	20	21.4	107	21.9	110	2	70-130/30
95-47-6	o-Xylene	10	10.8	108	11.1	111	3	70-130/30
1330-20-7	Xylenes (total)	30	32.3	108	33.1	110	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5W99-BS	5W2457.D	1	01/18/14	ML	n/a	n/a	V5W99
V5W99-BSD	5W2458.D	1	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	99%	100%	65-128%

(a) High percent recoveries and no associated positive found in the QC batch.

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-BS	3W38386.D	1	01/20/14	YMH	n/a	n/a	V3W1466
V3W1466-BSD	3W38387.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	8.5	85	8.9	89	5	70-130/30
106-99-0	1,3-Butadiene	10	9.0	90	8.8	88	2	70-130/30
71-43-2	Benzene	10	10.0	100	10.2	102	2	70-130/30
75-27-4	Bromodichloromethane	10	10.8	108	11.0	110	2	70-130/30
75-25-2	Bromoform	10	12.4	124	12.7	127	2	70-130/30
74-83-9	Bromomethane	10	9.4	94	9.4	94	0	70-130/30
593-60-2	Bromoethene	10	9.8	98	9.9	99	1	70-130/30
100-44-7	Benzyl Chloride	10	11.2	112	11.5	115	3	70-130/30
75-15-0	Carbon disulfide	10	9.6	96	9.7	97	1	70-130/30
108-90-7	Chlorobenzene	10	10.9	109	11.2	112	3	70-130/30
75-00-3	Chloroethane	10	9.2	92	9.2	92	0	70-130/30
67-66-3	Chloroform	10	9.8	98	9.9	99	1	70-130/30
74-87-3	Chloromethane	10	9.5	95	8.1	81	16	70-130/30
107-05-1	3-Chloropropene	10	9.9	99	10.1	101	2	70-130/30
95-49-8	2-Chlorotoluene	10	11.2	112	11.6	116	4	70-130/30
56-23-5	Carbon tetrachloride	10	10.2	102	10.3	103	1	70-130/30
110-82-7	Cyclohexane	10	10	100	10.1	101	1	70-130/30
75-34-3	1,1-Dichloroethane	10	9.4	94	9.5	95	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.5	95	9.7	97	2	70-130/30
106-93-4	1,2-Dibromoethane	10	11.0	110	11.3	113	3	70-130/30
107-06-2	1,2-Dichloroethane	10	10	100	10.2	102	2	70-130/30
78-87-5	1,2-Dichloropropane	10	10.1	101	10.3	103	2	70-130/30
123-91-1	1,4-Dioxane	10	8.8	88	9.1	91	3	70-130/30
75-71-8	Dichlorodifluoromethane	10	9.5	95	9.4	94	1	70-130/30
124-48-1	Dibromochloromethane	10	12.1	121	12.4	124	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.1	101	10.3	103	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.9	99	10.1	101	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	10.9	109	11.2	112	3	70-130/30
541-73-1	m-Dichlorobenzene	10	11.7	117	12.0	120	3	70-130/30
95-50-1	o-Dichlorobenzene	10	11.7	117	12.0	120	3	70-130/30
106-46-7	p-Dichlorobenzene	10	11.2	112	11.9	119	6	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.9	109	11.4	114	4	70-130/30
64-17-5	Ethanol	10	8.4	84	8.5	85	1	70-130/30
100-41-4	Ethylbenzene	10	10.8	108	11.1	111	3	70-130/30
141-78-6	Ethyl Acetate	10	9.3	93	9.5	95	2	70-130/30
622-96-8	4-Ethyltoluene	10	11.8	118	12.0	120	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-BS	3W38386.D	1	01/20/14	YMH	n/a	n/a	V3W1466
V3W1466-BSD	3W38387.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.0	100	10.3	103	3	70-130/30
76-14-2	Freon 114	10	9.3	93	9.0	90	3	70-130/30
142-82-5	Heptane	10	9.4	94	9.4	94	0	70-130/30
87-68-3	Hexachlorobutadiene	10	11.8	118	11.3	113	4	70-130/30
110-54-3	Hexane	10	9.4	94	9.5	95	1	70-130/30
591-78-6	2-Hexanone	10	9.7	97	10	100	3	70-130/30
67-63-0	Isopropyl Alcohol	10	8.4	84	8.5	85	1	70-130/30
75-09-2	Methylene chloride	10	9.2	92	9.3	93	1	70-130/30
78-93-3	Methyl ethyl ketone	10	9.0	90	9.2	92	2	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	9.9	99	10.0	100	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	9.2	92	9.4	94	2	70-130/30
80-62-6	Methylmethacrylate	10	10.3	103	10.6	106	3	70-130/30
115-07-1	Propylene	10	9.0	90	8.9	89	1	70-130/30
100-42-5	Styrene	10	11.4	114	11.8	118	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10	9.8	98	9.8	98	0	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	10.9	109	11.0	110	1	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10.3	103	10.6	106	3	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	11.2	112	11.2	112	0	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	11.8	118	12.1	121	3	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	11.5	115	11.9	119	3	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.8	98	9.9	99	1	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	9.1	91	9.1	91	0	70-130/30
127-18-4	Tetrachloroethylene	10	10.8	108	11.1	111	3	70-130/30
109-99-9	Tetrahydrofuran	10	9.4	94	9.7	97	3	70-130/30
108-88-3	Toluene	10	10.3	103	10.6	106	3	70-130/30
79-01-6	Trichloroethylene	10	10	100	10.3	103	3	70-130/30
75-69-4	Trichlorofluoromethane	10	9.8	98	9.8	98	0	70-130/30
75-01-4	Vinyl chloride	10	9.4	94	9.3	93	1	70-130/30
108-05-4	Vinyl Acetate	10	9.4	94	9.8	98	4	70-130/30
	m,p-Xylene	20	22.4	112	23.1	116	3	70-130/30
95-47-6	o-Xylene	10	11.1	111	11.5	115	4	70-130/30
1330-20-7	Xylenes (total)	30	33.5	112	34.6	115	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1466-BS	3W38386.D	1	01/20/14	YMH	n/a	n/a	V3W1466
V3W1466-BSD	3W38387.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	104%	105%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-BS	3W38127.D	1	01/07/14	YMH	n/a	n/a	V3W1457
V3W1457-BSD	3W38128.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	10	9.4	94	9.5	95	1	70-130/30
106-99-0	1,3-Butadiene	10	9.9	99	9.8	98	1	70-130/30
71-43-2	Benzene	10	9.7	97	9.7	97	0	70-130/30
75-27-4	Bromodichloromethane	10	9.9	99	9.9	99	0	70-130/30
75-25-2	Bromoform	10	10.3	103	10.4	104	1	70-130/30
74-83-9	Bromomethane	10	10.1	101	10.2	102	1	70-130/30
593-60-2	Bromoethene	10	10.3	103	10.5	105	2	70-130/30
100-44-7	Benzyl Chloride	10	10.3	103	10.5	105	2	70-130/30
75-15-0	Carbon disulfide	10	9.8	98	9.9	99	1	70-130/30
108-90-7	Chlorobenzene	10	10.1	101	10.1	101	0	70-130/30
75-00-3	Chloroethane	10	10.6	106	10.6	106	0	70-130/30
67-66-3	Chloroform	10	10.1	101	10.2	102	1	70-130/30
74-87-3	Chloromethane	10	10.9	109	10.8	108	1	70-130/30
107-05-1	3-Chloropropene	10	10.3	103	10.4	104	1	70-130/30
95-49-8	2-Chlorotoluene	10	10.8	108	10.8	108	0	70-130/30
56-23-5	Carbon tetrachloride	10	10.6	106	10.8	108	2	70-130/30
110-82-7	Cyclohexane	10	10.2	102	10.2	102	0	70-130/30
75-34-3	1,1-Dichloroethane	10	10.0	100	10.1	101	1	70-130/30
75-35-4	1,1-Dichloroethylene	10	9.8	98	9.9	99	1	70-130/30
106-93-4	1,2-Dibromoethane	10	9.7	97	9.9	99	2	70-130/30
107-06-2	1,2-Dichloroethane	10	10.6	106	10.8	108	2	70-130/30
78-87-5	1,2-Dichloropropane	10	9.4	94	9.4	94	0	70-130/30
123-91-1	1,4-Dioxane	10	8.4	84	8.2	82	2	70-130/30
75-71-8	Dichlorodifluoromethane	10	11.3	113	11.0	110	3	70-130/30
124-48-1	Dibromochloromethane	10	10.2	102	10.2	102	0	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10	10.1	101	10.3	103	2	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10	9.9	99	10.1	101	2	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10	9.8	98	10	100	2	70-130/30
541-73-1	m-Dichlorobenzene	10	10.7	107	10.8	108	1	70-130/30
95-50-1	o-Dichlorobenzene	10	10.6	106	10.7	107	1	70-130/30
106-46-7	p-Dichlorobenzene	10	10.3	103	10.4	104	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	10	10.0	100	10.2	102	2	70-130/30
64-17-5	Ethanol	10	9.1	91	9.4	94	3	70-130/30
100-41-4	Ethylbenzene	10	9.7	97	9.7	97	0	70-130/30
141-78-6	Ethyl Acetate	10	9.6	96	9.3	93	3	70-130/30
622-96-8	4-Ethyltoluene	10	10.9	109	10.8	108	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-BS	3W38127.D	1	01/07/14	YMH	n/a	n/a	V3W1457
V3W1457-BSD	3W38128.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10	10.1	101	10.3	103	2	70-130/30
76-14-2	Freon 114	10	10.3	103	10.3	103	0	70-130/30
142-82-5	Heptane	10	9.8	98	9.7	97	1	70-130/30
87-68-3	Hexachlorobutadiene	10	9.7	97	11.5	115	17	70-130/30
110-54-3	Hexane	10	10.9	109	10.0	100	9	70-130/30
591-78-6	2-Hexanone	10	9.4	94	9.1	91	3	70-130/30
67-63-0	Isopropyl Alcohol	10	9.5	95	9.6	96	1	70-130/30
75-09-2	Methylene chloride	10	8.4	84	8.4	84	0	70-130/30
78-93-3	Methyl ethyl ketone	10	9.7	97	9.8	98	1	70-130/30
108-10-1	Methyl Isobutyl Ketone	10	9.3	93	9.1	91	2	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10	9.7	97	9.8	98	1	70-130/30
80-62-6	Methylmethacrylate	10	9.5	95	9.4	94	1	70-130/30
115-07-1	Propylene	10	11.0	110	10.8	108	2	70-130/30
100-42-5	Styrene	10	10.3	103	10.3	103	0	70-130/30
71-55-6	1,1,1-Trichloroethane	10	10.3	103	10.4	104	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	10	9.9	99	9.6	96	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10	10	100	10.1	101	1	70-130/30
120-82-1	1,2,4-Trichlorobenzene	10	9.1	91	11.5	115	23	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10	10.6	106	10.6	106	0	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10	10.4	104	10.3	103	1	70-130/30
540-84-1	2,2,4-Trimethylpentane	10	9.7	97	9.7	97	0	70-130/30
75-65-0	Tertiary Butyl Alcohol	10	10.2	102	10.4	104	2	70-130/30
127-18-4	Tetrachloroethylene	10	9.6	96	9.6	96	0	70-130/30
109-99-9	Tetrahydrofuran	10	10.0	100	10.1	101	1	70-130/30
108-88-3	Toluene	10	9.9	99	10.1	101	2	70-130/30
79-01-6	Trichloroethylene	10	9.5	95	9.6	96	1	70-130/30
75-69-4	Trichlorofluoromethane	10	10.7	107	10.8	108	1	70-130/30
75-01-4	Vinyl chloride	10	10.9	109	10.7	107	2	70-130/30
108-05-4	Vinyl Acetate	10	9.7	97	10	100	3	70-130/30
	m,p-Xylene	20	20.2	101	20.3	102	0	70-130/30
95-47-6	o-Xylene	10	10.2	102	10.2	102	0	70-130/30
1330-20-7	Xylenes (total)	30	30.5	102	30.4	101	0	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-BS	3W38127.D	1	01/07/14	YMH	n/a	n/a	V3W1457
V3W1457-BSD	3W38128.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here applies to the following samples: **Method:** TO-15

V3W1457-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	108%	108%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57931-4DUP	5W2465.D	1.52	01/18/14	ML	n/a	n/a	V5W99
JB57931-4	5W2464.D	1.52	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	JB57931-4 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	13.6		13.9		2	27
106-99-0	1,3-Butadiene	ND		ND		nc	20
71-43-2	Benzene	0.60		0.60		0	17
75-27-4	Bromodichloromethane	ND		ND		nc	20
75-25-2	Bromoform	ND		ND		nc	20
74-83-9	Bromomethane	ND		ND		nc	20
593-60-2	Bromoethene	ND		ND		nc	30
100-44-7	Benzyl Chloride	ND		ND		nc	20
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	20
75-00-3	Chloroethane	ND		ND		nc	20
67-66-3	Chloroform	0.91		0.91		0	12
74-87-3	Chloromethane	0.72		0.74		3	22
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	ND		ND		nc	12
75-34-3	1,1-Dichloroethane	ND		ND		nc	20
75-35-4	1,1-Dichloroethylene	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	ND		ND		nc	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
123-91-1	1,4-Dioxane	ND		ND		nc	20
75-71-8	Dichlorodifluoromethane	2.1		2.2		5	22
124-48-1	Dibromochloromethane	ND		ND		nc	20
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
541-73-1	m-Dichlorobenzene	ND		ND		nc	20
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	0.11	J	0.11	J	0	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
64-17-5	Ethanol	71.8	E	72.7	E	1	33
100-41-4	Ethylbenzene	0.086	J	0.089	J	3	15
141-78-6	Ethyl Acetate	5.7		5.8		2	20
622-96-8	4-Ethyltoluene	ND		ND		nc	13

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57931-4DUP	5W2465.D	1.52	01/18/14	ML	n/a	n/a	V5W99
JB57931-4	5W2464.D	1.52	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Compound	JB57931-4 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	0.27		0.28		4	10
76-14-2	Freon 114	ND		ND		nc	20
142-82-5	Heptane	0.47		0.48		2	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
110-54-3	Hexane	0.59		0.63		7	17
591-78-6	2-Hexanone	ND		ND		nc	20
67-63-0	Isopropyl Alcohol	14.1		14.2		1	26
75-09-2	Methylene chloride	1.1		1.1		0	26
78-93-3	Methyl ethyl ketone	0.62		0.67		8	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	20
80-62-6	Methylmethacrylate	ND		ND		nc	20
115-07-1	Propylene	ND		ND		nc	16
100-42-5	Styrene	ND		ND		nc	11
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	0.12	J	0.12	J	0	19
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	13
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	18
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	21
127-18-4	Tetrachloroethylene	0.61		0.61		0	17
109-99-9	Tetrahydrofuran	0.17	J	0.19	J	11	20
108-88-3	Toluene	0.79		0.80		1	20
79-01-6	Trichloroethylene	ND		ND		nc	13
75-69-4	Trichlorofluoromethane	3.5		3.5		0	21
75-01-4	Vinyl chloride	ND		ND		nc	20
108-05-4	Vinyl Acetate	ND		ND		nc	20
	m,p-Xylene	0.25		0.26		4	26
95-47-6	o-Xylene	0.089	J	0.093	J	4	20
1330-20-7	Xylenes (total)	0.34		0.35		3	26

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57931-4DUP	5W2465.D	1.52	01/18/14	ML	n/a	n/a	V5W99
JB57931-4	5W2464.D	1.52	01/18/14	ML	n/a	n/a	V5W99

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-1, JB58146-2, JB58146-3

CAS No.	Surrogate Recoveries	DUP	JB57931-4	Limits
460-00-4	4-Bromofluorobenzene	98%	97%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57857-1DUP	3W38395.D	1	01/20/14	YMH	n/a	n/a	V3W1466
JB57857-1	3W38394.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	JB57857-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
67-64-1	Acetone	ND		ND		nc	27
106-99-0	1,3-Butadiene	ND		ND		nc	20
71-43-2	Benzene	21.1		20.9		1	17
75-27-4	Bromodichloromethane	ND		ND		nc	20
75-25-2	Bromoform	ND		ND		nc	20
74-83-9	Bromomethane	ND		ND		nc	20
593-60-2	Bromoethene	ND		ND		nc	30
100-44-7	Benzyl Chloride	ND		ND		nc	20
75-15-0	Carbon disulfide	ND		ND		nc	11
108-90-7	Chlorobenzene	ND		ND		nc	20
75-00-3	Chloroethane	ND		ND		nc	20
67-66-3	Chloroform	ND		ND		nc	12
74-87-3	Chloromethane	ND		ND		nc	22
107-05-1	3-Chloropropene	ND		ND		nc	10
95-49-8	2-Chlorotoluene	ND		ND		nc	20
56-23-5	Carbon tetrachloride	ND		ND		nc	10
110-82-7	Cyclohexane	13.0		13.2		2	12
75-34-3	1,1-Dichloroethane	ND		ND		nc	20
75-35-4	1,1-Dichloroethylene	ND		ND		nc	20
106-93-4	1,2-Dibromoethane	ND		ND		nc	20
107-06-2	1,2-Dichloroethane	ND		ND		nc	20
78-87-5	1,2-Dichloropropane	ND		ND		nc	20
123-91-1	1,4-Dioxane	ND		ND		nc	20
75-71-8	Dichlorodifluoromethane	ND		ND		nc	22
124-48-1	Dibromochloromethane	ND		ND		nc	20
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	10
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	10
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	20
541-73-1	m-Dichlorobenzene	ND		ND		nc	20
95-50-1	o-Dichlorobenzene	ND		ND		nc	10
106-46-7	p-Dichlorobenzene	ND		ND		nc	20
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	20
64-17-5	Ethanol	ND		ND		nc	33
100-41-4	Ethylbenzene	2.9		3.3		13	15
141-78-6	Ethyl Acetate	ND		ND		nc	20
622-96-8	4-Ethyltoluene	2.5		1.6		44* [a]	13

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57857-1DUP	3W38395.D	1	01/20/14	YMH	n/a	n/a	V3W1466
JB57857-1	3W38394.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Compound	JB57857-1 ppbv	Q	DUP ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	10
76-14-2	Freon 114	ND		ND		nc	20
142-82-5	Heptane	3.4		3.2		6	20
87-68-3	Hexachlorobutadiene	ND		ND		nc	20
110-54-3	Hexane	ND		ND		nc	17
591-78-6	2-Hexanone	ND		ND		nc	20
67-63-0	Isopropyl Alcohol	ND		ND		nc	26
75-09-2	Methylene chloride	ND		ND		nc	26
78-93-3	Methyl ethyl ketone	ND		ND		nc	21
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	20
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	20
80-62-6	Methylmethacrylate	ND		ND		nc	20
115-07-1	Propylene	ND		ND		nc	16
100-42-5	Styrene	ND		ND		nc	11
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	20
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	20
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	20
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	20
95-63-6	1,2,4-Trimethylbenzene	6.4		11.4		56* [a]	19
108-67-8	1,3,5-Trimethylbenzene	1.8		3.2		56* [a]	13
540-84-1	2,2,4-Trimethylpentane	ND		ND		nc	18
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	21
127-18-4	Tetrachloroethylene	19.3		17.6		9	17
109-99-9	Tetrahydrofuran	ND		ND		nc	20
108-88-3	Toluene	56.9	E	57.2	E	1	20
79-01-6	Trichloroethylene	ND		ND		nc	13
75-69-4	Trichlorofluoromethane	ND		ND		nc	21
75-01-4	Vinyl chloride	ND		ND		nc	20
108-05-4	Vinyl Acetate	ND		ND		nc	20
	m,p-Xylene	18.2		18.6		2	26
95-47-6	o-Xylene	6.4		7.3		13	20
1330-20-7	Xylenes (total)	24.5		25.9		6	26

* = Outside of Control Limits.

Duplicate Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JB57857-1DUP	3W38395.D	1	01/20/14	YMH	n/a	n/a	V3W1466
JB57857-1	3W38394.D	1	01/20/14	YMH	n/a	n/a	V3W1466

The QC reported here applies to the following samples: **Method:** TO-15

JB58146-4

CAS No.	Surrogate Recoveries	DUP	JB57857-1	Limits
460-00-4	4-Bromofluorobenzene	111%	61%* [b]	65-128%

(a) Outside control limits.
(b) Outside control limits due to matrix interference.

* = Outside of Control Limits.

Summa Cleaning Certification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-SCC	3W38132.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here (Summa A278) applies to the following samples: **Method:** TO-15

Batch CP6700 cleaned 01/03/14: JB58146-1(A1060), JB58146-2(A1069), JB58146-3(A042), JB58146-4(A347)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone	ND	0.20	0.034	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.020	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.021	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.025	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.022	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.017	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.014	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.025	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.017	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.025	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.020	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.019	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.034	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.028	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.020	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.011	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.058	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.021	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane	ND	0.20	0.027	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.016	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.040	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.060	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.015	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.029	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.015	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.028	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.019	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.025	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.029	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.022	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.021	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.19	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.020	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.057	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3

Summa Cleaning Certification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-SCC	3W38132.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here (Summa A278) applies to the following samples: **Method:** TO-15

Batch CP6700 cleaned 01/03/14: JB58146-1(A1060), JB58146-2(A1069), JB58146-3(A042), JB58146-4(A347)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.021	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.021	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.020	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.063	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.016	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.025	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.039	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.047	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.058	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.029	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.017	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.040	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.031	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.020	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.016	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.030	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.031	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.079	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.017	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.015	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.021	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.044	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.029	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.045	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.020	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.014	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.017	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.058	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.032	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.019	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.019	ppbv		ND	0.87	ug/m3

Summa Cleaning Certification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V3W1457-SCC	3W38132.D	1	01/07/14	YMH	n/a	n/a	V3W1457

The QC reported here (Summa A278) applies to the following samples: **Method:** TO-15

Batch CP6700 cleaned 01/03/14: JB58146-1(A1060), JB58146-2(A1069), JB58146-3(A042), JB58146-4(A347)

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	65-128%

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-BFB
Lab File ID: 3W36932.D
Instrument ID: GCMS3W
Injection Date: 11/06/13
Injection Time: 21:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	16708	18.3		Pass
75	30.0 - 66.0% of mass 95	42005	46.0		Pass
95	Base peak, 100% relative abundance	91296	100.0		Pass
96	5.0 - 9.0% of mass 95	6079	6.66		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	84437	92.5		Pass
175	4.0 - 9.01% of mass 174	6343	6.95	(7.51) [a]	Pass
176	93.0 - 101.0% of mass 174	82645	90.5	(97.9) [a]	Pass
177	5.0 - 9.0% of mass 176	5411	5.93	(6.55) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1416-IC1416	3W36935.D	11/06/13	23:19	01:57	Initial cal 20
V3W1416-IC1416	3W36936.D	11/06/13	23:59	02:37	Initial cal 15
V3W1416-ICC1416	3W36937.D	11/07/13	00:38	03:16	Initial cal 10
V3W1416-IC1416	3W36938.D	11/07/13	01:16	03:54	Initial cal 5
V3W1416-IC1416	3W36940.D	11/07/13	02:38	05:16	Initial cal 0.1
V3W1416-IC1416	3W36941.D	11/07/13	03:16	05:54	Initial cal 0.04
V3W1416-IC1416	3W36942.D	11/07/13	03:57	06:35	Initial cal 30
V3W1416-IC1416	3W36944.D	11/07/13	05:21	07:59	Initial cal 40
V3W1416-IC1416	3W36947.D	11/07/13	09:25	12:03	Initial cal 0.5
V3W1416-IC1416	3W36948.D	11/07/13	10:03	12:41	Initial cal 0.2
V3W1416-ICV1416	3W36949.D	11/07/13	10:56	13:34	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1456-BFB
Lab File ID: 3W38125.D
Instrument ID: GCMS3W
Injection Date: 01/07/14
Injection Time: 09:10

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	19101	18.9		Pass
75	30.0 - 66.0% of mass 95	47061	46.6		Pass
95	Base peak, 100% relative abundance	100904	100.0		Pass
96	5.0 - 9.0% of mass 95	6802	6.74		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	87965	87.2		Pass
175	4.0 - 9.01% of mass 174	6931	6.87	(7.88) [a]	Pass
176	93.0 - 101.0% of mass 174	87162	86.4	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	5684	5.63	(6.52) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1457-BSD	3W38128.D	01/07/14	11:08	01:58	Blank Spike Duplicate
V3W1457-MB	3W38130.D	01/07/14	12:43	03:33	Method Blank
V3W1457-SCC	3W38132.D	01/07/14	14:25	05:15	Summa Cleaning Certification
JB55642-11R	3W38133.D	01/07/14	15:07	05:57	(used for QC only; not part of job JB58146)
JB55642-11RDUP	3W38134.D	01/07/14	15:49	06:39	Duplicate
ZZZZZZ	3W38135.D	01/07/14	16:31	07:21	(unrelated sample)
ZZZZZZ	3W38136.D	01/07/14	17:12	08:02	(unrelated sample)
ZZZZZZ	3W38137.D	01/07/14	17:53	08:43	(unrelated sample)
ZZZZZZ	3W38138.D	01/07/14	18:34	09:24	(unrelated sample)
ZZZZZZ	3W38139.D	01/07/14	19:15	10:05	(unrelated sample)
ZZZZZZ	3W38140.D	01/07/14	19:57	10:47	(unrelated sample)
ZZZZZZ	3W38141.D	01/07/14	20:38	11:28	(unrelated sample)
ZZZZZZ	3W38142.D	01/07/14	21:19	12:09	(unrelated sample)
ZZZZZZ	3W38143.D	01/07/14	22:00	12:50	(unrelated sample)
ZZZZZZ	3W38144.D	01/07/14	22:42	13:32	(unrelated sample)
ZZZZZZ	3W38145.D	01/07/14	23:24	14:14	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-BFB
Lab File ID: 3W38286.D
Instrument ID: GCMS3W
Injection Date: 01/15/14
Injection Time: 19:08

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	27701	17.6		Pass
75	30.0 - 66.0% of mass 95	69674	44.3		Pass
95	Base peak, 100% relative abundance	157248	100.0		Pass
96	5.0 - 9.0% of mass 95	10911	6.94		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	134797	85.7		Pass
175	4.0 - 9.01% of mass 174	9738	6.19	(7.22) [a]	Pass
176	93.0 - 101.0% of mass 174	133541	84.9	(99.1) [a]	Pass
177	5.0 - 9.0% of mass 176	8721	5.55	(6.53) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1462-IC1462	3W38287.D	01/15/14	19:47	00:39	Initial cal 0.5
V3W1462-IC1462	3W38288.D	01/15/14	20:27	01:19	Initial cal 0.2
V3W1462-IC1462	3W38289.D	01/15/14	21:07	01:59	Initial cal 20
V3W1462-IC1462	3W38290.D	01/15/14	21:48	02:40	Initial cal 15
V3W1462-ICC1462	3W38291.D	01/15/14	22:28	03:20	Initial cal 10
V3W1462-IC1462	3W38292.D	01/15/14	23:08	04:00	Initial cal 5
V3W1462-IC1462	3W38294.D	01/16/14	00:28	05:20	Initial cal 0.1
V3W1462-IC1462	3W38295.D	01/16/14	01:08	06:00	Initial cal 0.04
V3W1462-IC1462	3W38296.D	01/16/14	01:49	06:41	Initial cal 30
V3W1462-IC1462	3W38299.D	01/16/14	03:51	08:43	Initial cal 40
V3W1462-ICV1462	3W38302.D	01/16/14	09:41	14:33	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1466-BFB
Lab File ID: 3W38383.D
Instrument ID: GCMS3W
Injection Date: 01/20/14
Injection Time: 08:50

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	31906	17.5		Pass
75	30.0 - 66.0% of mass 95	82624	45.4		Pass
95	Base peak, 100% relative abundance	182002	100.0		Pass
96	5.0 - 9.0% of mass 95	12698	6.98		Pass
173	Less than 2.0% of mass 174	0	0.00	(0.00) [a]	Pass
174	50.0 - 120.0% of mass 95	163306	89.7		Pass
175	4.0 - 9.01% of mass 174	11717	6.44	(7.17) [a]	Pass
176	93.0 - 101.0% of mass 174	161728	88.9	(99.0) [a]	Pass
177	5.0 - 9.0% of mass 176	10775	5.92	(6.66) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V3W1466-CC1462	3W38385.D	01/20/14	11:24	02:34	Continuing cal 10
V3W1466-BS	3W38386.D	01/20/14	13:12	04:22	Blank Spike
V3W1466-BSD	3W38387.D	01/20/14	13:59	05:09	Blank Spike Duplicate
V3W1466-MB	3W38389.D	01/20/14	15:39	06:49	Method Blank
ZZZZZZ	3W38390.D	01/20/14	16:26	07:36	(unrelated sample)
ZZZZZZ	3W38391.D	01/20/14	17:31	08:41	(unrelated sample)
ZZZZZZ	3W38392.D	01/20/14	18:13	09:23	(unrelated sample)
ZZZZZZ	3W38393.D	01/20/14	18:52	10:02	(unrelated sample)
JB57857-1	3W38394.D	01/20/14	19:33	10:43	(used for QC only; not part of job JB58146)
JB57857-1DUP	3W38395.D	01/20/14	20:13	11:23	Duplicate
ZZZZZZ	3W38396.D	01/20/14	20:52	12:02	(unrelated sample)
ZZZZZZ	3W38397.D	01/20/14	21:31	12:41	(unrelated sample)
ZZZZZZ	3W38398.D	01/20/14	22:09	13:19	(unrelated sample)
ZZZZZZ	3W38399.D	01/20/14	22:48	13:58	(unrelated sample)
ZZZZZZ	3W38400.D	01/20/14	23:27	14:37	(unrelated sample)
JB58146-4	3W38402.D	01/21/14	00:44	15:54	SV-4
ZZZZZZ	3W38403.D	01/21/14	01:22	16:32	(unrelated sample)
ZZZZZZ	3W38404.D	01/21/14	02:00	17:10	(unrelated sample)
ZZZZZZ	3W38405.D	01/21/14	02:38	17:48	(unrelated sample)
ZZZZZZ	3W38406.D	01/21/14	03:19	18:29	(unrelated sample)
ZZZZZZ	3W38409.D	01/21/14	05:15	20:25	(unrelated sample)
ZZZZZZ	3W38410.D	01/21/14	05:53	21:03	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W79-BFB
Lab File ID: 5W1961.D
Instrument ID: GCMS5W
Injection Date: 12/23/13
Injection Time: 16:49

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	24283	17.4		Pass
75	30.0 - 66.0% of mass 95	63971	46.0		Pass
95	Base peak, 100% relative abundance	139205	100.0		Pass
96	5.0 - 9.0% of mass 95	9099	6.54		Pass
173	Less than 2.0% of mass 174	328	0.24	(0.33) [a]	Pass
174	50.0 - 120.0% of mass 95	100843	72.4		Pass
175	4.0 - 9.0% of mass 174	7424	5.33	(7.36) [a]	Pass
176	93.0 - 101.0% of mass 174	97592	70.1	(96.8) [a]	Pass
177	5.0 - 9.0% of mass 176	6421	4.61	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W79-IC79	5W1962.D	12/23/13	17:34	00:45	Initial cal 0.5
V5W79-IC79	5W1963.D	12/23/13	18:20	01:31	Initial cal 0.2
V5W79-IC79	5W1964.D	12/23/13	19:04	02:15	Initial cal 0.1
V5W79-IC79	5W1965.D	12/23/13	19:48	02:59	Initial cal 0.04
V5W79-ICC79	5W1966.D	12/23/13	20:32	03:43	Initial cal 10
V5W79-IC79	5W1967.D	12/23/13	21:15	04:26	Initial cal 5
V5W79-IC79	5W1968.D	12/23/13	22:01	05:12	Initial cal 20
V5W79-IC79	5W1971.D	12/24/13	00:23	07:34	Initial cal 40
V5W79-ICV79	5W1975.D	12/24/13	13:28	20:39	Initial cal verification 10

Instrument Performance Check (BFB)

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W99-BFB
Lab File ID: 5W2455.D
Instrument ID: GCMS5W
Injection Date: 01/18/14
Injection Time: 08:22

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	8.0 - 40.0% of mass 95	18141	21.0		Pass
75	30.0 - 66.0% of mass 95	42938	49.7		Pass
95	Base peak, 100% relative abundance	86346	100.0		Pass
96	5.0 - 9.0% of mass 95	5628	6.52		Pass
173	Less than 2.0% of mass 174	580	0.67	(1.05) [a]	Pass
174	50.0 - 120.0% of mass 95	54994	63.7		Pass
175	4.0 - 9.01% of mass 174	4059	4.70	(7.38) [a]	Pass
176	93.0 - 101.0% of mass 174	52784	61.1	(96.0) [a]	Pass
177	5.0 - 9.0% of mass 176	3546	4.11	(6.72) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5W99-CC79	5W2456.D	01/18/14	09:11	00:49	Continuing cal 10
V5W99-BS	5W2457.D	01/18/14	10:21	01:59	Blank Spike
V5W99-BSD	5W2458.D	01/18/14	11:05	02:43	Blank Spike Duplicate
V5W99-MB	5W2460.D	01/18/14	12:44	04:22	Method Blank
V5W99-SCC	5W2461.D	01/18/14	13:31	05:09	Summa Cleaning Certification
ZZZZZZ	5W2462.D	01/18/14	14:34	06:12	(unrelated sample)
ZZZZZZ	5W2463.D	01/18/14	15:26	07:04	(unrelated sample)
JB57931-4	5W2464.D	01/18/14	16:16	07:54	(used for QC only; not part of job JB58146)
JB57931-4DUP	5W2465.D	01/18/14	17:05	08:43	Duplicate
ZZZZZZ	5W2466.D	01/18/14	17:49	09:27	(unrelated sample)
ZZZZZZ	5W2468.D	01/18/14	19:22	11:00	(unrelated sample)
ZZZZZZ	5W2469.D	01/18/14	20:05	11:43	(unrelated sample)
ZZZZZZ	5W2470.D	01/18/14	20:50	12:28	(unrelated sample)
ZZZZZZ	5W2472.D	01/18/14	22:21	13:59	(unrelated sample)
ZZZZZZ	5W2474.D	01/18/14	23:54	15:32	(unrelated sample)
JB58146-1	5W2475.D	01/19/14	00:38	16:16	SV-1
JB58146-2	5W2476.D	01/19/14	01:22	17:00	SV-2
JB58146-3	5W2477.D	01/19/14	02:06	17:44	SV-3
ZZZZZZ	5W2479.D	01/19/14	03:35	19:13	(unrelated sample)
ZZZZZZ	5W2480.D	01/19/14	04:19	19:57	(unrelated sample)
ZZZZZZ	5W2481.D	01/19/14	05:05	20:43	(unrelated sample)

Volatile Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Check Std:	V3W1456-CC1416	**Injection Date:**	01/07/14
Lab File ID:	3W38126.D	**Injection Time:**	09:48
Instrument ID:	GCMS3W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	101323	7.29	510529	8.88	251069	13.02
Upper Limit [a]	141852	7.62	714741	9.21	351497	13.35
Lower Limit [b]	60794	6.96	306317	8.55	150641	12.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V3W1456-BS2	102064	7.29	516452	8.88	253175	13.02
V3W1457-BS	102064	7.29	516452	8.88	253175	13.02
V3W1456-BSD2	103995	7.29	534270	8.88	263827	13.02
V3W1457-BSD	103995	7.29	534270	8.88	263827	13.02
V3W1457-MB	102773	7.29	523609	8.88	232839	13.02
V3W1456-MB2	102773	7.29	523609	8.88	232839	13.02
JB56989-1DUP	102107	7.28	513324	8.87	288877	13.01
V3W1457-SCC	101753	7.28	511651	8.88	226643	13.02
JB55642-11R	101237	7.29	525342	8.88	236684	13.01
JB55642-11RDUP	99821	7.30	514372	8.88	235592	13.02
ZZZZZZ	92124	7.30	479316	8.88	221087	13.02
ZZZZZZ	92129	7.29	478561	8.88	221348	13.02
ZZZZZZ	94792	7.27	473205	8.86	214659	13.01
ZZZZZZ	93324	7.26	468088	8.86	216644	13.01
ZZZZZZ	94231	7.27	472217	8.86	219402	13.01
ZZZZZZ	90541	7.27	459984	8.86	210356	13.01
ZZZZZZ	89844	7.26	451519	8.86	207574	13.01
ZZZZZZ	87749	7.26	447129	8.86	205619	13.01
ZZZZZZ	86533	7.26	444694	8.86	207868	13.01
ZZZZZZ	87862	7.26	447928	8.86	210845	13.01
ZZZZZZ	85289	7.26	442687	8.86	205954	13.01

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Check Std:	V3W1457-CC1416	**Injection Date:**	01/07/14
Lab File ID:	3W38126.D	**Injection Time:**	09:48
Instrument ID:	GCMS3W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	101323	7.29	510529	8.88	251069	13.02
Upper Limit [a]	141852	7.62	714741	9.21	351497	13.35
Lower Limit [b]	60794	6.96	306317	8.55	150641	12.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V3W1456-BS2	102064	7.29	516452	8.88	253175	13.02
V3W1457-BS	102064	7.29	516452	8.88	253175	13.02
V3W1456-BSD2	103995	7.29	534270	8.88	263827	13.02
V3W1457-BSD	103995	7.29	534270	8.88	263827	13.02
V3W1457-MB	102773	7.29	523609	8.88	232839	13.02
V3W1456-MB2	102773	7.29	523609	8.88	232839	13.02
JB56989-1DUP	102107	7.28	513324	8.87	288877	13.01
V3W1457-SCC	101753	7.28	511651	8.88	226643	13.02
JB55642-11R	101237	7.29	525342	8.88	236684	13.01
JB55642-11RDUP	99821	7.30	514372	8.88	235592	13.02
ZZZZZZ	92124	7.30	479316	8.88	221087	13.02
ZZZZZZ	92129	7.29	478561	8.88	221348	13.02
ZZZZZZ	94792	7.27	473205	8.86	214659	13.01
ZZZZZZ	93324	7.26	468088	8.86	216644	13.01
ZZZZZZ	94231	7.27	472217	8.86	219402	13.01
ZZZZZZ	90541	7.27	459984	8.86	210356	13.01
ZZZZZZ	89844	7.26	451519	8.86	207574	13.01
ZZZZZZ	87749	7.26	447129	8.86	205619	13.01
ZZZZZZ	86533	7.26	444694	8.86	207868	13.01
ZZZZZZ	87862	7.26	447928	8.86	210845	13.01
ZZZZZZ	85289	7.26	442687	8.86	205954	13.01

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Check Std:	V3W1466-CC1462	**Injection Date:**	01/20/14
Lab File ID:	3W38385.D	**Injection Time:**	11:24
Instrument ID:	GCMS3W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	174435	7.28	894992	8.87	429027	13.02
Upper Limit [a]	244209	7.61	1252989	9.20	600638	13.35
Lower Limit [b]	104661	6.95	536995	8.54	257416	12.69

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V3W1466-BS	160572	7.28	806580	8.87	393765	13.02
V3W1466-BSD	163252	7.27	816502	8.87	397782	13.02
V3W1466-MB	153084	7.27	767485	8.86	340778	13.01
ZZZZZZ	155167	7.27	779170	8.86	360262	13.01
ZZZZZZ	151849	7.27	757075	8.86	355060	13.01
ZZZZZZ	148649	7.27	738206	8.86	341028	13.01
ZZZZZZ	146265	7.28	778012	8.87	359408	13.02
JB57857-1	183283	7.22	899516	8.81	370287	12.99
JB57857-1DUP	192781	7.27	927622	8.84	421346	13.00
ZZZZZZ	203790	7.29	1042464	8.87	469751	13.02
ZZZZZZ	194235	7.29	1014577	8.87	450974	13.02
ZZZZZZ	192023	7.29	984968	8.87	430672	13.02
ZZZZZZ	180153	7.30	877575	8.88	415081	13.02
ZZZZZZ	178713	7.30	921060	8.88	416982	13.02
JB58146-4	167881	7.29	863803	8.88	394347	13.02
ZZZZZZ	168356	7.30	874930	8.88	501377	13.02
ZZZZZZ	183872	7.29	952003	8.87	445552	13.02
ZZZZZZ	191453	7.28	961895	8.87	432749	13.01
ZZZZZZ	183883	7.28	947055	8.87	418695	13.01
ZZZZZZ	173163	7.29	906373	8.87	539106	13.02
ZZZZZZ	176720	7.29	902924	8.87	481461	13.01

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Volatile Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Check Std:	V5W99-CC79	**Injection Date:**	01/18/14
Lab File ID:	5W2456.D	**Injection Time:**	09:11
Instrument ID:	GCMS5W	**Method:**	TO-15

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Check Std	69644	8.85	288575	11.07	170851	16.63
Upper Limit [a]	97502	9.18	404005	11.40	239191	16.96
Lower Limit [b]	41786	8.52	173145	10.74	102511	16.30

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V5W99-BS	72307	8.85	299723	11.07	174073	16.63
V5W99-BSD	72968	8.85	300034	11.07	172711	16.63
V5W99-MB	69739	8.85	287348	11.07	156975	16.63
V5W99-SCC	68384	8.85	278709	11.07	151298	16.63
ZZZZZZ	69689	8.86	281868	11.07	154839	16.63
ZZZZZZ	68013	8.88	274729	11.09	151455	16.63
JB57931-4	67900	8.91	281775	11.10	158575	16.64
JB57931-4DUP	67948	8.91	279970	11.10	156081	16.63
ZZZZZZ	71541	8.86	294220	11.07	159784	16.63
ZZZZZZ	67723	8.90	276270	11.09	156100	16.63
ZZZZZZ	65502	8.85	269040	11.07	152142	16.63
ZZZZZZ	69795	8.89	292499	11.09	192290	16.63
ZZZZZZ	85676	8.85	359699	11.07	203618	16.63
ZZZZZZ	68361	8.85	280532	11.07	155212	16.63
JB58146-1	68971	8.86	286334	11.07	157727	16.63
JB58146-2	66724	8.86	271360	11.07	152068	16.63
JB58146-3	68958	8.86	281658	11.07	153419	16.63
ZZZZZZ	67176	8.85	276216	11.06	155068	16.63
ZZZZZZ	66741	8.86	274303	11.07	151770	16.63
ZZZZZZ	65446	8.85	267554	11.07	150770	16.63

IS 1 = Bromochloromethane
IS 2 = 1,4-Difluorobenzene
IS 3 = Chlorobenzene-D5

(a) Upper Limit = + 40% of check standard area; Retention time + 0.33 minutes.
(b) Lower Limit = -40% of check standard area; Retention time -0.33 minutes.

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.30	0.716	ok	0.718	0.658-0.778
Acrylonitrile	5.51	7.30	0.755	ok	0.756	0.696-0.816
Acetonitrile	5.11	7.30	0.700	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.30	0.637	ok	0.637	0.577-0.697
Benzene	8.57	8.89	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.91	13.04	1.143	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.89	1.065	ok	1.066	1.006-1.126
Bromoform	13.74	13.04	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.30	0.659	ok	0.659	0.599-0.719
Bromoethene	5.09	7.30	0.697	ok	0.698	0.638-0.758
n-Butane	4.67	7.30	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.35	13.04	1.254	ok	1.255	1.195-1.315
n-Butylbenzene	17.21	13.04	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.04	1.264	ok	1.265	1.205-1.325
tert-Butylbenzene	16.15	13.04	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.30	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.08	13.04	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.31	7.30	0.590	ok	0.590	0.530-0.650
Chloroethane	4.89	7.30	0.670	ok	0.671	0.611-0.731
Chloroform	7.38	7.30	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.30	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.30	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.35	13.04	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.70	7.30	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.89	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.30	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.30	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.88	13.04	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.30	1.090	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.89	1.040	ok	1.041	0.981-1.101
1,4-Dioxane	9.53	8.89	1.072	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.30	0.597	ok	0.598	0.538-0.658
Dibromochloromethane	11.67	13.04	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.89	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.30	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.18	7.30	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.89	1.160	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.35	13.04	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.87	13.04	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.44	13.04	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.82	8.89	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.23	7.30	0.990	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.92	8.89	1.003	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.30	1.085	ok	1.086	1.026-1.146
Ethanol	4.97	7.30	0.681	ok	0.682	0.622-0.742
Ethylbenzene	13.45	13.04	1.031	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.30	1.000	ok	1.002	0.942-1.062
4-Ethyltoluene	15.56	13.04	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.30	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.30	0.616	ok	0.617	0.557-0.677
Freon 123	5.15	7.30	0.705	ok	0.707	0.647-0.767
Freon 123A	5.19	7.30	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.30	0.586	ok	0.587	0.527-0.647
Heptane	9.68	8.89	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.04	1.496	ok	1.497	1.437-1.557
Hexachloroethane	17.68	13.04	1.356	ok	1.356	1.296-1.416
Hexane	7.22	7.30	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.04	0.881	ok	0.882	0.822-0.942
Iodomethane	5.67	7.30	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.80	13.04	1.135	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.37	7.30	0.736	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.68	13.04	1.279	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.30	0.793	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.80	7.30	0.932	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.30	8.89	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.30	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.70	8.89	1.091	ok	1.092	1.032-1.152
Naphthalene	19.08	13.04	1.463	ok	1.464	1.404-1.524
Nonane	14.35	13.04	1.100	ok	1.101	1.041-1.161
Octane	12.16	13.04	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.30	0.752	ok	0.753	0.693-0.813
n-Propylbenzene	15.39	13.04	1.180	ok	1.180	1.120-1.240
Propylene	4.32	7.30	0.592	ok	0.593	0.533-0.653
Styrene	14.05	13.04	1.077	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.30	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.06	13.04	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.17	13.04	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.98	8.89	1.235	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.95	13.04	1.453	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.30	13.04	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.16	13.04	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.65	13.04	1.200	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.43	8.89	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.72	7.30	0.784	ok	0.787	0.727-0.847
Tetrachloroethylene	12.36	13.04	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.30	1.052	ok	1.055	0.995-1.115
Toluene	11.23	8.89	1.263	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.89	1.067	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.30	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.30	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.30	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.64	13.04	1.046	ok	1.046	0.986-1.106
o-Xylene	14.15	13.04	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.50	7.30	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.69	8.89	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.30	ok	7.29	6.96-7.62	103682	ok	105887	63532-148242
1,4-Difluorobenzene	8.89	ok	8.88	8.55-9.21	536419	ok	534151	320491-747811
Chlorobenzene-D5	13.04	ok	13.03	12.70-13.36	273947	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.30	0.716	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.30	0.756	ok	0.756	0.696-0.816
Acetonitrile	5.10	7.30	0.699	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.30	0.637	ok	0.637	0.577-0.697
Benzene	8.57	8.89	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.91	13.03	1.144	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.89	1.065	ok	1.066	1.006-1.126
Bromoform	13.74	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.30	0.659	ok	0.659	0.599-0.719
Bromoethene	5.09	7.30	0.697	ok	0.698	0.638-0.758
n-Butane	4.67	7.30	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.35	13.03	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.14	13.03	1.239	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.30	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.31	7.30	0.590	ok	0.590	0.530-0.650
Chloroethane	4.89	7.30	0.670	ok	0.671	0.611-0.731
Chloroform	7.38	7.30	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.30	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.30	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.35	13.03	1.178	ok	1.177	1.117-1.237
Carbon tetrachloride	8.70	7.30	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.89	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.30	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.30	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.87	13.03	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.30	1.090	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.89	1.040	ok	1.041	0.981-1.101
1,4-Dioxane	9.53	8.89	1.072	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.30	0.597	ok	0.598	0.538-0.658
Dibromochloromethane	11.67	13.03	0.896	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.89	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.30	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.18	7.30	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.89	1.160	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.82	8.89	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.23	7.30	0.990	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.93	8.89	1.004	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.30	1.085	ok	1.086	1.026-1.146
Ethanol	4.97	7.30	0.681	ok	0.682	0.622-0.742
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.30	1.000	ok	1.002	0.942-1.062
4-Ethyltoluene	15.56	13.03	1.194	ok	1.193	1.133-1.253
Freon 113	5.93	7.30	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.30	0.616	ok	0.617	0.557-0.677
Freon 123	5.15	7.30	0.705	ok	0.707	0.647-0.767
Freon 123A	5.19	7.30	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.30	0.586	ok	0.587	0.527-0.647
Heptane	9.68	8.89	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.68	13.03	1.357	ok	1.356	1.296-1.416
Hexane	7.22	7.30	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.03	0.882	ok	0.882	0.822-0.942
Iodomethane	5.67	7.30	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.80	13.03	1.136	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.37	7.30	0.736	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.68	13.03	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.30	0.793	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.79	7.30	0.930	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.29	8.89	1.157	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.30	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.89	1.090	ok	1.092	1.032-1.152
Naphthalene	19.08	13.03	1.464	ok	1.464	1.404-1.524
Nonane	14.35	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.16	13.03	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.30	0.752	ok	0.753	0.693-0.813
n-Propylbenzene	15.38	13.03	1.180	ok	1.180	1.120-1.240
Propylene	4.33	7.30	0.593	ok	0.593	0.533-0.653
Styrene	14.05	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.16	7.30	1.118	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.06	13.03	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.97	8.89	1.234	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.94	13.03	1.454	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.65	13.03	1.201	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.89	1.060	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.71	7.30	0.782	ok	0.787	0.727-0.847
Tetrachloroethylene	12.36	13.03	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.30	1.052	ok	1.055	0.995-1.115
Toluene	11.23	8.89	1.263	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.89	1.067	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.30	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.30	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.30	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.64	13.03	1.047	ok	1.046	0.986-1.106
o-Xylene	14.14	13.03	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.50	7.30	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.69	8.89	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.30	ok	7.29	6.96-7.62	102480	ok	105887	63532-148242
1,4-Difluorobenzene	8.89	ok	8.88	8.55-9.21	524322	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	261805	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.29	0.717	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.29	0.757	ok	0.756	0.696-0.816
Acetonitrile	5.11	7.29	0.701	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.29	0.638	ok	0.637	0.577-0.697
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.90	13.03	1.144	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.88	1.066	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.29	0.660	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.698	0.638-0.758
n-Butane	4.67	7.29	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.35	13.03	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.14	13.03	1.239	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.29	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.31	7.29	0.591	ok	0.590	0.530-0.650
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.29	0.612	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.29	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.69	7.29	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.88	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.29	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.29	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.87	13.03	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.041	0.981-1.101
1,4-Dioxane	9.53	8.88	1.073	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.29	0.598	ok	0.598	0.538-0.658
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.88	1.045	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.29	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.18	7.29	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.88	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.81	8.88	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.23	7.29	0.992	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.92	8.88	1.005	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethanol	4.96	7.29	0.680	ok	0.682	0.622-0.742
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.29	7.29	1.000	ok	1.002	0.942-1.062
4-Ethyltoluene	15.55	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.29	0.813	ok	0.813	0.753-0.873
Freon 114	4.50	7.29	0.617	ok	0.617	0.557-0.677
Freon 123	5.15	7.29	0.706	ok	0.707	0.647-0.767
Freon 123A	5.19	7.29	0.712	ok	0.711	0.651-0.771
Freon 152A	4.28	7.29	0.587	ok	0.587	0.527-0.647
Heptane	9.68	8.88	1.090	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.68	13.03	1.357	ok	1.356	1.296-1.416
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.48	13.03	0.881	ok	0.882	0.822-0.942
Iodomethane	5.67	7.29	0.778	ok	0.777	0.717-0.837
Isopropylbenzene	14.79	13.03	1.135	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.37	7.29	0.737	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.68	13.03	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.29	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.79	7.29	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.29	8.88	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.29	0.896	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.88	1.091	ok	1.092	1.032-1.152
Naphthalene	19.08	13.03	1.464	ok	1.464	1.404-1.524
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
n-Propylbenzene	15.38	13.03	1.180	ok	1.180	1.120-1.240
Propylene	4.33	7.29	0.594	ok	0.593	0.533-0.653
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.16	7.29	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.05	13.03	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.97	8.88	1.235	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.94	13.03	1.454	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.28	13.03	1.096	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.65	13.03	1.201	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.71	7.29	0.783	ok	0.787	0.727-0.847
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.29	1.053	ok	1.055	0.995-1.115
Toluene	11.22	8.88	1.264	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.88	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.29	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.29	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.29	0.909	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.03	1.046	ok	1.046	0.986-1.106
o-Xylene	14.14	13.03	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.50	7.29	0.754	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.69	8.88	1.091	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	107613	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	546262	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	267615	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.29	0.717	ok	0.718	0.658-0.778
Acrylonitrile	5.51	7.29	0.756	ok	0.756	0.696-0.816
Acetonitrile	5.12	7.29	0.702	ok	0.701	0.641-0.761
1,3-Butadiene	4.64	7.29	0.636	ok	0.637	0.577-0.697
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.90	13.03	1.144	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.88	1.066	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.29	0.660	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.698	0.638-0.758
n-Butane	4.67	7.29	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.03	1.254	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.03	1.319	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.03	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.29	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.30	7.29	0.590	ok	0.590	0.530-0.650
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.29	0.612	ok	0.612	0.552-0.672
3-Chloropropene	5.84	7.29	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.69	7.29	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.88	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.29	0.894	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.29	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.03	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.041	0.981-1.101
1,4-Dioxane	9.54	8.88	1.074	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.29	0.598	ok	0.598	0.538-0.658
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.88	1.045	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.29	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.17	7.29	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.88	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.81	8.88	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.23	7.29	0.992	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.92	8.88	1.005	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethanol	4.97	7.29	0.682	ok	0.682	0.622-0.742
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.29	1.001	ok	1.002	0.942-1.062
4-Ethyltoluene	15.55	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.29	0.813	ok	0.813	0.753-0.873
Freon 114	4.50	7.29	0.617	ok	0.617	0.557-0.677
Freon 123	5.15	7.29	0.706	ok	0.707	0.647-0.767
Freon 123A	5.18	7.29	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.29	0.587	ok	0.587	0.527-0.647
Heptane	9.68	8.88	1.090	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.67	13.03	1.356	ok	1.356	1.296-1.416
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.03	0.882	ok	0.882	0.822-0.942
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.79	13.03	1.135	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.37	7.29	0.737	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.67	13.03	1.279	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.29	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.80	7.29	0.933	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.30	8.88	1.160	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.29	0.896	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.88	1.091	ok	1.092	1.032-1.152
Naphthalene	19.07	13.03	1.464	ok	1.464	1.404-1.524
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
n-Propylbenzene	15.37	13.03	1.180	ok	1.180	1.120-1.240
Propylene	4.32	7.29	0.593	ok	0.593	0.533-0.653
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.29	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.05	13.03	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.96	8.88	1.234	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.94	13.03	1.454	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.65	13.03	1.201	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.72	7.29	0.785	ok	0.787	0.727-0.847
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.29	1.053	ok	1.055	0.995-1.115
Toluene	11.23	8.88	1.265	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.88	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.29	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.29	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.62	7.29	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.03	1.046	ok	1.046	0.986-1.106
o-Xylene	14.14	13.03	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.68	8.88	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	100560	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	508531	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	244026	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3-Butadiene	4.65	7.29	0.638	ok	0.637	0.577-0.697
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.90	13.03	1.144	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.88	1.066	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.80	7.29	0.658	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.698	0.638-0.758
Benzyl Chloride	16.35	13.03	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.03	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.29	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.011	0.951-1.071
3-Chloropropene	5.85	7.29	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.69	7.29	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.73	8.88	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.29	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.29	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.03	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.041	0.981-1.101
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.88	1.045	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.36	7.29	0.872	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.17	7.29	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.88	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.81	8.88	1.217	ok	1.217	1.157-1.277
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.32	7.29	1.004	ok	1.002	0.942-1.062
4-Ethyltoluene	15.54	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.29	0.813	ok	0.813	0.753-0.873

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Freon 114	4.50	7.29	0.617	ok	0.617	0.557-0.677
Freon 123	5.16	7.29	0.708	ok	0.707	0.647-0.767
Freon 123A	5.18	7.29	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.29	0.587	ok	0.587	0.527-0.647
Heptane	9.67	8.88	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.50	13.03	1.497	ok	1.497	1.437-1.557
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.53	13.03	0.885	ok	0.882	0.822-0.942
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.03	1.134	ok	1.135	1.075-1.195
p-Isopropyltoluene	16.67	13.03	1.279	ok	1.280	1.220-1.340
Methyl ethyl ketone	6.85	7.29	0.940	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.35	8.88	1.166	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.57	7.29	0.901	ok	0.897	0.837-0.957
Methylmethacrylate	9.71	8.88	1.093	ok	1.092	1.032-1.152
Nonane	14.35	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
n-Propylbenzene	15.38	13.03	1.180	ok	1.180	1.120-1.240
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.29	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.06	13.03	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.97	8.88	1.235	ok	1.235	1.175-1.295
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.64	13.03	1.200	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.77	7.29	0.791	ok	0.787	0.727-0.847
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.74	7.29	1.062	ok	1.055	0.995-1.115
Toluene	11.23	8.88	1.265	ok	1.264	1.204-1.324
Trichloroethylene	9.50	8.88	1.070	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.29	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.29	0.628	ok	0.628	0.568-0.688
m,p-Xylene	13.63	13.03	1.046	ok	1.046	0.986-1.106
o-Xylene	14.13	13.03	1.084	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.67	8.88	1.089	ok	1.090	1.030-1.150

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	101958	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	510611	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	221279	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetonitrile	5.13	7.29	0.704	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.29	0.638	ok	0.637	0.577-0.697
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.03	1.143	ok	1.143	1.083-1.203
Bromodichloromethane	9.46	8.88	1.065	ok	1.066	1.006-1.126
Bromoform	13.72	13.03	1.053	ok	1.054	0.994-1.114
Bromomethane	4.81	7.29	0.660	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.698	0.638-0.758
sec-Butylbenzene	16.47	13.03	1.264	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.03	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.99	7.29	0.822	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chloroethane	4.88	7.29	0.669	ok	0.671	0.611-0.731
Chloroform	7.36	7.29	1.010	ok	1.011	0.951-1.071
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.71	7.29	1.195	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.88	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.29	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.29	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.87	13.03	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.091	1.031-1.151
Dichlorodifluoromethane	4.36	7.29	0.598	ok	0.598	0.538-0.658
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.27	8.88	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.29	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.19	7.29	0.986	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.32	8.88	1.162	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.82	8.88	1.218	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.26	7.29	0.996	ok	0.992	0.932-1.052
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
4-Ethyltoluene	15.55	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.94	7.29	0.815	ok	0.813	0.753-0.873
Freon 114	4.51	7.29	0.619	ok	0.617	0.557-0.677
Freon 123	5.17	7.29	0.709	ok	0.707	0.647-0.767

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Freon 123A	5.18	7.29	0.711	ok	0.711	0.651-0.771
Freon 152A	4.30	7.29	0.590	ok	0.587	0.527-0.647
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.79	13.03	1.135	ok	1.135	1.075-1.195
p-Isopropyltoluene	16.68	13.03	1.280	ok	1.280	1.220-1.340
Methyl Tert Butyl Ether	6.57	7.29	0.901	ok	0.897	0.837-0.957
Methylmethacrylate	9.72	8.88	1.095	ok	1.092	1.032-1.152
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.16	13.03	0.933	ok	0.933	0.873-0.993
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.29	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.05	13.03	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.96	8.88	1.234	ok	1.235	1.175-1.295
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.64	13.03	1.200	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.80	7.29	0.796	ok	0.787	0.727-0.847
Tetrachloroethylene	12.36	13.03	0.949	ok	0.948	0.888-1.008
Toluene	11.23	8.88	1.265	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.88	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.33	7.29	0.731	ok	0.730	0.670-0.790
Vinyl chloride	4.57	7.29	0.627	ok	0.628	0.568-0.688
m,p-Xylene	13.63	13.03	1.046	ok	1.046	0.986-1.106
o-Xylene	14.14	13.03	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Heptane	9.69	8.88	1.091	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	103696	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	515997	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	226042	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.30	0.716	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.30	0.756	ok	0.756	0.696-0.816
Acetonitrile	5.11	7.30	0.700	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.30	0.637	ok	0.637	0.577-0.697
Benzene	8.57	8.90	0.963	ok	0.965	0.905-1.025
Bromobenzene	14.91	13.04	1.143	ok	1.143	1.083-1.203
Bromodichloromethane	9.48	8.90	1.065	ok	1.066	1.006-1.126
Bromoform	13.75	13.04	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.30	0.659	ok	0.659	0.599-0.719
Bromoethene	5.10	7.30	0.699	ok	0.698	0.638-0.758
n-Butane	4.67	7.30	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.37	13.04	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.21	13.04	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.49	13.04	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.15	13.04	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.30	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.09	13.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.31	7.30	0.590	ok	0.590	0.530-0.650
Chloroethane	4.90	7.30	0.671	ok	0.671	0.611-0.731
Chloroform	7.38	7.30	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.30	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.30	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.36	13.04	1.178	ok	1.177	1.117-1.237
Carbon tetrachloride	8.70	7.30	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.90	0.982	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.30	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.30	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.88	13.04	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.30	1.090	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.26	8.90	1.040	ok	1.041	0.981-1.101
1,4-Dioxane	9.53	8.90	1.071	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.30	0.597	ok	0.598	0.538-0.658
Dibromochloromethane	11.68	13.04	0.896	ok	0.895	0.835-0.955
Dibromomethane	9.29	8.90	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.30	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.19	7.30	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.32	8.90	1.160	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.35	13.04	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.88	13.04	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.44	13.04	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.82	8.90	1.216	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.23	7.30	0.990	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.93	8.90	1.003	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.30	1.085	ok	1.086	1.026-1.146
Ethanol	4.97	7.30	0.681	ok	0.682	0.622-0.742
Ethylbenzene	13.46	13.04	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.30	1.000	ok	1.002	0.942-1.062
4-Ethyltoluene	15.56	13.04	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.30	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.30	0.616	ok	0.617	0.557-0.677
Freon 123	5.16	7.30	0.707	ok	0.707	0.647-0.767
Freon 123A	5.19	7.30	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.30	0.586	ok	0.587	0.527-0.647
Heptane	9.69	8.90	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.52	13.04	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.69	13.04	1.357	ok	1.356	1.296-1.416
Hexane	7.22	7.30	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.04	0.881	ok	0.882	0.822-0.942
Iodomethane	5.67	7.30	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.80	13.04	1.135	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.38	7.30	0.737	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.69	13.04	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.30	0.793	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.80	7.30	0.932	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.31	8.90	1.158	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.30	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.70	8.90	1.090	ok	1.092	1.032-1.152
Naphthalene	19.09	13.04	1.464	ok	1.464	1.404-1.524
Nonane	14.35	13.04	1.100	ok	1.101	1.041-1.161
Octane	12.16	13.04	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.30	0.752	ok	0.753	0.693-0.813
n-Propylbenzene	15.39	13.04	1.180	ok	1.180	1.120-1.240
Propylene	4.33	7.30	0.593	ok	0.593	0.533-0.653
Styrene	14.05	13.04	1.077	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.30	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.06	13.04	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.18	13.04	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.98	8.90	1.234	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.95	13.04	1.453	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.30	13.04	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.16	13.04	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.67	13.04	1.202	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.43	8.90	1.060	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.73	7.30	0.785	ok	0.787	0.727-0.847
Tetrachloroethylene	12.36	13.04	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.30	1.052	ok	1.055	0.995-1.115
Toluene	11.24	8.90	1.263	ok	1.264	1.204-1.324
Trichloroethylene	9.50	8.90	1.067	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.30	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.30	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.30	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.65	13.04	1.047	ok	1.046	0.986-1.106
o-Xylene	14.15	13.04	1.085	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.50	7.30	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.69	8.90	1.089	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.30	ok	7.29	6.96-7.62	108831	ok	105887	63532-148242
1,4-Difluorobenzene	8.90	ok	8.88	8.55-9.21	548404	ok	534151	320491-747811
Chlorobenzene-D5	13.04	ok	13.03	12.70-13.36	288538	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.23	7.30	0.716	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.30	0.756	ok	0.756	0.696-0.816
Acetonitrile	5.12	7.30	0.701	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.30	0.637	ok	0.637	0.577-0.697
Benzene	8.58	8.89	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.92	13.04	1.144	ok	1.143	1.083-1.203
Bromodichloromethane	9.49	8.89	1.067	ok	1.066	1.006-1.126
Bromoform	13.76	13.04	1.055	ok	1.054	0.994-1.114
Bromomethane	4.81	7.30	0.659	ok	0.659	0.599-0.719
Bromoethene	5.10	7.30	0.699	ok	0.698	0.638-0.758
n-Butane	4.67	7.30	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.37	13.04	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.22	13.04	1.321	ok	1.320	1.260-1.380
sec-Butylbenzene	16.50	13.04	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.16	13.04	1.239	ok	1.238	1.178-1.298
Carbon disulfide	5.99	7.30	0.821	ok	0.820	0.760-0.880
Chlorobenzene	13.09	13.04	1.004	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.31	7.30	0.590	ok	0.590	0.530-0.650
Chloroethane	4.90	7.30	0.671	ok	0.671	0.611-0.731
Chloroform	7.39	7.30	1.012	ok	1.011	0.951-1.071
Chloromethane	4.46	7.30	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.30	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.36	13.04	1.178	ok	1.177	1.117-1.237
Carbon tetrachloride	8.71	7.30	1.193	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.89	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.30	0.895	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.71	7.30	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.89	13.04	0.912	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.97	7.30	1.092	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.27	8.89	1.043	ok	1.041	0.981-1.101
1,4-Dioxane	9.55	8.89	1.074	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.36	7.30	0.597	ok	0.598	0.538-0.658
Dibromochloromethane	11.68	13.04	0.896	ok	0.895	0.835-0.955
Dibromomethane	9.29	8.89	1.045	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.30	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.19	7.30	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.32	8.89	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.37	13.04	1.255	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.88	13.04	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.45	13.04	1.262	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.83	8.89	1.218	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.24	7.30	0.992	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.93	8.89	1.004	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.93	7.30	1.086	ok	1.086	1.026-1.146
Ethanol	4.98	7.30	0.682	ok	0.682	0.622-0.742
Ethylbenzene	13.46	13.04	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.31	7.30	1.001	ok	1.002	0.942-1.062
4-Ethyltoluene	15.57	13.04	1.194	ok	1.193	1.133-1.253
Freon 113	5.93	7.30	0.812	ok	0.813	0.753-0.873
Freon 114	4.51	7.30	0.618	ok	0.617	0.557-0.677
Freon 123	5.16	7.30	0.707	ok	0.707	0.647-0.767
Freon 123A	5.19	7.30	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.30	0.586	ok	0.587	0.527-0.647
Heptane	9.69	8.89	1.090	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.52	13.04	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.69	13.04	1.357	ok	1.356	1.296-1.416
Hexane	7.23	7.30	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.50	13.04	0.882	ok	0.882	0.822-0.942
Iodomethane	5.67	7.30	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.81	13.04	1.136	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.38	7.30	0.737	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.69	13.04	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.80	7.30	0.795	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.80	7.30	0.932	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.31	8.89	1.160	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.30	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.70	8.89	1.091	ok	1.092	1.032-1.152
Naphthalene	19.09	13.04	1.464	ok	1.464	1.404-1.524
Nonane	14.35	13.04	1.100	ok	1.101	1.041-1.161
Octane	12.16	13.04	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.30	0.752	ok	0.753	0.693-0.813
n-Propylbenzene	15.40	13.04	1.181	ok	1.180	1.120-1.240
Propylene	4.33	7.30	0.593	ok	0.593	0.533-0.653
Styrene	14.06	13.04	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.30	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.07	13.04	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.18	13.04	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.99	8.89	1.236	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.95	13.04	1.453	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.31	13.04	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.17	13.04	1.240	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.67	13.04	1.202	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.44	8.89	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.73	7.30	0.785	ok	0.787	0.727-0.847
Tetrachloroethylene	12.36	13.04	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.68	7.30	1.052	ok	1.055	0.995-1.115
Toluene	11.24	8.89	1.264	ok	1.264	1.204-1.324
Trichloroethylene	9.50	8.89	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.33	7.30	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.30	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.30	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.65	13.04	1.047	ok	1.046	0.986-1.106
o-Xylene	14.16	13.04	1.086	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.50	7.30	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.69	8.89	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.30	ok	7.29	6.96-7.62	114238	ok	105887	63532-148242
1,4-Difluorobenzene	8.89	ok	8.88	8.55-9.21	574546	ok	534151	320491-747811
Chlorobenzene-D5	13.04	ok	13.03	12.70-13.36	306720	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.24	7.29	0.719	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.29	0.757	ok	0.756	0.696-0.816
Acetonitrile	5.12	7.29	0.702	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.29	0.638	ok	0.637	0.577-0.697
Benzene	8.56	8.88	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.03	1.143	ok	1.143	1.083-1.203
Bromodichloromethane	9.46	8.88	1.065	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.29	0.660	ok	0.659	0.599-0.719
Bromoethene	5.10	7.29	0.700	ok	0.698	0.638-0.758
n-Butane	4.67	7.29	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.03	1.254	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.03	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.98	7.29	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.30	7.29	0.590	ok	0.590	0.530-0.650
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.011	0.951-1.071
Chloromethane	4.47	7.29	0.613	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.29	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.69	7.29	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.88	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.29	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.70	7.29	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.03	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.95	7.29	1.091	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.041	0.981-1.101
1,4-Dioxane	9.58	8.88	1.079	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.37	7.29	0.599	ok	0.598	0.538-0.658
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.27	8.88	1.044	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.38	7.29	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.17	7.29	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.30	8.88	1.160	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.42	13.03	1.260	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.81	8.88	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.24	7.29	0.993	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.92	8.88	1.005	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethanol	4.99	7.29	0.684	ok	0.682	0.622-0.742
Ethylbenzene	13.44	13.03	1.031	ok	1.032	0.972-1.092
Ethyl Acetate	7.31	7.29	1.003	ok	1.002	0.942-1.062
4-Ethyltoluene	15.54	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.29	0.813	ok	0.813	0.753-0.873
Freon 114	4.51	7.29	0.619	ok	0.617	0.557-0.677
Freon 123	5.15	7.29	0.706	ok	0.707	0.647-0.767
Freon 123A	5.19	7.29	0.712	ok	0.711	0.651-0.771
Freon 152A	4.28	7.29	0.587	ok	0.587	0.527-0.647
Heptane	9.67	8.88	1.089	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.67	13.03	1.356	ok	1.356	1.296-1.416
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.50	13.03	0.883	ok	0.882	0.822-0.942
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.03	1.134	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.39	7.29	0.739	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.68	13.03	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.29	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.82	7.29	0.936	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.32	8.88	1.162	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.55	7.29	0.898	ok	0.897	0.837-0.957
Methylmethacrylate	9.70	8.88	1.092	ok	1.092	1.032-1.152
Naphthalene	19.07	13.03	1.464	ok	1.464	1.404-1.524
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
n-Propylbenzene	15.37	13.03	1.180	ok	1.180	1.120-1.240
Propylene	4.33	7.29	0.594	ok	0.593	0.533-0.653
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.16	7.29	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.05	13.03	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.03	1.086	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.96	8.88	1.234	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.93	13.03	1.453	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.14	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.64	13.03	1.200	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.75	7.29	0.789	ok	0.787	0.727-0.847
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.72	7.29	1.059	ok	1.055	0.995-1.115
Toluene	11.23	8.88	1.265	ok	1.264	1.204-1.324
Trichloroethylene	9.48	8.88	1.068	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.32	7.29	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.29	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.29	0.909	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.03	1.046	ok	1.046	0.986-1.106
o-Xylene	14.13	13.03	1.084	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.68	8.88	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	108950	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	540139	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	246059	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.26	7.29	0.722	ok	0.718	0.658-0.778
Acrylonitrile	5.52	7.29	0.757	ok	0.756	0.696-0.816
Acetonitrile	5.13	7.29	0.704	ok	0.701	0.641-0.761
1,3-Butadiene	4.65	7.29	0.638	ok	0.637	0.577-0.697
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.03	1.143	ok	1.143	1.083-1.203
Bromodichloromethane	9.47	8.88	1.066	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.81	7.29	0.660	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.698	0.638-0.758
n-Butane	4.67	7.29	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.03	1.254	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.320	1.260-1.380
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.03	1.238	ok	1.238	1.178-1.298
Carbon disulfide	5.97	7.29	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.003	0.943-1.063
Chlorodifluoromethane	4.30	7.29	0.590	ok	0.590	0.530-0.650
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.011	0.951-1.071
Chloromethane	4.46	7.29	0.612	ok	0.612	0.552-0.672
3-Chloropropene	5.85	7.29	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.177	1.117-1.237
Carbon tetrachloride	8.69	7.29	1.192	ok	1.192	1.132-1.252
Cyclohexane	8.74	8.88	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.53	7.29	0.896	ok	0.895	0.835-0.955
1,1-Dichloroethylene	5.72	7.29	0.785	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.03	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.091	1.031-1.151
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.041	0.981-1.101
1,4-Dioxane	9.62	8.88	1.083	ok	1.075	1.015-1.135
Dichlorodifluoromethane	4.38	7.29	0.601	ok	0.598	0.538-0.658
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.88	1.045	ok	1.044	0.984-1.104
trans-1,2-Dichloroethylene	6.37	7.29	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.18	7.29	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.88	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.254	1.194-1.314

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.294	1.234-1.354
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.261	1.201-1.321
trans-1,3-Dichloropropene	10.81	8.88	1.217	ok	1.217	1.157-1.277
Di-Isopropyl ether	7.25	7.29	0.995	ok	0.992	0.932-1.052
2,3-Dimethylpentane	8.93	8.88	1.006	ok	1.004	0.944-1.064
2,4-Dimethylpentane	7.92	7.29	1.086	ok	1.086	1.026-1.146
Ethanol	5.01	7.29	0.687	ok	0.682	0.622-0.742
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.32	7.29	1.004	ok	1.002	0.942-1.062
4-Ethyltoluene	15.55	13.03	1.193	ok	1.193	1.133-1.253
Freon 113	5.93	7.29	0.813	ok	0.813	0.753-0.873
Freon 114	4.51	7.29	0.619	ok	0.617	0.557-0.677
Freon 123	5.15	7.29	0.706	ok	0.707	0.647-0.767
Freon 123A	5.18	7.29	0.711	ok	0.711	0.651-0.771
Freon 152A	4.29	7.29	0.588	ok	0.587	0.527-0.647
Heptane	9.68	8.88	1.090	ok	1.089	1.029-1.149
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.497	1.437-1.557
Hexachloroethane	17.67	13.03	1.356	ok	1.356	1.296-1.416
Hexane	7.22	7.29	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.53	13.03	0.885	ok	0.882	0.822-0.942
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.03	1.134	ok	1.135	1.075-1.195
Isopropyl Alcohol	5.42	7.29	0.743	ok	0.738	0.678-0.798
p-Isopropyltoluene	16.67	13.03	1.279	ok	1.280	1.220-1.340
Methylene chloride	5.80	7.29	0.796	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.83	7.29	0.937	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.34	8.88	1.164	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.57	7.29	0.901	ok	0.897	0.837-0.957
Methylmethacrylate	9.71	8.88	1.093	ok	1.092	1.032-1.152
Naphthalene	19.08	13.03	1.464	ok	1.464	1.404-1.524
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.50	7.29	0.754	ok	0.753	0.693-0.813
n-Propylbenzene	15.38	13.03	1.180	ok	1.180	1.120-1.240
Propylene	4.32	7.29	0.593	ok	0.593	0.533-0.653
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.17	7.29	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.03	1.001	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1416-IC1416	3W36935.D	11/06/13 23:19	YMH	20	GCMS3W	TO-15	
V3W1416-IC1416	3W36936.D	11/06/13 23:59	YMH	15	GCMS3W	TO-15	
V3W1416-ICC1416	3W36937.D	11/07/13 00:38	YMH	10	GCMS3W	TO-15	
V3W1416-IC1416	3W36938.D	11/07/13 01:16	YMH	5	GCMS3W	TO-15	
V3W1416-IC1416	3W36940.D	11/07/13 02:38	YMH	0.1	GCMS3W	TO-15	
V3W1416-IC1416	3W36941.D	11/07/13 03:16	YMH	0.04	GCMS3W	TO-15	
V3W1416-IC1416	3W36942.D	11/07/13 03:57	YMH	30	GCMS3W	TO-15	
V3W1416-IC1416	3W36944.D	11/07/13 05:21	YMH	40	GCMS3W	TO-15	
V3W1416-IC1416	3W36947.D	11/07/13 09:25	YMH	0.5	GCMS3W	TO-15	
V3W1416-IC1416	3W36948.D	11/07/13 10:03	YMH	0.2	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.97	8.88	1.235	ok	1.235	1.175-1.295
1,2,4-Trichlorobenzene	18.94	13.03	1.454	ok	1.453	1.393-1.513
1,2,3-Trichloropropane	14.28	13.03	1.096	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
1,3,5-Trimethylbenzene	15.65	13.03	1.201	ok	1.201	1.141-1.261
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.77	7.29	0.791	ok	0.787	0.727-0.847
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.75	7.29	1.063	ok	1.055	0.995-1.115
Toluene	11.23	8.88	1.265	ok	1.264	1.204-1.324
Trichloroethylene	9.49	8.88	1.069	ok	1.068	1.008-1.128
Trichlorofluoromethane	5.34	7.29	0.733	ok	0.730	0.670-0.790
Vinyl chloride	4.59	7.29	0.630	ok	0.628	0.568-0.688
Vinyl Acetate	6.64	7.29	0.911	ok	0.909	0.849-0.969
m,p-Xylene	13.64	13.03	1.047	ok	1.046	0.986-1.106
o-Xylene	14.13	13.03	1.084	ok	1.085	1.025-1.145
TVHC As Equiv Pentane	5.49	7.29	0.753	ok	0.753	0.693-0.813
TVHC As Equiv Heptane	9.68	8.88	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.29	6.96-7.62	106866	ok	105887	63532-148242
1,4-Difluorobenzene	8.88	ok	8.88	8.55-9.21	536280	ok	534151	320491-747811
Chlorobenzene-D5	13.03	ok	13.03	12.70-13.36	240261	ok	257629	154577-360681

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.24	7.28	0.720	ok	0.717	0.657-0.777
Acrylonitrile	5.52	7.28	0.758	ok	0.757	0.697-0.817
Acetonitrile	5.12	7.28	0.703	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.28	0.637	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.01	1.145	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromoform	13.72	13.01	1.055	ok	1.054	0.994-1.114
Bromomethane	4.80	7.28	0.659	ok	0.659	0.599-0.719
Bromoethene	5.09	7.28	0.699	ok	0.699	0.639-0.759
n-Butane	4.66	7.28	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.01	1.256	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.01	1.321	ok	1.321	1.261-1.381
sec-Butylbenzene	16.47	13.01	1.266	ok	1.265	1.205-1.325
tert-Butylbenzene	16.12	13.01	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.97	7.28	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.28	0.591	ok	0.591	0.531-0.651
Chloroethane	4.89	7.28	0.672	ok	0.671	0.611-0.731
Chloroform	7.36	7.28	1.011	ok	1.012	0.952-1.072
Chloromethane	4.46	7.28	0.613	ok	0.612	0.552-0.672
3-Chloropropene	5.84	7.28	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.33	13.01	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.28	1.192	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.28	0.896	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.28	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.95	7.28	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.24	8.86	1.043	ok	1.042	0.982-1.102
1,4-Dioxane	9.59	8.86	1.082	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.36	7.28	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.28	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.28	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.33	13.01	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.42	13.01	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.80	8.86	1.219	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.23	7.28	0.993	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.91	8.86	1.006	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.28	1.085	ok	1.086	1.026-1.146
Ethanol	4.97	7.28	0.683	ok	0.681	0.621-0.741
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.28	1.003	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.92	7.28	0.813	ok	0.813	0.753-0.873
Freon 114	4.50	7.28	0.618	ok	0.618	0.558-0.678
Freon 123	5.15	7.28	0.707	ok	0.707	0.647-0.767
Freon 123A	5.18	7.28	0.712	ok	0.711	0.651-0.771
Freon 152A	4.28	7.28	0.588	ok	0.587	0.527-0.647
Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.01	1.499	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.01	1.358	ok	1.358	1.298-1.418
Hexane	7.21	7.28	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.01	0.883	ok	0.882	0.822-0.942
Iodomethane	5.66	7.28	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.38	7.28	0.739	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.66	13.01	1.281	ok	1.280	1.220-1.340
Methylene chloride	5.78	7.28	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.80	7.28	0.934	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.31	8.86	1.164	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.28	0.897	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.86	1.094	ok	1.092	1.032-1.152
Naphthalene	19.07	13.01	1.466	ok	1.465	1.405-1.525
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.01	1.181	ok	1.181	1.121-1.241
Propylene	4.33	7.28	0.595	ok	0.593	0.533-0.653
Styrene	14.03	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.28	1.120	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.01	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.01	1.088	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.94	13.01	1.456	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.27	13.01	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.13	13.01	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.86	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.73	7.28	0.787	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.70	7.28	1.058	ok	1.055	0.995-1.115
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.86	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.32	7.28	0.731	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.28	0.629	ok	0.628	0.568-0.688
Vinyl Acetate	6.63	7.28	0.911	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.01	1.048	ok	1.047	0.987-1.107
o-Xylene	14.12	13.01	1.085	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.49	7.28	0.754	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.67	8.86	1.091	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.28	ok	7.28	6.95-7.61	140954	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	744677	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	341487	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
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Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.24	7.27	0.721	ok	0.717	0.657-0.777
Acrylonitrile	5.51	7.27	0.758	ok	0.757	0.697-0.817
Acetonitrile	5.14	7.27	0.707	ok	0.702	0.642-0.762
1,3-Butadiene	4.65	7.27	0.640	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.01	1.145	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromoform	13.71	13.01	1.054	ok	1.054	0.994-1.114
Bromomethane	4.80	7.27	0.660	ok	0.659	0.599-0.719
Bromoethene	5.09	7.27	0.700	ok	0.699	0.639-0.759
n-Butane	4.66	7.27	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.33	13.01	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.01	1.321	ok	1.321	1.261-1.381
sec-Butylbenzene	16.46	13.01	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.01	1.240	ok	1.239	1.179-1.299
Carbon disulfide	5.97	7.27	0.821	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.27	0.591	ok	0.591	0.531-0.651
Chloroethane	4.89	7.27	0.673	ok	0.671	0.611-0.731
Chloroform	7.36	7.27	1.012	ok	1.012	0.952-1.072
Chloromethane	4.46	7.27	0.613	ok	0.612	0.552-0.672
3-Chloropropene	5.83	7.27	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.33	13.01	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.27	1.194	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.27	0.897	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.71	7.27	0.785	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.95	7.27	1.094	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.24	8.86	1.043	ok	1.042	0.982-1.102
1,4-Dioxane	9.59	8.86	1.082	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.36	7.27	0.600	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.27	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.27	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.33	13.01	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.42	13.01	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.80	8.86	1.219	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.23	7.27	0.994	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.27	1.087	ok	1.086	1.026-1.146
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.30	7.27	1.004	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.92	7.27	0.814	ok	0.813	0.753-0.873
Freon 114	4.50	7.27	0.619	ok	0.618	0.558-0.678
Freon 123	5.15	7.27	0.708	ok	0.707	0.647-0.767
Freon 123A	5.18	7.27	0.713	ok	0.711	0.651-0.771
Freon 152A	4.28	7.27	0.589	ok	0.587	0.527-0.647
Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.01	1.499	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.01	1.358	ok	1.358	1.298-1.418
Hexane	7.20	7.27	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.50	13.01	0.884	ok	0.882	0.822-0.942
Iodomethane	5.66	7.27	0.779	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.38	7.27	0.740	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.66	13.01	1.281	ok	1.280	1.220-1.340
Methylene chloride	5.78	7.27	0.795	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.81	7.27	0.937	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.32	8.86	1.165	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.55	7.27	0.901	ok	0.897	0.837-0.957
Methylmethacrylate	9.70	8.86	1.095	ok	1.092	1.032-1.152
Naphthalene	19.08	13.01	1.467	ok	1.465	1.405-1.525
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.27	0.755	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.01	1.181	ok	1.181	1.121-1.241
Propylene	4.32	7.27	0.594	ok	0.593	0.533-0.653
Styrene	14.03	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.27	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.01	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	14.15	13.01	1.088	ok	1.087	1.027-1.147

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.01	1.455	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.27	13.01	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.13	13.01	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.86	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.74	7.27	0.790	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.71	7.27	1.061	ok	1.055	0.995-1.115
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.86	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.32	7.27	0.732	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.27	0.630	ok	0.628	0.568-0.688
Vinyl Acetate	6.62	7.27	0.911	ok	0.909	0.849-0.969
m,p-Xylene	13.62	13.01	1.047	ok	1.047	0.987-1.107
o-Xylene	14.13	13.01	1.086	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.49	7.27	0.755	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.27	ok	7.28	6.95-7.61	136848	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	721144	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	333477	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.21	7.28	0.716	ok	0.717	0.657-0.777
Acrylonitrile	5.50	7.28	0.755	ok	0.757	0.697-0.817
Acetonitrile	5.10	7.28	0.701	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.28	0.637	ok	0.638	0.578-0.698
Benzene	8.55	8.87	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.02	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.87	1.065	ok	1.066	1.006-1.126
Bromoform	13.73	13.02	1.055	ok	1.054	0.994-1.114
Bromomethane	4.79	7.28	0.658	ok	0.659	0.599-0.719
Bromoethene	5.08	7.28	0.698	ok	0.699	0.639-0.759
n-Butane	4.66	7.28	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.02	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.02	1.320	ok	1.321	1.261-1.381
sec-Butylbenzene	16.47	13.02	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.02	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.28	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.02	1.003	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.28	0.591	ok	0.591	0.531-0.651
Chloroethane	4.88	7.28	0.670	ok	0.671	0.611-0.731
Chloroform	7.36	7.28	1.011	ok	1.012	0.952-1.072
Chloromethane	4.45	7.28	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.84	7.28	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.02	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.28	1.192	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.87	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.51	7.28	0.894	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.28	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.02	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.94	7.28	1.091	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.24	8.87	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.51	8.87	1.072	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.36	7.28	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	11.65	13.02	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.87	1.044	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.28	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.28	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.87	1.160	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.02	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.85	13.02	1.294	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.42	13.02	1.261	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.80	8.87	1.218	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.21	7.28	0.990	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.91	8.87	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.28	1.085	ok	1.086	1.026-1.146
Ethanol	4.95	7.28	0.680	ok	0.681	0.621-0.741
Ethylbenzene	13.43	13.02	1.031	ok	1.032	0.972-1.092
Ethyl Acetate	7.27	7.28	0.999	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.02	1.194	ok	1.194	1.134-1.254
Freon 113	5.91	7.28	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.28	0.618	ok	0.618	0.558-0.678
Freon 123	5.14	7.28	0.706	ok	0.707	0.647-0.767
Freon 123A	5.18	7.28	0.712	ok	0.711	0.651-0.771
Freon 152A	4.27	7.28	0.587	ok	0.587	0.527-0.647
Heptane	9.66	8.87	1.089	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.02	1.498	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.02	1.357	ok	1.358	1.298-1.418
Hexane	7.20	7.28	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.46	13.02	0.880	ok	0.882	0.822-0.942
Iodomethane	5.65	7.28	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.02	1.135	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.35	7.28	0.735	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.67	13.02	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.77	7.28	0.793	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.77	7.28	0.930	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.28	8.87	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.51	7.28	0.894	ok	0.897	0.837-0.957
Methylmethacrylate	9.67	8.87	1.090	ok	1.092	1.032-1.152
Naphthalene	19.07	13.02	1.465	ok	1.465	1.405-1.525
Nonane	14.33	13.02	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.02	0.932	ok	0.933	0.873-0.993
Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.02	1.180	ok	1.181	1.121-1.241
Propylene	4.31	7.28	0.592	ok	0.593	0.533-0.653
Styrene	14.03	13.02	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.28	1.120	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.02	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.02	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.87	1.234	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.02	1.454	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.28	13.02	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.14	13.02	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.02	1.201	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.87	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.70	7.28	0.783	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.02	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.65	7.28	1.051	ok	1.055	0.995-1.115
Toluene	11.21	8.87	1.264	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.87	1.068	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.31	7.28	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.57	7.28	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.61	7.28	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.02	1.047	ok	1.047	0.987-1.107
o-Xylene	14.13	13.02	1.085	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.67	8.87	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.28	ok	7.28	6.95-7.61	148104	ok	152289	91373-213205
1,4-Difluorobenzene	8.87	ok	8.87	8.54-9.20	782363	ok	795672	477403-1113941
Chlorobenzene-D5	13.02	ok	13.02	12.69-13.35	399778	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.21	7.28	0.716	ok	0.717	0.657-0.777
Acrylonitrile	5.51	7.28	0.757	ok	0.757	0.697-0.817
Acetonitrile	5.10	7.28	0.701	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.28	0.637	ok	0.638	0.578-0.698
Benzene	8.55	8.87	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.02	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.87	1.065	ok	1.066	1.006-1.126
Bromoform	13.73	13.02	1.055	ok	1.054	0.994-1.114
Bromomethane	4.80	7.28	0.659	ok	0.659	0.599-0.719
Bromoethene	5.08	7.28	0.698	ok	0.699	0.639-0.759
n-Butane	4.66	7.28	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.02	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.02	1.320	ok	1.321	1.261-1.381
sec-Butylbenzene	16.48	13.02	1.266	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.02	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.97	7.28	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.02	1.003	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.28	0.591	ok	0.591	0.531-0.651
Chloroethane	4.89	7.28	0.672	ok	0.671	0.611-0.731
Chloroform	7.36	7.28	1.011	ok	1.012	0.952-1.072
Chloromethane	4.45	7.28	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.83	7.28	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.02	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.28	1.192	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.87	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.28	0.896	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.28	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.02	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.95	7.28	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.24	8.87	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.52	8.87	1.073	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.36	7.28	0.599	ok	0.599	0.539-0.659
Dibromochloromethane	11.66	13.02	0.896	ok	0.895	0.835-0.955
Dibromomethane	9.27	8.87	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.28	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.28	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.30	8.87	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.02	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.02	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.43	13.02	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.81	8.87	1.219	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.22	7.28	0.992	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.91	8.87	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.28	1.085	ok	1.086	1.026-1.146
Ethanol	4.96	7.28	0.681	ok	0.681	0.621-0.741
Ethylbenzene	13.44	13.02	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.28	7.28	1.000	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.02	1.194	ok	1.194	1.134-1.254
Freon 113	5.91	7.28	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.28	0.618	ok	0.618	0.558-0.678
Freon 123	5.14	7.28	0.706	ok	0.707	0.647-0.767
Freon 123A	5.18	7.28	0.712	ok	0.711	0.651-0.771
Freon 152A	4.27	7.28	0.587	ok	0.587	0.527-0.647
Heptane	9.67	8.87	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.02	1.498	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.02	1.357	ok	1.358	1.298-1.418
Hexane	7.20	7.28	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.47	13.02	0.881	ok	0.882	0.822-0.942
Iodomethane	5.66	7.28	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.02	1.135	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.35	7.28	0.735	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.67	13.02	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.78	7.28	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.78	7.28	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.28	8.87	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.52	7.28	0.896	ok	0.897	0.837-0.957
Methylmethacrylate	9.68	8.87	1.091	ok	1.092	1.032-1.152
Naphthalene	19.07	13.02	1.465	ok	1.465	1.405-1.525
Nonane	14.33	13.02	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.02	0.932	ok	0.933	0.873-0.993
Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.02	1.180	ok	1.181	1.121-1.241
Propylene	4.31	7.28	0.592	ok	0.593	0.533-0.653
Styrene	14.04	13.02	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.28	1.120	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.02	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

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V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	Reporting this level
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.02	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.96	8.87	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.02	1.454	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.28	13.02	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.02	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.02	1.201	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.87	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.71	7.28	0.784	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.02	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.67	7.28	1.054	ok	1.055	0.995-1.115
Toluene	11.22	8.87	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.48	8.87	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.31	7.28	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.57	7.28	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.61	7.28	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.02	1.047	ok	1.047	0.987-1.107
o-Xylene	14.13	13.02	1.085	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.67	8.87	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.28	ok	7.28	6.95-7.61	160111	ok	152289	91373-213205
1,4-Difluorobenzene	8.87	ok	8.87	8.54-9.20	834767	ok	795672	477403-1113941
Chlorobenzene-D5	13.02	ok	13.02	12.69-13.35	418945	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

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Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.21	7.27	0.717	ok	0.717	0.657-0.777
Acrylonitrile	5.50	7.27	0.757	ok	0.757	0.697-0.817
Acetonitrile	5.09	7.27	0.700	ok	0.702	0.642-0.762
1,3-Butadiene	4.63	7.27	0.637	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.01	1.145	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromoform	13.72	13.01	1.055	ok	1.054	0.994-1.114
Bromomethane	4.79	7.27	0.659	ok	0.659	0.599-0.719
Bromoethene	5.08	7.27	0.699	ok	0.699	0.639-0.759
n-Butane	4.65	7.27	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.34	13.01	1.256	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.01	1.321	ok	1.321	1.261-1.381
sec-Butylbenzene	16.47	13.01	1.266	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.01	1.240	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.27	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.27	0.591	ok	0.591	0.531-0.651
Chloroethane	4.88	7.27	0.671	ok	0.671	0.611-0.731
Chloroform	7.36	7.27	1.012	ok	1.012	0.952-1.072
Chloromethane	4.45	7.27	0.612	ok	0.612	0.552-0.672
3-Chloropropene	5.83	7.27	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.33	13.01	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.27	1.194	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.51	7.27	0.895	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.69	7.27	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.94	7.27	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.23	8.86	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.51	8.86	1.073	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.35	7.27	0.598	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.27	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.27	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.33	13.01	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.42	13.01	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.79	8.86	1.218	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.21	7.27	0.992	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.27	1.087	ok	1.086	1.026-1.146
Ethanol	4.95	7.27	0.681	ok	0.681	0.621-0.741
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.27	7.27	1.000	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.91	7.27	0.813	ok	0.813	0.753-0.873
Freon 114	4.49	7.27	0.618	ok	0.618	0.558-0.678
Freon 123	5.14	7.27	0.707	ok	0.707	0.647-0.767
Freon 123A	5.17	7.27	0.711	ok	0.711	0.651-0.771
Freon 152A	4.27	7.27	0.587	ok	0.587	0.527-0.647
Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.01	1.499	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.01	1.358	ok	1.358	1.298-1.418
Hexane	7.20	7.27	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.46	13.01	0.881	ok	0.882	0.822-0.942
Iodomethane	5.65	7.27	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.34	7.27	0.735	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.66	13.01	1.281	ok	1.280	1.220-1.340
Methylene chloride	5.77	7.27	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.77	7.27	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.27	8.86	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.51	7.27	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.67	8.86	1.091	ok	1.092	1.032-1.152
Naphthalene	19.07	13.01	1.466	ok	1.465	1.405-1.525
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.48	7.27	0.754	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.01	1.181	ok	1.181	1.121-1.241
Propylene	4.31	7.27	0.593	ok	0.593	0.533-0.653
Styrene	14.03	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.27	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.01	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

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V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.01	1.088	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.01	1.455	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.27	13.01	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.14	13.01	1.241	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.86	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.69	7.27	0.783	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.65	7.27	1.052	ok	1.055	0.995-1.115
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.86	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.31	7.27	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.56	7.27	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.60	7.27	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.62	13.01	1.047	ok	1.047	0.987-1.107
o-Xylene	14.13	13.01	1.086	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.27	0.754	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.27	ok	7.28	6.95-7.61	160752	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	838870	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	419085	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.21	7.27	0.717	ok	0.717	0.657-0.777
Acrylonitrile	5.50	7.27	0.757	ok	0.757	0.697-0.817
Acetonitrile	5.10	7.27	0.702	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.27	0.638	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.89	13.01	1.145	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromoform	13.71	13.01	1.054	ok	1.054	0.994-1.114
Bromomethane	4.79	7.27	0.659	ok	0.659	0.599-0.719
Bromoethene	5.08	7.27	0.699	ok	0.699	0.639-0.759
n-Butane	4.65	7.27	0.640	ok	0.640	0.580-0.700
Benzyl Chloride	16.33	13.01	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.19	13.01	1.321	ok	1.321	1.261-1.381
sec-Butylbenzene	16.46	13.01	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.12	13.01	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.27	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.27	0.591	ok	0.591	0.531-0.651
Chloroethane	4.88	7.27	0.671	ok	0.671	0.611-0.731
Chloroform	7.36	7.27	1.012	ok	1.012	0.952-1.072
Chloromethane	4.45	7.27	0.612	ok	0.612	0.552-0.672
3-Chloropropene	5.83	7.27	0.802	ok	0.802	0.742-0.862
2-Chlorotoluene	15.33	13.01	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.27	1.194	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.51	7.27	0.895	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.69	7.27	0.783	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.94	7.27	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.23	8.86	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.52	8.86	1.074	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.35	7.27	0.598	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.27	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.27	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.33	13.01	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.41	13.01	1.261	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.79	8.86	1.218	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.21	7.27	0.992	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.27	1.087	ok	1.086	1.026-1.146
Ethanol	4.95	7.27	0.681	ok	0.681	0.621-0.741
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.27	7.27	1.000	ok	1.001	0.941-1.061
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.91	7.27	0.813	ok	0.813	0.753-0.873
Freon 114	4.49	7.27	0.618	ok	0.618	0.558-0.678
Freon 123	5.14	7.27	0.707	ok	0.707	0.647-0.767
Freon 123A	5.17	7.27	0.711	ok	0.711	0.651-0.771
Freon 152A	4.27	7.27	0.587	ok	0.587	0.527-0.647
Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.50	13.01	1.499	ok	1.498	1.438-1.558
Hexachloroethane	17.67	13.01	1.358	ok	1.358	1.298-1.418
Hexane	7.20	7.27	0.990	ok	0.990	0.930-1.050
2-Hexanone	11.46	13.01	0.881	ok	0.882	0.822-0.942
Iodomethane	5.65	7.27	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.34	7.27	0.735	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.66	13.01	1.281	ok	1.280	1.220-1.340
Methylene chloride	5.77	7.27	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.77	7.27	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.28	8.86	1.160	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.51	7.27	0.895	ok	0.897	0.837-0.957
Methylmethacrylate	9.67	8.86	1.091	ok	1.092	1.032-1.152
Naphthalene	19.07	13.01	1.466	ok	1.465	1.405-1.525
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.48	7.27	0.754	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.01	1.181	ok	1.181	1.121-1.241
Propylene	4.31	7.27	0.593	ok	0.593	0.533-0.653
Styrene	14.03	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.27	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.03	13.01	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.15	13.01	1.088	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.01	1.455	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.27	13.01	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.13	13.01	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.86	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.70	7.27	0.784	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.67	7.27	1.055	ok	1.055	0.995-1.115
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.86	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.31	7.27	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.56	7.27	0.627	ok	0.628	0.568-0.688
Vinyl Acetate	6.60	7.27	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.62	13.01	1.047	ok	1.047	0.987-1.107
o-Xylene	14.13	13.01	1.086	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.27	0.754	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.27	ok	7.28	6.95-7.61	159464	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	832620	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	406615	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acrylonitrile	5.51	7.26	0.759	ok	0.757	0.697-0.817
Acetonitrile	5.11	7.26	0.704	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.26	0.639	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.88	13.01	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromoform	13.71	13.01	1.054	ok	1.054	0.994-1.114
Bromomethane	4.80	7.26	0.661	ok	0.659	0.599-0.719
Bromoethene	5.09	7.26	0.701	ok	0.699	0.639-0.759
sec-Butylbenzene	16.47	13.01	1.266	ok	1.265	1.205-1.325
tert-Butylbenzene	16.13	13.01	1.240	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.26	0.821	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chloroethane	4.87	7.26	0.671	ok	0.671	0.611-0.731
Chloroform	7.36	7.26	1.014	ok	1.012	0.952-1.072
3-Chloropropene	5.83	7.26	0.803	ok	0.802	0.742-0.862
2-Chlorotoluene	15.33	13.01	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.26	1.196	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.26	0.898	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.26	0.785	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.94	7.26	1.094	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.23	8.86	1.042	ok	1.042	0.982-1.102
Dichlorodifluoromethane	4.36	7.26	0.601	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.26	0.876	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.15	7.26	0.985	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.32	13.01	1.254	ok	1.255	1.195-1.315
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.42	13.01	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.79	8.86	1.218	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.23	7.26	0.996	ok	0.993	0.933-1.053
2,4-Dimethylpentane	7.90	7.26	1.088	ok	1.086	1.026-1.146
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.31	7.26	1.007	ok	1.001	0.941-1.061

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.91	7.26	0.814	ok	0.813	0.753-0.873
Freon 114	4.49	7.26	0.618	ok	0.618	0.558-0.678
Freon 123	5.14	7.26	0.708	ok	0.707	0.647-0.767
Freon 123A	5.17	7.26	0.712	ok	0.711	0.651-0.771
Freon 152A	4.27	7.26	0.588	ok	0.587	0.527-0.647
Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150
Hexachloroethane	17.67	13.01	1.358	ok	1.358	1.298-1.418
Hexane	7.20	7.26	0.992	ok	0.990	0.930-1.050
2-Hexanone	11.51	13.01	0.885	ok	0.882	0.822-0.942
Iodomethane	5.65	7.26	0.778	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
p-Isopropyltoluene	16.66	13.01	1.281	ok	1.280	1.220-1.340
Methyl ethyl ketone	6.81	7.26	0.938	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.33	8.86	1.166	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.53	7.26	0.899	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.86	1.094	ok	1.092	1.032-1.152
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.48	7.26	0.755	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.01	1.181	ok	1.181	1.121-1.241
Styrene	14.03	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.14	7.26	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.01	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	14.15	13.01	1.088	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.93	13.01	1.455	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.28	13.01	1.098	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.13	13.01	1.240	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.86	1.062	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.74	7.26	0.791	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Tetrahydrofuran	7.73	7.26	1.065	ok	1.055	0.995-1.115
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.47	8.86	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.30	7.26	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.57	7.26	0.629	ok	0.628	0.568-0.688

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
m,p-Xylene	13.62	13.01	1.047	ok	1.047	0.987-1.107
o-Xylene	14.12	13.01	1.085	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.26	0.755	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.66	8.86	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.26	ok	7.28	6.95-7.61	149468	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	772970	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	357175	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acrylonitrile	5.53	7.27	0.761	ok	0.757	0.697-0.817
1,3-Butadiene	4.64	7.27	0.638	ok	0.638	0.578-0.698
Benzene	8.55	8.86	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.88	13.01	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.86	1.067	ok	1.066	1.006-1.126
Bromomethane	4.81	7.27	0.662	ok	0.659	0.599-0.719
Bromoethene	5.08	7.27	0.699	ok	0.699	0.639-0.759
tert-Butylbenzene	16.13	13.01	1.240	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.27	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.06	13.01	1.004	ok	1.004	0.944-1.064
Chloroethane	4.88	7.27	0.671	ok	0.671	0.611-0.731
Chloroform	7.35	7.27	1.011	ok	1.012	0.952-1.072
Carbon tetrachloride	8.67	7.27	1.193	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.86	0.984	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.51	7.27	0.895	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.27	0.784	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.85	13.01	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.93	7.27	1.091	ok	1.092	1.032-1.152
Dichlorodifluoromethane	4.36	7.27	0.600	ok	0.599	0.539-0.659
Dibromochloromethane	11.64	13.01	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.26	8.86	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.27	0.875	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.15	7.27	0.983	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.29	8.86	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.33	13.01	1.255	ok	1.255	1.195-1.315
o-Dichlorobenzene	16.85	13.01	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.41	13.01	1.261	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.80	8.86	1.219	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.24	7.27	0.996	ok	0.993	0.933-1.053
2,4-Dimethylpentane	7.90	7.27	1.087	ok	1.086	1.026-1.146
Ethylbenzene	13.43	13.01	1.032	ok	1.032	0.972-1.092
4-Ethyltoluene	15.54	13.01	1.194	ok	1.194	1.134-1.254
Freon 113	5.92	7.27	0.814	ok	0.813	0.753-0.873
Freon 114	4.49	7.27	0.618	ok	0.618	0.558-0.678
Freon 123	5.15	7.27	0.708	ok	0.707	0.647-0.767
Freon 123A	5.17	7.27	0.711	ok	0.711	0.651-0.771
Heptane	9.67	8.86	1.091	ok	1.090	1.030-1.150
Hexane	7.20	7.27	0.990	ok	0.990	0.930-1.050

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Iodomethane	5.65	7.27	0.777	ok	0.777	0.717-0.837
Isopropylbenzene	14.78	13.01	1.136	ok	1.136	1.076-1.196
Methyl Tert Butyl Ether	6.55	7.27	0.901	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.86	1.094	ok	1.092	1.032-1.152
Nonane	14.33	13.01	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.01	0.933	ok	0.933	0.873-0.993
Pentane	5.49	7.27	0.755	ok	0.754	0.694-0.814
Styrene	14.02	13.01	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.27	1.121	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.01	1.002	ok	1.002	0.942-1.062
1,1,2,2-Tetrachloroethane	14.14	13.01	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.95	8.86	1.236	ok	1.236	1.176-1.296
1,2,3-Trichloropropane	14.27	13.01	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.14	13.01	1.241	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.64	13.01	1.202	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.40	8.86	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.75	7.27	0.791	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.01	0.949	ok	0.948	0.888-1.008
Toluene	11.21	8.86	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.46	8.86	1.068	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.32	7.27	0.732	ok	0.730	0.670-0.790
Vinyl chloride	4.57	7.27	0.629	ok	0.628	0.568-0.688
m,p-Xylene	13.63	13.01	1.048	ok	1.047	0.987-1.107
o-Xylene	14.13	13.01	1.086	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.49	7.27	0.755	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.67	8.86	1.091	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.27	ok	7.28	6.95-7.61	144539	ok	152289	91373-213205
1,4-Difluorobenzene	8.86	ok	8.87	8.54-9.20	747410	ok	795672	477403-1113941
Chlorobenzene-D5	13.01	ok	13.02	12.69-13.35	348007	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.21	7.28	0.716	ok	0.717	0.657-0.777
Acrylonitrile	5.50	7.28	0.755	ok	0.757	0.697-0.817
Acetonitrile	5.10	7.28	0.701	ok	0.702	0.642-0.762
1,3-Butadiene	4.63	7.28	0.636	ok	0.638	0.578-0.698
Benzene	8.55	8.87	0.964	ok	0.965	0.905-1.025
Bromobenzene	14.90	13.03	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.45	8.87	1.065	ok	1.066	1.006-1.126
Bromoform	13.73	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.79	7.28	0.658	ok	0.659	0.599-0.719
Bromoethene	5.08	7.28	0.698	ok	0.699	0.639-0.759
n-Butane	4.65	7.28	0.639	ok	0.640	0.580-0.700
Benzyl Chloride	16.35	13.03	1.255	ok	1.255	1.195-1.315
n-Butylbenzene	17.20	13.03	1.320	ok	1.321	1.261-1.381
sec-Butylbenzene	16.48	13.03	1.265	ok	1.265	1.205-1.325
tert-Butylbenzene	16.14	13.03	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.96	7.28	0.819	ok	0.820	0.760-0.880
Chlorobenzene	13.07	13.03	1.003	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.29	7.28	0.589	ok	0.591	0.531-0.651
Chloroethane	4.88	7.28	0.670	ok	0.671	0.611-0.731
Chloroform	7.36	7.28	1.011	ok	1.012	0.952-1.072
Chloromethane	4.45	7.28	0.611	ok	0.612	0.552-0.672
3-Chloropropene	5.83	7.28	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.34	13.03	1.177	ok	1.178	1.118-1.238
Carbon tetrachloride	8.68	7.28	1.192	ok	1.193	1.133-1.253
Cyclohexane	8.72	8.87	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.51	7.28	0.894	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.69	7.28	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.86	13.03	0.910	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.95	7.28	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.24	8.87	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.52	8.87	1.073	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.35	7.28	0.598	ok	0.599	0.539-0.659
Dibromochloromethane	11.66	13.03	0.895	ok	0.895	0.835-0.955
Dibromomethane	9.27	8.87	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.36	7.28	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.16	7.28	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.30	8.87	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.34	13.03	1.254	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.86	13.03	1.294	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.43	13.03	1.261	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.81	8.87	1.219	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.22	7.28	0.992	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.91	8.87	1.005	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.90	7.28	1.085	ok	1.086	1.026-1.146
Ethanol	4.95	7.28	0.680	ok	0.681	0.621-0.741
Ethylbenzene	13.44	13.03	1.031	ok	1.032	0.972-1.092
Ethyl Acetate	7.28	7.28	1.000	ok	1.001	0.941-1.061
4-Ethyltoluene	15.55	13.03	1.193	ok	1.194	1.134-1.254
Freon 113	5.91	7.28	0.812	ok	0.813	0.753-0.873
Freon 114	4.49	7.28	0.617	ok	0.618	0.558-0.678
Freon 123	5.14	7.28	0.706	ok	0.707	0.647-0.767
Freon 123A	5.17	7.28	0.710	ok	0.711	0.651-0.771
Freon 152A	4.27	7.28	0.587	ok	0.587	0.527-0.647
Heptane	9.67	8.87	1.090	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.498	1.438-1.558
Hexachloroethane	17.68	13.03	1.357	ok	1.358	1.298-1.418
Hexane	7.20	7.28	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.47	13.03	0.880	ok	0.882	0.822-0.942
Iodomethane	5.65	7.28	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.79	13.03	1.135	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.35	7.28	0.735	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.68	13.03	1.280	ok	1.280	1.220-1.340
Methylene chloride	5.77	7.28	0.793	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.78	7.28	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.28	8.87	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.51	7.28	0.894	ok	0.897	0.837-0.957
Methylmethacrylate	9.68	8.87	1.091	ok	1.092	1.032-1.152
Naphthalene	19.08	13.03	1.464	ok	1.465	1.405-1.525
Nonane	14.34	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.14	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
n-Propylbenzene	15.37	13.03	1.180	ok	1.181	1.121-1.241
Propylene	4.31	7.28	0.592	ok	0.593	0.533-0.653
Styrene	14.04	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.15	7.28	1.120	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.04	13.03	1.001	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	Reporting this level
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.16	13.03	1.087	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.96	8.87	1.236	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.94	13.03	1.454	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.29	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.15	13.03	1.239	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.65	13.03	1.201	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.41	8.87	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.70	7.28	0.783	ok	0.786	0.726-0.846
Tetrachloroethylene	12.34	13.03	0.947	ok	0.948	0.888-1.008
Tetrahydrofuran	7.65	7.28	1.051	ok	1.055	0.995-1.115
Toluene	11.22	8.87	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.48	8.87	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.31	7.28	0.729	ok	0.730	0.670-0.790
Vinyl chloride	4.56	7.28	0.626	ok	0.628	0.568-0.688
Vinyl Acetate	6.61	7.28	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.63	13.03	1.046	ok	1.047	0.987-1.107
o-Xylene	14.13	13.03	1.084	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.48	7.28	0.753	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.67	8.87	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.28	ok	7.28	6.95-7.61	153048	ok	152289	91373-213205
1,4-Difluorobenzene	8.87	ok	8.87	8.54-9.20	801860	ok	795672	477403-1113941
Chlorobenzene-D5	13.03	ok	13.02	12.69-13.35	434347	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.22	7.29	0.716	ok	0.717	0.657-0.777
Acrylonitrile	5.51	7.29	0.756	ok	0.757	0.697-0.817
Acetonitrile	5.11	7.29	0.701	ok	0.702	0.642-0.762
1,3-Butadiene	4.64	7.29	0.636	ok	0.638	0.578-0.698
Benzene	8.57	8.88	0.965	ok	0.965	0.905-1.025
Bromobenzene	14.91	13.03	1.144	ok	1.144	1.084-1.204
Bromodichloromethane	9.47	8.88	1.066	ok	1.066	1.006-1.126
Bromoform	13.74	13.03	1.054	ok	1.054	0.994-1.114
Bromomethane	4.80	7.29	0.658	ok	0.659	0.599-0.719
Bromoethene	5.09	7.29	0.698	ok	0.699	0.639-0.759
n-Butane	4.67	7.29	0.641	ok	0.640	0.580-0.700
Benzyl Chloride	16.37	13.03	1.256	ok	1.255	1.195-1.315
n-Butylbenzene	17.21	13.03	1.321	ok	1.321	1.261-1.381
sec-Butylbenzene	16.49	13.03	1.266	ok	1.265	1.205-1.325
tert-Butylbenzene	16.15	13.03	1.239	ok	1.239	1.179-1.299
Carbon disulfide	5.98	7.29	0.820	ok	0.820	0.760-0.880
Chlorobenzene	13.08	13.03	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.30	7.29	0.590	ok	0.591	0.531-0.651
Chloroethane	4.89	7.29	0.671	ok	0.671	0.611-0.731
Chloroform	7.37	7.29	1.011	ok	1.012	0.952-1.072
Chloromethane	4.45	7.29	0.610	ok	0.612	0.552-0.672
3-Chloropropene	5.84	7.29	0.801	ok	0.802	0.742-0.862
2-Chlorotoluene	15.35	13.03	1.178	ok	1.178	1.118-1.238
Carbon tetrachloride	8.69	7.29	1.192	ok	1.193	1.133-1.253
Cyclohexane	8.73	8.88	0.983	ok	0.984	0.924-1.044
1,1-Dichloroethane	6.52	7.29	0.894	ok	0.896	0.836-0.956
1,1-Dichloroethylene	5.70	7.29	0.782	ok	0.783	0.723-0.843
1,2-Dibromoethane	11.87	13.03	0.911	ok	0.911	0.851-0.971
1,2-Dichloroethane	7.96	7.29	1.092	ok	1.092	1.032-1.152
1,2-Dichloropropane	9.25	8.88	1.042	ok	1.042	0.982-1.102
1,4-Dioxane	9.53	8.88	1.073	ok	1.076	1.016-1.136
Dichlorodifluoromethane	4.36	7.29	0.598	ok	0.599	0.539-0.659
Dibromochloromethane	11.67	13.03	0.896	ok	0.895	0.835-0.955
Dibromomethane	9.28	8.88	1.045	ok	1.045	0.985-1.105
trans-1,2-Dichloroethylene	6.37	7.29	0.874	ok	0.874	0.814-0.934
cis-1,2-Dichloroethylene	7.17	7.29	0.984	ok	0.984	0.924-1.044
cis-1,3-Dichloropropene	10.31	8.88	1.161	ok	1.161	1.101-1.221
m-Dichlorobenzene	16.35	13.03	1.255	ok	1.255	1.195-1.315

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
o-Dichlorobenzene	16.87	13.03	1.295	ok	1.295	1.235-1.355
p-Dichlorobenzene	16.44	13.03	1.262	ok	1.262	1.202-1.322
trans-1,3-Dichloropropene	10.82	8.88	1.218	ok	1.218	1.158-1.278
Di-Isopropyl ether	7.23	7.29	0.992	ok	0.993	0.933-1.053
2,3-Dimethylpentane	8.91	8.88	1.003	ok	1.005	0.945-1.065
2,4-Dimethylpentane	7.91	7.29	1.085	ok	1.086	1.026-1.146
Ethanol	4.97	7.29	0.682	ok	0.681	0.621-0.741
Ethylbenzene	13.45	13.03	1.032	ok	1.032	0.972-1.092
Ethyl Acetate	7.29	7.29	1.000	ok	1.001	0.941-1.061
4-Ethyltoluene	15.56	13.03	1.194	ok	1.194	1.134-1.254
Freon 113	5.92	7.29	0.812	ok	0.813	0.753-0.873
Freon 114	4.50	7.29	0.617	ok	0.618	0.558-0.678
Freon 123	5.15	7.29	0.706	ok	0.707	0.647-0.767
Freon 123A	5.18	7.29	0.711	ok	0.711	0.651-0.771
Freon 152A	4.28	7.29	0.587	ok	0.587	0.527-0.647
Heptane	9.67	8.88	1.089	ok	1.090	1.030-1.150
Hexachlorobutadiene	19.51	13.03	1.497	ok	1.498	1.438-1.558
Hexachloroethane	17.69	13.03	1.358	ok	1.358	1.298-1.418
Hexane	7.21	7.29	0.989	ok	0.990	0.930-1.050
2-Hexanone	11.49	13.03	0.882	ok	0.882	0.822-0.942
Iodomethane	5.66	7.29	0.776	ok	0.777	0.717-0.837
Isopropylbenzene	14.80	13.03	1.136	ok	1.136	1.076-1.196
Isopropyl Alcohol	5.37	7.29	0.737	ok	0.736	0.676-0.796
p-Isopropyltoluene	16.69	13.03	1.281	ok	1.280	1.220-1.340
Methylene chloride	5.79	7.29	0.794	ok	0.794	0.734-0.854
Methyl ethyl ketone	6.79	7.29	0.931	ok	0.933	0.873-0.993
Methyl Isobutyl Ketone	10.29	8.88	1.159	ok	1.161	1.101-1.221
Methyl Tert Butyl Ether	6.52	7.29	0.894	ok	0.897	0.837-0.957
Methylmethacrylate	9.69	8.88	1.091	ok	1.092	1.032-1.152
Naphthalene	19.08	13.03	1.464	ok	1.465	1.405-1.525
Nonane	14.35	13.03	1.101	ok	1.101	1.041-1.161
Octane	12.15	13.03	0.932	ok	0.933	0.873-0.993
Pentane	5.49	7.29	0.753	ok	0.754	0.694-0.814
n-Propylbenzene	15.39	13.03	1.181	ok	1.181	1.121-1.241
Propylene	4.32	7.29	0.593	ok	0.593	0.533-0.653
Styrene	14.05	13.03	1.078	ok	1.078	1.018-1.138
1,1,1-Trichloroethane	8.16	7.29	1.119	ok	1.120	1.060-1.180
1,1,1,2-Tetrachloroethane	13.06	13.03	1.002	ok	1.002	0.942-1.062

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V3W1462-IC1462	3W38287.D	01/15/14 19:47	YMH	0.5	GCMS3W	TO-15	
V3W1462-IC1462	3W38288.D	01/15/14 20:27	YMH	0.2	GCMS3W	TO-15	
V3W1462-IC1462	3W38289.D	01/15/14 21:07	YMH	20	GCMS3W	TO-15	
V3W1462-IC1462	3W38290.D	01/15/14 21:48	YMH	15	GCMS3W	TO-15	
V3W1462-ICC1462	3W38291.D	01/15/14 22:28	YMH	10	GCMS3W	TO-15	
V3W1462-IC1462	3W38292.D	01/15/14 23:08	YMH	5	GCMS3W	TO-15	
V3W1462-IC1462	3W38294.D	01/16/14 00:28	YMH	0.1	GCMS3W	TO-15	
V3W1462-IC1462	3W38295.D	01/16/14 01:08	YMH	0.04	GCMS3W	TO-15	
V3W1462-IC1462	3W38296.D	01/16/14 01:49	YMH	30	GCMS3W	TO-15	
V3W1462-IC1462	3W38299.D	01/16/14 03:51	YMH	40	GCMS3W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,1,2,2-Tetrachloroethane	14.18	13.03	1.088	ok	1.087	1.027-1.147
1,1,2-Trichloroethane	10.97	8.88	1.235	ok	1.236	1.176-1.296
1,2,4-Trichlorobenzene	18.95	13.03	1.454	ok	1.455	1.395-1.515
1,2,3-Trichloropropane	14.30	13.03	1.097	ok	1.097	1.037-1.157
1,2,4-Trimethylbenzene	16.17	13.03	1.241	ok	1.240	1.180-1.300
1,3,5-Trimethylbenzene	15.67	13.03	1.203	ok	1.202	1.142-1.262
2,2,4-Trimethylpentane	9.42	8.88	1.061	ok	1.061	1.001-1.121
Tertiary Butyl Alcohol	5.73	7.29	0.786	ok	0.786	0.726-0.846
Tetrachloroethylene	12.35	13.03	0.948	ok	0.948	0.888-1.008
Tetrahydrofuran	7.67	7.29	1.052	ok	1.055	0.995-1.115
Toluene	11.23	8.88	1.265	ok	1.265	1.205-1.325
Trichloroethylene	9.49	8.88	1.069	ok	1.069	1.009-1.129
Trichlorofluoromethane	5.32	7.29	0.730	ok	0.730	0.670-0.790
Vinyl chloride	4.58	7.29	0.628	ok	0.628	0.568-0.688
Vinyl Acetate	6.62	7.29	0.908	ok	0.909	0.849-0.969
m,p-Xylene	13.64	13.03	1.047	ok	1.047	0.987-1.107
o-Xylene	14.15	13.03	1.086	ok	1.086	1.026-1.146
TVHC As Equiv Pentane	5.49	7.29	0.753	ok	0.754	0.694-0.814
TVHC As Equiv Heptane	9.68	8.88	1.090	ok	1.090	1.030-1.150

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	7.29	ok	7.28	6.95-7.61	169599	ok	152289	91373-213205
1,4-Difluorobenzene	8.88	ok	8.87	8.54-9.20	880036	ok	795672	477403-1113941
Chlorobenzene-D5	13.03	ok	13.02	12.69-13.35	467142	ok	392606	235564-549648

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.71	8.86	0.644	ok	0.644	0.584-0.704
Acrylonitrile	6.14	8.86	0.693	ok	0.693	0.633-0.753
Acetonitrile	5.46	8.86	0.616	ok	0.615	0.555-0.675
1,3-Butadiene	4.73	8.86	0.534	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.63	1.154	ok	1.154	1.094-1.214
Bromodichloromethane	11.86	11.07	1.071	ok	1.072	1.012-1.132
Bromoform	17.59	16.63	1.058	ok	1.058	0.998-1.118
Bromomethane	4.98	8.86	0.562	ok	0.562	0.502-0.622
Bromoethene	5.47	8.86	0.617	ok	0.618	0.558-0.678
n-Butane	4.78	8.86	0.540	ok	0.539	0.479-0.599
Benzyl Chloride	20.84	16.63	1.253	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.63	1.310	ok	1.309	1.249-1.369
sec-Butylbenzene	21.02	16.63	1.264	ok	1.264	1.204-1.324
tert-Butylbenzene	20.66	16.63	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.92	8.86	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.63	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.15	8.86	0.468	ok	0.468	0.408-0.528
Chloroethane	5.14	8.86	0.580	ok	0.580	0.520-0.640
Chloroform	9.00	8.86	1.016	ok	1.016	0.956-1.076
Chloromethane	4.40	8.86	0.497	ok	0.496	0.436-0.556
3-Chloropropene	6.72	8.86	0.758	ok	0.759	0.699-0.819
2-Chlorotoluene	19.74	16.63	1.187	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.78	8.86	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.12	11.07	1.366	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.95	11.07	1.079	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.25	8.86	0.480	ok	0.479	0.419-0.539
Dibromochloromethane	14.80	11.07	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.56	8.86	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.86	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.63	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.63	1.286	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.63	1.260	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.65	11.07	1.233	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.91	8.86	1.006	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.86	1.271	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.24	8.86	0.591	ok	0.592	0.532-0.652
Ethylbenzene	17.24	16.63	1.037	ok	1.037	0.977-1.097
Ethyl Acetate	8.93	8.86	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	20.01	16.63	1.203	ok	1.203	1.143-1.263
Freon 113	6.87	8.86	0.775	ok	0.775	0.715-0.835
Freon 114	4.49	8.86	0.507	ok	0.506	0.446-0.566
Freon 123	5.60	8.86	0.632	ok	0.632	0.572-0.692
Freon 123A	5.67	8.86	0.640	ok	0.639	0.579-0.699
Heptane	12.29	11.07	1.110	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.63	1.449	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.63	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2-Hexanone	14.62	11.07	1.321	ok	1.320	1.260-1.380
Iodomethane	6.42	8.86	0.725	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.63	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.93	8.86	0.669	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.23	16.63	1.277	ok	1.277	1.217-1.337
Methylene chloride	6.61	8.86	0.746	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.22	8.86	0.928	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.06	11.07	1.180	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.86	8.86	0.887	ok	0.886	0.826-0.946
Methylmethacrylate	12.18	11.07	1.100	ok	1.100	1.040-1.160
Naphthalene	23.65	16.63	1.422	ok	1.422	1.362-1.482
Nonane	18.56	16.63	1.116	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
Pentane	6.20	8.86	0.700	ok	0.700	0.640-0.760
n-Propylbenzene	19.80	16.63	1.191	ok	1.190	1.130-1.250
Propylene	4.18	8.86	0.472	ok	0.472	0.412-0.532
Styrene	18.03	16.63	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.12	8.86	1.142	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.63	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.63	1.414	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.63	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.63	1.243	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.12	16.63	1.210	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.53	8.86	0.737	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.49	8.86	1.071	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.87	8.86	0.663	ok	0.662	0.602-0.722
Vinyl chloride	4.60	8.86	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.86	0.895	ok	0.895	0.835-0.955
m,p-Xylene	17.49	16.63	1.052	ok	1.053	0.993-1.113
o-Xylene	18.19	16.63	1.094	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.21	16.63	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	112713	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	459145	ok	420242	252145-588339
Chlorobenzene-D5	16.63	ok	16.64	16.31-16.97	245313	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.71	8.86	0.644	ok	0.644	0.584-0.704
Acrylonitrile	6.15	8.86	0.694	ok	0.693	0.633-0.753
Acetonitrile	5.46	8.86	0.616	ok	0.615	0.555-0.675
1,3-Butadiene	4.73	8.86	0.534	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.63	1.154	ok	1.154	1.094-1.214
Bromodichloromethane	11.86	11.07	1.071	ok	1.072	1.012-1.132
Bromoform	17.59	16.63	1.058	ok	1.058	0.998-1.118
Bromomethane	4.98	8.86	0.562	ok	0.562	0.502-0.622
Bromoethene	5.47	8.86	0.617	ok	0.618	0.558-0.678
n-Butane	4.77	8.86	0.538	ok	0.539	0.479-0.599
Benzyl Chloride	20.84	16.63	1.253	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.63	1.310	ok	1.309	1.249-1.369
sec-Butylbenzene	21.02	16.63	1.264	ok	1.264	1.204-1.324
tert-Butylbenzene	20.66	16.63	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.92	8.86	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.63	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.15	8.86	0.468	ok	0.468	0.408-0.528
Chloroethane	5.14	8.86	0.580	ok	0.580	0.520-0.640
Chloroform	8.99	8.86	1.015	ok	1.016	0.956-1.076
Chloromethane	4.40	8.86	0.497	ok	0.496	0.436-0.556
3-Chloropropene	6.72	8.86	0.758	ok	0.759	0.699-0.819
2-Chlorotoluene	19.74	16.63	1.187	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.78	8.86	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.12	11.07	1.366	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.96	11.07	1.080	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.25	8.86	0.480	ok	0.479	0.419-0.539
Dibromochloromethane	14.79	11.07	1.336	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.56	8.86	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.86	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.63	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.63	1.286	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.63	1.260	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.66	11.07	1.234	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.91	8.86	1.006	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.86	1.271	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.25	8.86	0.593	ok	0.592	0.532-0.652
Ethylbenzene	17.24	16.63	1.037	ok	1.037	0.977-1.097
Ethyl Acetate	8.93	8.86	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	20.01	16.63	1.203	ok	1.203	1.143-1.263
Freon 113	6.87	8.86	0.775	ok	0.775	0.715-0.835
Freon 114	4.48	8.86	0.506	ok	0.506	0.446-0.566
Freon 123	5.60	8.86	0.632	ok	0.632	0.572-0.692
Freon 123A	5.66	8.86	0.639	ok	0.639	0.579-0.699
Heptane	12.28	11.07	1.109	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.63	1.449	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.63	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2-Hexanone	14.62	11.07	1.321	ok	1.320	1.260-1.380
Iodomethane	6.42	8.86	0.725	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.63	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.94	8.86	0.670	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.23	16.63	1.277	ok	1.277	1.217-1.337
Methylene chloride	6.60	8.86	0.745	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.22	8.86	0.928	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.06	11.07	1.180	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.86	8.86	0.887	ok	0.886	0.826-0.946
Methylmethacrylate	12.17	11.07	1.099	ok	1.100	1.040-1.160
Naphthalene	23.65	16.63	1.422	ok	1.422	1.362-1.482
Nonane	18.56	16.63	1.116	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
Pentane	6.20	8.86	0.700	ok	0.700	0.640-0.760
n-Propylbenzene	19.80	16.63	1.191	ok	1.190	1.130-1.250
Propylene	4.18	8.86	0.472	ok	0.472	0.412-0.532
Styrene	18.03	16.63	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.12	8.86	1.142	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.63	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.63	1.414	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.63	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.63	1.243	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.12	16.63	1.210	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.53	8.86	0.737	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.51	8.86	1.073	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.87	8.86	0.663	ok	0.662	0.602-0.722
Vinyl chloride	4.60	8.86	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.86	0.895	ok	0.895	0.835-0.955
m,p-Xylene	17.51	16.63	1.053	ok	1.053	0.993-1.113
o-Xylene	18.19	16.63	1.094	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.21	16.63	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	107667	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	445981	ok	420242	252145-588339
Chlorobenzene-D5	16.63	ok	16.64	16.31-16.97	241391	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acrylonitrile	6.15	8.86	0.694	ok	0.693	0.633-0.753
1,3-Butadiene	4.73	8.86	0.534	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.63	1.154	ok	1.154	1.094-1.214
Bromodichloromethane	11.86	11.07	1.071	ok	1.072	1.012-1.132
Bromoform	17.59	16.63	1.058	ok	1.058	0.998-1.118
Bromomethane	4.99	8.86	0.563	ok	0.562	0.502-0.622
Bromoethene	5.48	8.86	0.619	ok	0.618	0.558-0.678
Benzyl Chloride	20.84	16.63	1.253	ok	1.253	1.193-1.313
n-Butylbenzene	21.79	16.63	1.310	ok	1.309	1.249-1.369
sec-Butylbenzene	21.03	16.63	1.265	ok	1.264	1.204-1.324
tert-Butylbenzene	20.65	16.63	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.92	8.86	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.63	1.004	ok	1.004	0.944-1.064
Chloroform	8.99	8.86	1.015	ok	1.016	0.956-1.076
Chloromethane	4.39	8.86	0.495	ok	0.496	0.436-0.556
2-Chlorotoluene	19.74	16.63	1.187	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.77	8.86	0.877	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.13	11.07	1.367	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.97	11.07	1.081	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.25	8.86	0.480	ok	0.479	0.419-0.539
Dibromochloromethane	14.80	11.07	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.59	11.07	1.047	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.57	8.86	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.86	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.63	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.63	1.286	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.63	1.260	ok	1.259	1.199-1.319
trans-1,3-Dichloropropene	13.65	11.07	1.233	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.91	8.86	1.006	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.27	8.86	1.272	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethylbenzene	17.25	16.63	1.037	ok	1.037	0.977-1.097
Ethyl Acetate	8.94	8.86	1.009	ok	1.008	0.948-1.068

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
4-Ethyltoluene	20.01	16.63	1.203	ok	1.203	1.143-1.263
Freon 113	6.87	8.86	0.775	ok	0.775	0.715-0.835
Freon 114	4.48	8.86	0.506	ok	0.506	0.446-0.566
Freon 123	5.60	8.86	0.632	ok	0.632	0.572-0.692
Freon 123A	5.67	8.86	0.640	ok	0.639	0.579-0.699
Heptane	12.29	11.07	1.110	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.63	1.449	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.63	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2-Hexanone	14.62	11.07	1.321	ok	1.320	1.260-1.380
Iodomethane	6.41	8.86	0.723	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.63	1.147	ok	1.147	1.087-1.207
p-Isopropyltoluene	21.23	16.63	1.277	ok	1.277	1.217-1.337
Methyl ethyl ketone	8.23	8.86	0.929	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.07	11.07	1.181	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.86	8.86	0.887	ok	0.886	0.826-0.946
Methylmethacrylate	12.19	11.07	1.101	ok	1.100	1.040-1.160
Naphthalene	23.66	16.63	1.423	ok	1.422	1.362-1.482
Nonane	18.56	16.63	1.116	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
n-Propylbenzene	19.81	16.63	1.191	ok	1.190	1.130-1.250
Propylene	4.18	8.86	0.472	ok	0.472	0.412-0.532
Styrene	18.03	16.63	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.13	8.86	1.143	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.63	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.89	11.07	1.255	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.63	1.414	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.63	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.63	1.243	ok	1.243	1.183-1.303
1,3,5-Trimethylbenzene	20.12	16.63	1.210	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.54	8.86	0.738	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.50	8.86	1.072	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.87	8.86	0.663	ok	0.662	0.602-0.722
Vinyl chloride	4.60	8.86	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.86	0.895	ok	0.895	0.835-0.955

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
m,p-Xylene	17.49	16.63	1.052	ok	1.053	0.993-1.113
o-Xylene	18.19	16.63	1.094	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.21	16.63	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	103625	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	434658	ok	420242	252145-588339
Chlorobenzene-D5	16.63	ok	16.64	16.31-16.97	240937	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	Reporting this level
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3-Butadiene	4.72	8.85	0.533	ok	0.534	0.474-0.594
Benzene	10.66	8.85	1.205	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.63	1.154	ok	1.154	1.094-1.214
Bromodichloromethane	11.86	11.07	1.071	ok	1.072	1.012-1.132
Bromoform	17.59	16.63	1.058	ok	1.058	0.998-1.118
Bromomethane	4.98	8.85	0.563	ok	0.562	0.502-0.622
Bromoethene	5.47	8.85	0.618	ok	0.618	0.558-0.678
Benzyl Chloride	20.84	16.63	1.253	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.63	1.310	ok	1.309	1.249-1.369
sec-Butylbenzene	21.02	16.63	1.264	ok	1.264	1.204-1.324
tert-Butylbenzene	20.66	16.63	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.91	8.85	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.63	1.004	ok	1.004	0.944-1.064
Chloroform	8.99	8.85	1.016	ok	1.016	0.956-1.076
Chloromethane	4.39	8.85	0.496	ok	0.496	0.436-0.556
2-Chlorotoluene	19.74	16.63	1.187	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.85	1.224	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.85	1.241	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.76	8.85	0.877	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.48	8.85	0.732	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.13	11.07	1.367	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.85	1.111	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.62	11.07	1.050	ok	1.050	0.990-1.110
1,4-Dioxane	11.98	11.07	1.082	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.24	8.85	0.479	ok	0.479	0.419-0.539
Dibromochloromethane	14.79	11.07	1.336	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.56	8.85	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.85	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.98	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.63	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.63	1.286	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.63	1.260	ok	1.259	1.199-1.319
trans-1,3-Dichloropropene	13.65	11.07	1.233	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.91	8.85	1.007	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.85	1.272	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.85	1.119	ok	1.118	1.058-1.178
Ethylbenzene	17.25	16.63	1.037	ok	1.037	0.977-1.097
4-Ethyltoluene	20.01	16.63	1.203	ok	1.203	1.143-1.263
Freon 113	6.86	8.85	0.775	ok	0.775	0.715-0.835

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	Reporting this level
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Freon 114	4.48	8.85	0.506	ok	0.506	0.446-0.566
Freon 123	5.60	8.85	0.633	ok	0.632	0.572-0.692
Freon 123A	5.65	8.85	0.638	ok	0.639	0.579-0.699
Heptane	12.28	11.07	1.109	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.63	1.449	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.63	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.85	1.006	ok	1.005	0.945-1.065
2-Hexanone	14.62	11.07	1.321	ok	1.320	1.260-1.380
Iodomethane	6.42	8.85	0.725	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.63	1.147	ok	1.147	1.087-1.207
p-Isopropyltoluene	21.24	16.63	1.277	ok	1.277	1.217-1.337
Methyl ethyl ketone	8.23	8.85	0.930	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.07	11.07	1.181	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.86	8.85	0.888	ok	0.886	0.826-0.946
Methylmethacrylate	12.18	11.07	1.100	ok	1.100	1.040-1.160
Naphthalene	23.66	16.63	1.423	ok	1.422	1.362-1.482
Nonane	18.56	16.63	1.116	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
n-Propylbenzene	19.80	16.63	1.191	ok	1.190	1.130-1.250
Propylene	4.18	8.85	0.472	ok	0.472	0.412-0.532
Styrene	18.03	16.63	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.11	8.85	1.142	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.63	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.63	1.414	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.63	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.63	1.243	ok	1.243	1.183-1.303
1,3,5-Trimethylbenzene	20.12	16.63	1.210	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.55	8.85	0.740	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.91	11.07	1.076	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.86	8.85	0.662	ok	0.662	0.602-0.722
Vinyl chloride	4.59	8.85	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.85	0.896	ok	0.895	0.835-0.955
m,p-Xylene	17.52	16.63	1.054	ok	1.053	0.993-1.113
o-Xylene	18.19	16.63	1.094	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.20	16.63	0.373	ok	0.373	0.313-0.433

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	Reporting this level
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.85	ok	8.86	8.53-9.19	99199	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	414663	ok	420242	252145-588339
Chlorobenzene-D5	16.63	ok	16.64	16.31-16.97	235955	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.70	8.86	0.643	ok	0.644	0.584-0.704
Acrylonitrile	6.14	8.86	0.693	ok	0.693	0.633-0.753
Acetonitrile	5.44	8.86	0.614	ok	0.615	0.555-0.675
1,3-Butadiene	4.72	8.86	0.533	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.64	1.153	ok	1.154	1.094-1.214
Bromodichloromethane	11.87	11.07	1.072	ok	1.072	1.012-1.132
Bromoform	17.59	16.64	1.057	ok	1.058	0.998-1.118
Bromomethane	4.98	8.86	0.562	ok	0.562	0.502-0.622
Bromoethene	5.47	8.86	0.617	ok	0.618	0.558-0.678
n-Butane	4.77	8.86	0.538	ok	0.539	0.479-0.599
Benzyl Chloride	20.84	16.64	1.252	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.64	1.309	ok	1.309	1.249-1.369
sec-Butylbenzene	21.02	16.64	1.263	ok	1.264	1.204-1.324
tert-Butylbenzene	20.66	16.64	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.91	8.86	0.780	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.64	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.14	8.86	0.467	ok	0.468	0.408-0.528
Chloroethane	5.14	8.86	0.580	ok	0.580	0.520-0.640
Chloroform	9.00	8.86	1.016	ok	1.016	0.956-1.076
Chloromethane	4.39	8.86	0.495	ok	0.496	0.436-0.556
3-Chloropropene	6.72	8.86	0.758	ok	0.759	0.699-0.819
2-Chlorotoluene	19.74	16.64	1.186	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.77	8.86	0.877	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.12	11.07	1.366	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.93	11.07	1.078	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.24	8.86	0.479	ok	0.479	0.419-0.539
Dibromochloromethane	14.80	11.07	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.56	8.86	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.86	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.64	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.64	1.285	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.64	1.259	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.66	11.07	1.234	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.86	1.271	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.24	8.86	0.591	ok	0.592	0.532-0.652
Ethylbenzene	17.24	16.64	1.036	ok	1.037	0.977-1.097
Ethyl Acetate	8.92	8.86	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	20.01	16.64	1.203	ok	1.203	1.143-1.263
Freon 113	6.86	8.86	0.774	ok	0.775	0.715-0.835
Freon 114	4.48	8.86	0.506	ok	0.506	0.446-0.566
Freon 123	5.60	8.86	0.632	ok	0.632	0.572-0.692
Freon 123A	5.65	8.86	0.638	ok	0.639	0.579-0.699
Heptane	12.28	11.07	1.109	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.64	1.448	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.64	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2-Hexanone	14.61	11.07	1.320	ok	1.320	1.260-1.380
Iodomethane	6.41	8.86	0.723	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.64	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.92	8.86	0.668	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.24	16.64	1.276	ok	1.277	1.217-1.337
Methylene chloride	6.60	8.86	0.745	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.20	8.86	0.926	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.04	11.07	1.178	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.84	8.86	0.885	ok	0.886	0.826-0.946
Methylmethacrylate	12.17	11.07	1.099	ok	1.100	1.040-1.160
Naphthalene	23.65	16.64	1.421	ok	1.422	1.362-1.482
Nonane	18.56	16.64	1.115	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
Pentane	6.20	8.86	0.700	ok	0.700	0.640-0.760
n-Propylbenzene	19.80	16.64	1.190	ok	1.190	1.130-1.250
Propylene	4.17	8.86	0.471	ok	0.472	0.412-0.532
Styrene	18.04	16.64	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.12	8.86	1.142	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.64	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.64	1.413	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.64	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.64	1.242	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.12	16.64	1.209	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.52	8.86	0.736	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.46	8.86	1.068	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.86	8.86	0.661	ok	0.662	0.602-0.722
Vinyl chloride	4.59	8.86	0.518	ok	0.519	0.459-0.579
Vinyl Acetate	7.92	8.86	0.894	ok	0.895	0.835-0.955
m,p-Xylene	17.52	16.64	1.053	ok	1.053	0.993-1.113
o-Xylene	18.19	16.64	1.093	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.20	16.64	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	96858	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	407979	ok	420242	252145-588339
Chlorobenzene-D5	16.64	ok	16.64	16.31-16.97	245895	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.70	8.86	0.643	ok	0.644	0.584-0.704
Acrylonitrile	6.14	8.86	0.693	ok	0.693	0.633-0.753
Acetonitrile	5.45	8.86	0.615	ok	0.615	0.555-0.675
1,3-Butadiene	4.73	8.86	0.534	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.64	1.153	ok	1.154	1.094-1.214
Bromodichloromethane	11.87	11.07	1.072	ok	1.072	1.012-1.132
Bromoform	17.59	16.64	1.057	ok	1.058	0.998-1.118
Bromomethane	4.99	8.86	0.563	ok	0.562	0.502-0.622
Bromoethene	5.48	8.86	0.619	ok	0.618	0.558-0.678
n-Butane	4.78	8.86	0.540	ok	0.539	0.479-0.599
Benzyl Chloride	20.84	16.64	1.252	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.64	1.309	ok	1.309	1.249-1.369
sec-Butylbenzene	21.02	16.64	1.263	ok	1.264	1.204-1.324
tert-Butylbenzene	20.66	16.64	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.92	8.86	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.64	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.15	8.86	0.468	ok	0.468	0.408-0.528
Chloroethane	5.15	8.86	0.581	ok	0.580	0.520-0.640
Chloroform	9.00	8.86	1.016	ok	1.016	0.956-1.076
Chloromethane	4.40	8.86	0.497	ok	0.496	0.436-0.556
3-Chloropropene	6.72	8.86	0.758	ok	0.759	0.699-0.819
2-Chlorotoluene	19.74	16.64	1.186	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.78	8.86	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.12	11.07	1.366	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.94	11.07	1.079	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.25	8.86	0.480	ok	0.479	0.419-0.539
Dibromochloromethane	14.80	11.07	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.57	8.86	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.68	8.86	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.64	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.64	1.285	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.64	1.259	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.65	11.07	1.233	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.86	1.271	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.24	8.86	0.591	ok	0.592	0.532-0.652
Ethylbenzene	17.24	16.64	1.036	ok	1.037	0.977-1.097
Ethyl Acetate	8.93	8.86	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	20.01	16.64	1.203	ok	1.203	1.143-1.263
Freon 113	6.87	8.86	0.775	ok	0.775	0.715-0.835
Freon 114	4.49	8.86	0.507	ok	0.506	0.446-0.566
Freon 123	5.61	8.86	0.633	ok	0.632	0.572-0.692
Freon 123A	5.66	8.86	0.639	ok	0.639	0.579-0.699
Heptane	12.28	11.07	1.109	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.64	1.448	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.64	1.337	ok	1.337	1.277-1.397
Hexane	8.91	8.86	1.006	ok	1.005	0.945-1.065
2-Hexanone	14.61	11.07	1.320	ok	1.320	1.260-1.380
Iodomethane	6.42	8.86	0.725	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.64	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.93	8.86	0.669	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.23	16.64	1.276	ok	1.277	1.217-1.337
Methylene chloride	6.61	8.86	0.746	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.20	8.86	0.926	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.04	11.07	1.178	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.84	8.86	0.885	ok	0.886	0.826-0.946
Methylmethacrylate	12.17	11.07	1.099	ok	1.100	1.040-1.160
Naphthalene	23.65	16.64	1.421	ok	1.422	1.362-1.482
Nonane	18.56	16.64	1.115	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
Pentane	6.21	8.86	0.701	ok	0.700	0.640-0.760
n-Propylbenzene	19.80	16.64	1.190	ok	1.190	1.130-1.250
Propylene	4.18	8.86	0.472	ok	0.472	0.412-0.532
Styrene	18.04	16.64	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.13	8.86	1.143	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.64	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.64	1.413	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.64	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.64	1.242	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.12	16.64	1.209	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.52	8.86	0.736	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.48	8.86	1.070	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.87	8.86	0.663	ok	0.662	0.602-0.722
Vinyl chloride	4.60	8.86	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.86	0.895	ok	0.895	0.835-0.955
m,p-Xylene	17.52	16.64	1.053	ok	1.053	0.993-1.113
o-Xylene	18.19	16.64	1.093	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.21	16.64	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	99582	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	414366	ok	420242	252145-588339
Chlorobenzene-D5	16.64	ok	16.64	16.31-16.97	245018	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.70	8.86	0.643	ok	0.644	0.584-0.704
Acrylonitrile	6.14	8.86	0.693	ok	0.693	0.633-0.753
Acetonitrile	5.44	8.86	0.614	ok	0.615	0.555-0.675
1,3-Butadiene	4.72	8.86	0.533	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.19	16.64	1.153	ok	1.154	1.094-1.214
Bromodichloromethane	11.87	11.07	1.072	ok	1.072	1.012-1.132
Bromoform	17.60	16.64	1.058	ok	1.058	0.998-1.118
Bromomethane	4.97	8.86	0.561	ok	0.562	0.502-0.622
Bromoethene	5.46	8.86	0.616	ok	0.618	0.558-0.678
n-Butane	4.77	8.86	0.538	ok	0.539	0.479-0.599
Benzyl Chloride	20.84	16.64	1.252	ok	1.253	1.193-1.313
n-Butylbenzene	21.78	16.64	1.309	ok	1.309	1.249-1.369
sec-Butylbenzene	21.03	16.64	1.264	ok	1.264	1.204-1.324
tert-Butylbenzene	20.67	16.64	1.242	ok	1.242	1.182-1.302
Carbon disulfide	6.91	8.86	0.780	ok	0.781	0.721-0.841
Chlorobenzene	16.70	16.64	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.14	8.86	0.467	ok	0.468	0.408-0.528
Chloroethane	5.13	8.86	0.579	ok	0.580	0.520-0.640
Chloroform	9.00	8.86	1.016	ok	1.016	0.956-1.076
Chloromethane	4.39	8.86	0.495	ok	0.496	0.436-0.556
3-Chloropropene	6.72	8.86	0.758	ok	0.759	0.699-0.819
2-Chlorotoluene	19.75	16.64	1.187	ok	1.187	1.127-1.247
Carbon tetrachloride	10.83	8.86	1.222	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.77	8.86	0.877	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.48	8.86	0.731	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.13	11.07	1.367	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.83	8.86	1.109	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.63	11.07	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.93	11.07	1.078	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.24	8.86	0.479	ok	0.479	0.419-0.539
Dibromochloromethane	14.80	11.07	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.60	11.07	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.56	8.86	0.853	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.67	8.86	0.979	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.07	1.173	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.86	16.64	1.254	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.39	16.64	1.285	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.95	16.64	1.259	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.66	11.07	1.234	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.26	8.86	1.271	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.24	8.86	0.591	ok	0.592	0.532-0.652
Ethylbenzene	17.25	16.64	1.037	ok	1.037	0.977-1.097
Ethyl Acetate	8.92	8.86	1.007	ok	1.008	0.948-1.068
4-Ethyltoluene	20.01	16.64	1.203	ok	1.203	1.143-1.263
Freon 113	6.86	8.86	0.774	ok	0.775	0.715-0.835
Freon 114	4.48	8.86	0.506	ok	0.506	0.446-0.566
Freon 123	5.60	8.86	0.632	ok	0.632	0.572-0.692
Freon 123A	5.65	8.86	0.638	ok	0.639	0.579-0.699
Heptane	12.29	11.07	1.110	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.64	1.448	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.64	1.337	ok	1.337	1.277-1.397
Hexane	8.90	8.86	1.005	ok	1.005	0.945-1.065
2-Hexanone	14.61	11.07	1.320	ok	1.320	1.260-1.380
Iodomethane	6.41	8.86	0.723	ok	0.724	0.664-0.784
Isopropylbenzene	19.08	16.64	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.92	8.86	0.668	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.24	16.64	1.276	ok	1.277	1.217-1.337
Methylene chloride	6.60	8.86	0.745	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.20	8.86	0.926	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.05	11.07	1.179	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.84	8.86	0.885	ok	0.886	0.826-0.946
Methylmethacrylate	12.17	11.07	1.099	ok	1.100	1.040-1.160
Naphthalene	23.66	16.64	1.422	ok	1.422	1.362-1.482
Nonane	18.56	16.64	1.115	ok	1.116	1.056-1.176
Octane	15.58	11.07	1.407	ok	1.407	1.347-1.467
Pentane	6.20	8.86	0.700	ok	0.700	0.640-0.760
n-Propylbenzene	19.81	16.64	1.191	ok	1.190	1.130-1.250
Propylene	4.17	8.86	0.471	ok	0.472	0.412-0.532
Styrene	18.04	16.64	1.084	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.12	8.86	1.142	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.68	11.07	1.507	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.18	16.64	1.093	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.88	11.07	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.52	16.64	1.413	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.38	16.64	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.67	16.64	1.242	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	Reporting this level
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.12	16.64	1.209	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.96	11.07	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.52	8.86	0.736	ok	0.737	0.677-0.797
Tetrachloroethylene	15.76	11.07	1.424	ok	1.424	1.364-1.484
Tetrahydrofuran	9.46	8.86	1.068	ok	1.070	1.010-1.130
Toluene	14.24	11.07	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.92	11.07	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.86	8.86	0.661	ok	0.662	0.602-0.722
Vinyl chloride	4.59	8.86	0.518	ok	0.519	0.459-0.579
Vinyl Acetate	7.92	8.86	0.894	ok	0.895	0.835-0.955
m,p-Xylene	17.52	16.64	1.053	ok	1.053	0.993-1.113
o-Xylene	18.19	16.64	1.093	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.20	16.64	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	95062	ok	100678	60407-140949
1,4-Difluorobenzene	11.07	ok	11.07	10.74-11.40	400056	ok	420242	252145-588339
Chlorobenzene-D5	16.64	ok	16.64	16.31-16.97	255650	ok	248342	149005-347679

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
Acetone	5.70	8.86	0.643	ok	0.644	0.584-0.704
Acrylonitrile	6.15	8.86	0.694	ok	0.693	0.633-0.753
Acetonitrile	5.46	8.86	0.616	ok	0.615	0.555-0.675
1,3-Butadiene	4.73	8.86	0.534	ok	0.534	0.474-0.594
Benzene	10.66	8.86	1.203	ok	1.203	1.143-1.263
Bromobenzene	19.20	16.65	1.153	ok	1.154	1.094-1.214
Bromodichloromethane	11.88	11.08	1.072	ok	1.072	1.012-1.132
Bromoform	17.61	16.65	1.058	ok	1.058	0.998-1.118
Bromomethane	4.99	8.86	0.563	ok	0.562	0.502-0.622
Bromoethene	5.48	8.86	0.619	ok	0.618	0.558-0.678
n-Butane	4.78	8.86	0.540	ok	0.539	0.479-0.599
Benzyl Chloride	20.85	16.65	1.252	ok	1.253	1.193-1.313
n-Butylbenzene	21.79	16.65	1.309	ok	1.309	1.249-1.369
sec-Butylbenzene	21.03	16.65	1.263	ok	1.264	1.204-1.324
tert-Butylbenzene	20.67	16.65	1.241	ok	1.242	1.182-1.302
Carbon disulfide	6.92	8.86	0.781	ok	0.781	0.721-0.841
Chlorobenzene	16.71	16.65	1.004	ok	1.004	0.944-1.064
Chlorodifluoromethane	4.15	8.86	0.468	ok	0.468	0.408-0.528
Chloroethane	5.15	8.86	0.581	ok	0.580	0.520-0.640
Chloroform	9.01	8.86	1.017	ok	1.016	0.956-1.076
Chloromethane	4.40	8.86	0.497	ok	0.496	0.436-0.556
3-Chloropropene	6.73	8.86	0.760	ok	0.759	0.699-0.819
2-Chlorotoluene	19.75	16.65	1.186	ok	1.187	1.127-1.247
Carbon tetrachloride	10.84	8.86	1.223	ok	1.223	1.163-1.283
Cyclohexane	10.98	8.86	1.239	ok	1.239	1.179-1.299
1,1-Dichloroethane	7.78	8.86	0.878	ok	0.878	0.818-0.938
1,1-Dichloroethylene	6.49	8.86	0.733	ok	0.732	0.672-0.792
1,2-Dibromoethane	15.14	11.08	1.366	ok	1.366	1.306-1.426
1,2-Dichloroethane	9.84	8.86	1.111	ok	1.110	1.050-1.170
1,2-Dichloropropane	11.64	11.08	1.051	ok	1.050	0.990-1.110
1,4-Dioxane	11.94	11.08	1.078	ok	1.079	1.019-1.139
Dichlorodifluoromethane	4.25	8.86	0.480	ok	0.479	0.419-0.539
Dibromochloromethane	14.81	11.08	1.337	ok	1.337	1.277-1.397
Dibromomethane	11.61	11.08	1.048	ok	1.048	0.988-1.108
trans-1,2-Dichloroethylene	7.57	8.86	0.854	ok	0.854	0.794-0.914
cis-1,2-Dichloroethylene	8.68	8.86	0.980	ok	0.979	0.919-1.039
cis-1,3-Dichloropropene	12.99	11.08	1.172	ok	1.173	1.113-1.233
m-Dichlorobenzene	20.87	16.65	1.253	ok	1.254	1.194-1.314
o-Dichlorobenzene	21.40	16.65	1.285	ok	1.286	1.226-1.346
p-Dichlorobenzene	20.96	16.65	1.259	ok	1.259	1.199-1.319

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
trans-1,3-Dichloropropene	13.67	11.08	1.234	ok	1.233	1.173-1.293
Di-Isopropyl ether	8.90	8.86	1.005	ok	1.005	0.945-1.065
2,3-Dimethylpentane	11.27	8.86	1.272	ok	1.271	1.211-1.331
2,4-Dimethylpentane	9.90	8.86	1.117	ok	1.118	1.058-1.178
Ethanol	5.25	8.86	0.593	ok	0.592	0.532-0.652
Ethylbenzene	17.25	16.65	1.036	ok	1.037	0.977-1.097
Ethyl Acetate	8.93	8.86	1.008	ok	1.008	0.948-1.068
4-Ethyltoluene	20.02	16.65	1.202	ok	1.203	1.143-1.263
Freon 113	6.87	8.86	0.775	ok	0.775	0.715-0.835
Freon 114	4.49	8.86	0.507	ok	0.506	0.446-0.566
Freon 123	5.61	8.86	0.633	ok	0.632	0.572-0.692
Freon 123A	5.67	8.86	0.640	ok	0.639	0.579-0.699
Heptane	12.30	11.08	1.110	ok	1.110	1.050-1.170
Hexachlorobutadiene	24.10	16.65	1.447	ok	1.449	1.389-1.509
Hexachloroethane	22.24	16.65	1.336	ok	1.337	1.277-1.397
Hexane	8.91	8.86	1.006	ok	1.005	0.945-1.065
2-Hexanone	14.62	11.08	1.319	ok	1.320	1.260-1.380
Iodomethane	6.42	8.86	0.725	ok	0.724	0.664-0.784
Isopropylbenzene	19.09	16.65	1.147	ok	1.147	1.087-1.207
Isopropyl Alcohol	5.94	8.86	0.670	ok	0.669	0.609-0.729
p-Isopropyltoluene	21.25	16.65	1.276	ok	1.277	1.217-1.337
Methylene chloride	6.61	8.86	0.746	ok	0.745	0.685-0.805
Methyl ethyl ketone	8.20	8.86	0.926	ok	0.927	0.867-0.987
Methyl Isobutyl Ketone	13.06	11.08	1.179	ok	1.179	1.119-1.239
Methyl Tert Butyl Ether	7.84	8.86	0.885	ok	0.886	0.826-0.946
Methylmethacrylate	12.18	11.08	1.099	ok	1.100	1.040-1.160
Naphthalene	23.66	16.65	1.421	ok	1.422	1.362-1.482
Nonane	18.57	16.65	1.115	ok	1.116	1.056-1.176
Octane	15.59	11.08	1.407	ok	1.407	1.347-1.467
Pentane	6.21	8.86	0.701	ok	0.700	0.640-0.760
n-Propylbenzene	19.81	16.65	1.190	ok	1.190	1.130-1.250
Propylene	4.18	8.86	0.472	ok	0.472	0.412-0.532
Styrene	18.04	16.65	1.083	ok	1.084	1.024-1.144
1,1,1-Trichloroethane	10.13	8.86	1.143	ok	1.143	1.083-1.203
1,1,1,2-Tetrachloroethane	16.69	11.08	1.506	ok	1.507	1.447-1.567
1,1,2,2-Tetrachloroethane	18.19	16.65	1.092	ok	1.093	1.033-1.153
1,1,2-Trichloroethane	13.89	11.08	1.254	ok	1.254	1.194-1.314
1,2,4-Trichlorobenzene	23.53	16.65	1.413	ok	1.414	1.354-1.474
1,2,3-Trichloropropane	18.39	16.65	1.105	ok	1.105	1.045-1.165
1,2,4-Trimethylbenzene	20.68	16.65	1.242	ok	1.243	1.183-1.303

Initial Calibration Retention Time/Internal Standard Area Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample Number	Lab File ID	Injected	By	Level	Inst ID	Method	
V5W79-IC79	5W1962.D	12/23/13 17:34	ML	0.5	GCMS5W	TO-15	
V5W79-IC79	5W1963.D	12/23/13 18:20	ML	0.2	GCMS5W	TO-15	
V5W79-IC79	5W1964.D	12/23/13 19:04	ML	0.1	GCMS5W	TO-15	
V5W79-IC79	5W1965.D	12/23/13 19:48	ML	0.04	GCMS5W	TO-15	
V5W79-ICC79	5W1966.D	12/23/13 20:32	ML	10	GCMS5W	TO-15	
V5W79-IC79	5W1967.D	12/23/13 21:15	ML	5	GCMS5W	TO-15	
V5W79-IC79	5W1968.D	12/23/13 22:01	ML	20	GCMS5W	TO-15	
V5W79-IC79	5W1971.D	12/24/13 00:23	ML	40	GCMS5W	TO-15	Reporting this level

Target Compound	RT (min.)	Istd RT (min.)	Rel RT		Mean Rel RT	Rel RT Range (+ /- .06)
1,3,5-Trimethylbenzene	20.13	16.65	1.209	ok	1.209	1.149-1.269
2,2,4-Trimethylpentane	11.97	11.08	1.080	ok	1.080	1.020-1.140
Tertiary Butyl Alcohol	6.53	8.86	0.737	ok	0.737	0.677-0.797
Tetrachloroethylene	15.77	11.08	1.423	ok	1.424	1.364-1.484
Tetrahydrofuran	9.47	8.86	1.069	ok	1.070	1.010-1.130
Toluene	14.25	11.08	1.286	ok	1.286	1.226-1.346
Trichloroethylene	11.93	11.08	1.077	ok	1.077	1.017-1.137
Trichlorofluoromethane	5.87	8.86	0.663	ok	0.662	0.602-0.722
Vinyl chloride	4.60	8.86	0.519	ok	0.519	0.459-0.579
Vinyl Acetate	7.93	8.86	0.895	ok	0.895	0.835-0.955
m,p-Xylene	17.52	16.65	1.052	ok	1.053	0.993-1.113
o-Xylene	18.20	16.65	1.093	ok	1.093	1.033-1.153
TVHC As Equiv Pentane	6.21	16.65	0.373	ok	0.373	0.313-0.433

Internal Standard	RT (min.)		Mean RT(min.)	RT Range (+ /- 0.33)	Area		Mean Area	Area Range (+ /- 40 %)
Bromochloromethane	8.86	ok	8.86	8.53-9.19	90717	ok	100678	60407-140949
1,4-Difluorobenzene	11.08	ok	11.07	10.74-11.40	385086	ok	420242	252145-588339
Chlorobenzene-D5	16.65	ok	16.64	16.31-16.97	276576	ok	248342	149005-347679

Volatile Surrogate Recovery Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Method: TO-15 **Matrix:** AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JB58146-1	5W2475.D	99.0
JB58146-2	5W2476.D	99.0
JB58146-3	5W2477.D	98.0
JB58146-4	3W38402.D	93.0
JB57857-1DUP	3W38395.D	111.0
JB57931-4DUP	5W2465.D	98.0
V3W1457-SCC	3W38132.D	94.0
V3W1466-BS	3W38386.D	104.0
V3W1466-BSD	3W38387.D	105.0
V3W1466-MB	3W38389.D	90.0
V5W99-BS	5W2457.D	99.0
V5W99-BSD	5W2458.D	100.0
V5W99-MB	5W2460.D	100.0
V3W1457-BS	3W38127.D	108.0
V3W1457-BSD	3W38128.D	108.0
V3W1457-MB	3W38130.D	94.0

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICC1416
Lab FileID: 3W36937.D

Response Factor Report MS3W

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

Calibration Files
0.04=3W36941.D 0.1 =3W36940.D 0.2 =3W36948.D 0.5 =3W36947.D
5 =3W36938.D 10 =3W36937.D 20 =3W36935.D 40 =3W36944.D
15 =3W36936.D 30 =3W36942.D = =

Compound	0.04	0.1	0.2	0.5	5	10	20	40	15	30	Avg	%RSD
1) I BROMOCHLOROMETHANE	ISTD											
2) FREON 115											0.000	-1.00
3) FREON 152A	0.996	0.901	0.996	0.999	0.823	0.797	0.818	0.820	0.843	0.838	0.883	9.40
4) CHLORODIFLUOROMETHANE			0.422	0.403	0.288	0.279	0.292	0.290	0.296	0.300	0.321	17.68
5) DICHLORODIFLUOROMETHANE			3.570	3.419	3.066	2.846	2.913	2.835	2.977	2.948	3.072	8.92
6) PROPYLENE			1.346	1.422	1.189	1.124	1.157	1.110	1.186	1.152	1.211	9.26
7) FREON 114	3.346	3.688	3.589	3.903	3.286	3.122	3.250	3.119	3.306	3.269	3.388	7.56
8) CHLOROMETHANE			1.706	1.703	1.490	1.446	1.507	1.467	1.519	1.532	1.546	6.57
9) VINYL CHLORIDE	1.299	1.603	1.457	1.636	1.456	1.391	1.451	1.407	1.464	1.456	1.462	6.64
10) 1,3-BUTADIENE	1.340	1.112	1.190	1.192	1.043	1.018	1.078	1.068	1.096	1.092	1.123	8.43
11) n-BUTANE			2.657	2.516	2.191	2.088	2.155	2.077	2.202	2.162	2.256	9.40
12) BROMOMETHANE	1.488	1.349	1.353	1.468	1.274	1.228	1.290	1.257	1.300	1.306	1.331	6.47
13) CHLOROETHANE	0.697	0.804	0.783	0.875	0.758	0.725	0.773	0.751	0.770	0.779	0.771	6.15
14) DICHLOROFLUOROMETHANE	3.399	3.253	3.061	3.285	2.824	2.751	2.896	2.774	2.916	2.897	3.006	7.69
15) ACETONITRILE			1.398	1.244	0.976	0.949	1.075	1.068	1.054	1.064	1.103	13.38
16) FREON 123	3.163	3.307	3.439	3.607	3.062	2.962	3.075	2.962	3.141	3.060	3.178	6.65
17) FREON 123A	1.618	1.762	1.895	1.995	1.732	1.700	1.770	1.749	1.812	1.784	1.782	5.82
18) TRICHLOROFLUOROMETHANE	3.084	3.189	3.245	3.365	2.954	2.811	2.936	2.835	2.970	2.965	3.035	5.96
19) ISOPROPYL ALCOHOL			3.435	3.523	2.447	2.396	2.622	2.547	2.594	2.630	2.774	15.98
20) ACETONE			0.893	0.912	0.639	0.621	0.680	0.663	0.675	0.674	0.720	15.94
21) PENTANE			1.734	1.663	1.429	1.358	1.444	1.355	1.446	1.421	1.481	9.45
22) TVHC as EQUIV PENTANE	5.904	8.899	8.501	8.034	7.829	8.460	8.255	8.423	8.432		8.082	10.77
23) IODOMETHANE												

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICC1416
Lab FileID: 3W36937.D

	3.351	3.329	3.489	3.590	3.310	3.198	3.315	3.271	3.405	3.343	3.360	3.31
24)	1,1-DICHLOROETHYLENE											
	1.468	1.492	1.353	1.411	1.276	1.232	1.298	1.278	1.313	1.315	1.344	6.44
25)	CARBON DISULFIDE											
	4.566	4.265	4.250	4.232	3.775	3.597	3.779	3.691	3.821	3.842	3.982	8.02
26)	ETHANOL											
		0.952	0.871	0.513	0.527	0.589	0.569	0.573	0.583	0.647		25.77
27)	BROMOETHENE											
	1.167	1.354	1.300	1.417	1.292	1.248	1.297	1.283	1.324	1.317	1.300	5.01
28)	ACRYLONITRILE											
		0.675	0.782	0.798	0.801	0.881	0.872	0.868	0.873	0.819		8.62
29)	METHYLENE CHLORIDE											
		2.388	2.044	1.138	1.133	1.159	1.142	1.166	1.178	1.419		35.31
30)	3-CHLOROPROPENE											
		0.647	0.591	0.629	0.574	0.569	0.604	0.599	0.607	0.613	0.604	4.08
31)	FREON 113											
	1.965	2.380	2.314	2.345	2.102	2.043	2.129	2.112	2.187	2.156	2.173	6.21
32)	TRANS-1,2-DICHLOROETHYLENE											
	1.140	1.304	1.238	1.342	1.224	1.222	1.282	1.305	1.319	1.320	1.270	4.89
33)	TERTIARY BUTYL ALCOHOL											
	2.900	3.124	3.231	3.474	2.949	2.863	3.072	2.979	3.130	3.068	3.079	5.82
34)	METHYL TERTIARY BUTYL ETHER											
	3.838	4.216	4.120	4.234	3.613	3.510	3.668	3.627	3.779	3.617	3.822	7.09
35)	TETRAHYDROFURAN											
		0.486	0.658	0.702	0.657	0.645	0.688	0.690	0.705	0.685	0.657	10.26
36)	HEXANE											
	2.732	2.468	2.581	2.768	2.078	2.072	2.133	2.111	2.212	2.148	2.330	11.96
37)	VINYL ACETATE											
		0.218	0.303	0.276	0.278	0.294	0.308	0.301	0.300	0.285		10.30
38)	1,1-DICHLOROETHANE											
	2.623	2.567	2.657	2.935	2.398	2.375	2.448	2.411	2.542	2.456	2.541	6.65
39)	METHYL ETHYL KETONE											
		0.543	0.585	0.729	0.627	0.636	0.688	0.700	0.699	0.687	0.655	9.36
40)	cis-1,2-DICHLOROETHYLENE											
	1.336	1.222	1.345	1.414	1.297	1.293	1.350	1.361	1.386	1.366	1.337	4.08
41)	DIISOPROPYL ETHER											
		5.925	6.038	5.153	4.966	5.181	4.976	5.348	5.066	5.332		7.89
42)	ETHYL ACETATE											
		0.514	0.502	0.494	0.501	0.526	0.539	0.545	0.518	0.517		3.52
43)	METHYL ACRYLATE											
		2.461	2.386	2.676	2.207	2.237	2.412	2.452	2.473	2.433	2.415	5.69
44)	CHLOROFORM											
	2.522	2.531	2.740	2.975	2.532	2.518	2.602	2.572	2.660	2.609	2.626	5.39
45)	2,4-DIMETHYLPENTANE											
	2.985	2.955	2.893	3.000	2.661	2.583	2.680	2.645	2.750	2.668	2.782	5.72
46)	1,1,1-TRICHLOROETHANE											
	2.478	2.709	2.619	2.941	2.550	2.499	2.553	2.527	2.637	2.569	2.608	5.19
47)	CARBON TETRACHLORIDE											
	2.466	2.535	2.817	2.894	2.508	2.462	2.511	2.508	2.602	2.534	2.584	5.79
48)	1,2-DICHLOROETHANE											
	1.186	1.432	1.522	1.680	1.438	1.458	1.537	1.545	1.570	1.542	1.491	8.69
49)	I 1,4-DIFLUOROBENZENE	----------ISTD----------										
50)	BENZENE											
	0.859	0.834	0.872	0.950	0.799	0.792	0.807	0.813	0.838	0.822	0.839	5.57
51)	CYCLOHEXANE											
	0.381	0.429	0.467	0.491	0.419	0.409	0.412	0.426	0.428	0.428	0.429	7.11
52)	2,3-DIMETHYLPENTANE											
		0.277	0.235	0.189	0.183	0.188	0.194	0.194	0.195	0.207		15.73
53)	TRICHLOROETHYLENE											

Initial Calibration Summary

Job Number: JB58146 **Sample:** V3W1416-ICC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W36937.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

	0.341	0.332	0.351	0.364	0.306	0.308	0.321	0.334	0.332	0.334	0.332	5.32
54)	1,2-DICHLOROPROPANE											
	0.368	0.434	0.377	0.318	0.314	0.322	0.330	0.334	0.330	0.347		11.23
55)	DIBROMOMETHANE											
	0.252	0.254	0.278	0.329	0.295	0.298	0.308	0.326	0.319	0.321	0.298	9.51
56)	ETHYL ACRYLATE											
	0.656	0.505	0.681	0.641	0.565	0.575	0.606	0.617	0.627	0.616	0.609	8.29
57)	BROMODICHLOROMETHANE											
	0.534	0.530	0.565	0.622	0.520	0.516	0.529	0.537	0.547	0.543	0.544	5.64
58)	2,2,4-TRIMETHYLPENTANE											
	1.602	1.621	1.545	1.571	1.331	1.314	1.319	1.307	1.382	1.347	1.434	9.27
59)	1,4-DIOXANE											
	0.212	0.307	0.172	0.168	0.178	0.188	0.182	0.188	0.199			22.75
60)	HEPTANE											
	0.595	0.598	0.586	0.505	0.500	0.508	0.501	0.527	0.515	0.537		7.93
61)	TVHC as EQUIV HEPTANE											
	2.908	3.431	3.525	3.557	3.255	3.236	3.345	3.393	3.463	3.414	3.353	5.59
62)	METHYL METHACRYLATE											
	0.284	0.270	0.280	0.317	0.284	0.282	0.294	0.307	0.306	0.304	0.293	5.16
63)	METHYL ISOBUTYL KETONE											
	0.208	0.262	0.233	0.233	0.246	0.255	0.254	0.255	0.243			7.32
64)	cis-1,3-DICHLOROPROPENE											
	0.420	0.449	0.429	0.486	0.426	0.431	0.452	0.465	0.463	0.462	0.448	4.74
65)	TOLUENE											
	0.458	0.498	0.570	0.624	0.531	0.526	0.544	0.551	0.560	0.554	0.542	8.11
66)	trans-1,3-DICHLOROPROPENE											
	0.328	0.344	0.325	0.359	0.338	0.354	0.379	0.395	0.384	0.393	0.360	7.37
67)	1,1,2-TRICHLOROETHANE											
	0.206	0.244	0.287	0.312	0.272	0.265	0.275	0.280	0.283	0.281	0.271	10.53
68)	I CHLOROBENZENE-D5	----------ISTD----------										
69)	2-HEXANONE											
	0.511	0.814	0.635	0.631	0.651	0.662	0.693	0.668	0.658			12.68
70)	ETHYL METHACRYLATE											
	0.833	0.899	1.078	0.969	0.951	0.965	0.964	1.018	0.972	0.961		7.12
71)	TETRACHLOROETHYLENE											
	0.698	0.804	0.785	0.853	0.705	0.690	0.682	0.668	0.719	0.677	0.728	8.68
72)	DIBROMOCHLOROMETHANE											
	0.985	1.063	1.185	1.264	1.052	1.023	1.013	1.014	1.080	1.020	1.070	8.22
73)	1,2-DIBROMOETHANE											
	0.688	0.827	0.910	1.036	0.853	0.851	0.867	0.846	0.900	0.858	0.863	9.93
74)	OCTANE											
	1.629	1.521	1.614	1.714	1.424	1.367	1.340	1.263	1.418	1.307	1.460	10.44
75)	1,1,1,2-TETRACHLOROETHANE											
	0.710	0.754	0.876	0.955	0.788	0.756	0.753	0.743	0.790	0.752	0.788	9.33
76)	CHLOROBENZENE											
	1.121	1.304	1.450	1.571	1.271	1.271	1.265	1.230	1.314	1.253	1.305	9.48
77)	ETHYLBENZENE											
	2.318	2.309	2.574	2.805	2.257	2.186	2.147	2.040	2.262	2.094	2.299	10.05
78)	m,p-XYLENE											
	0.708	0.850	0.940	0.987	0.830	0.813	0.810	0.781	0.843	0.797	0.836	9.44
79)	o-XYLENE											
	0.676	0.725	0.912	1.021	0.821	0.792	0.790	0.778	0.828	0.792	0.813	11.77
80)	STYRENE											
	0.962	1.031	1.108	1.276	1.165	1.171	1.193	1.141	1.220	1.172	1.144	7.97
81)	NONANE											
	1.632	1.499	1.521	1.622	1.394	1.342	1.329	1.245	1.407	1.298	1.429	9.40
82)	BROMOFORM											
	0.803	0.934	1.048	1.156	0.966	0.967	0.976	0.962	1.003	0.980	0.980	9.02
83)	4-BROMOFLUOROBENZENE											

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICC1416
Lab FileID: 3W36937.D

```
      1.048 1.024 1.054 1.098 1.166 1.176 1.163 1.088 1.164 1.128  1.111    5.07
 84)  1,1,2,2-TETRACHLOROETHANE
      1.223 1.301 1.510 1.619 1.288 1.251 1.243 1.211 1.293 1.232  1.317   10.34
 85)  1,2,3-TRICHLOROPROPANE
      0.993 1.014 1.152 1.257 0.934 0.914 0.931 0.896 0.961 0.922  0.997   11.77
 86)  ISOPROPYLBENZENE
      2.129 2.386 2.729 3.003 2.411 2.337 2.300 2.177 2.425 2.257  2.416   10.94
 87)  BROMOBENZENE
      1.263 1.181 1.197 1.326 1.053 1.039 1.054 1.020 1.091 1.047  1.127    9.52
 88)  2-CHLOROTOLUENE
      0.417 0.496 0.593 0.681 0.559 0.552 0.558 0.544 0.576 0.557  0.553   12.12
 89)  n-PROPYLBENZENE
            0.466 0.634 0.712 0.599 0.591 0.602 0.593 0.627 0.605  0.603   10.55
 90)  4-ETHYLTOLUENE
      1.641 1.540 1.970 2.294 1.973 1.975 1.998 1.913 2.046 1.965  1.932   10.82
 91)  1,3,5-TRIMETHYLBENZENE
      1.691 1.578 1.842 2.105 1.763 1.743 1.744 1.690 1.814 1.727  1.770    7.81
 92)  ALPHA-METHYLSTYRENE
      0.688 0.666 0.741 0.842 0.839 0.853 0.876 0.878 0.893 0.883  0.816   10.43
 93)  tert-BUTYLBENZENE
      0.305 0.361 0.474 0.493 0.409 0.404 0.412 0.420 0.423 0.421  0.412   12.73
 94)  1,2,4-TRIMETHYLBENZENE
      1.269 1.500 1.762 1.982 1.643 1.630 1.667 1.643 1.704 1.660  1.646   10.99
 95)  m-DICHLOROBENZENE
      0.811 0.856 0.956 1.073 0.988 1.001 1.056 1.076 1.071 1.076  0.996    9.68
 96)  BENZYL CHLORIDE
            1.186 1.045 1.275 1.255 1.308 1.415 1.539 1.409 1.513  1.327   11.97
 97)  p-DICHLOROBENZENE
      0.918 0.870 0.973 1.054 0.950 0.984 1.028 1.083 1.035 1.057  0.995    6.84
 98)  sec-BUTYLBENZENE
      0.306 0.415 0.518 0.597 0.487 0.481 0.501 0.520 0.502 0.507  0.483   15.81
 99)  p-ISOPROPYLTOLUENE
      0.355 0.394 0.502 0.624 0.511 0.518 0.548 0.573 0.545 0.569  0.514   15.96
100)  o-DICHLOROBENZENE
      0.687 0.860 0.997 1.143 0.958 0.959 1.009 1.060 1.013 1.045  0.973   12.83
101)  n-BUTYLBENZENE
            0.295 0.374 0.452 0.428 0.432 0.475 0.503 0.463 0.496  0.435   15.07
102)  HEXACHLOROETHANE
                  0.916 0.998 0.770 0.750 0.768 0.789 0.780 0.793  0.820   10.73
103)  HEXACHLOROBUTADIENE
      0.492 0.479 0.748 0.905 0.696 0.709 0.722 0.640 0.738 0.715  0.684   18.21
104)  1,2,4-TRICHLOROBENZENE
                  0.336 0.441 0.438 0.525 0.601 0.550 0.594 0.611  0.512   19.17

105) I   CHLOROBENZENE-D5 (a)  ----------------ISTD--------------------
106)  NAPHTHALENE
                  0.627 0.830 0.786 0.981 1.152 1.043 1.131 1.183  0.967   20.70
 ------------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          M3W1416.M         Thu Nov 07 13:00:04 2013   MS3W
```

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICV1416
Lab FileID: 3W36949.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	102	0.00	7.30
2		FREON 115		----------NA----------				
3		FREON 152A	0.883	0.835	5.4	107	0.00	4.28
4		CHLORODIFLUOROMETHANE	0.321	0.300	6.5	110	0.00	4.31
5		DICHLORODIFLUOROMETHANE	3.072	3.031	1.3	109	0.00	4.36
6		PROPYLENE	1.211	1.185	2.1	108	0.00	4.33
7		FREON 114	3.388	3.282	3.1	108	0.00	4.50
8		CHLOROMETHANE	1.546	1.517	1.9	107	0.00	4.46
9		VINYL CHLORIDE	1.462	1.426	2.5	105	0.00	4.58
10		1,3-BUTADIENE	1.123	1.085	3.4	109	0.00	4.65
11		n-BUTANE	2.256	2.220	1.6	109	0.00	4.67
12		BROMOMETHANE	1.331	1.289	3.2	107	0.00	4.81
13		CHLOROETHANE	0.771	0.765	0.8	108	0.00	4.89
14		DICHLOROFLUOROMETHANE	3.006	2.891	3.8	108	0.00	4.94
15		ACETONITRILE	1.103	1.032	6.4	111	0.00	5.11
16		FREON 123	3.178	3.079	3.1	106	0.00	5.15
17		FREON 123A	1.782	1.752	1.7	105	0.00	5.19
18		TRICHLOROFLUOROMETHANE	3.035	2.941	3.1	107	0.00	5.32
19		ISOPROPYL ALCOHOL	2.774	2.449	11.7	105	0.00	5.37
20		ACETONE	0.720	0.651	9.6	107	0.00	5.23
21		PENTANE	1.481	1.421	4.1	107	0.00	5.49
22	H	TVHC as EQUIV PENTANE	8.082	8.248	-2.1	108	0.00	5.50
23		IODOMETHANE	3.360	3.296	1.9	105	0.00	5.67
24		1,1-DICHLOROETHYLENE	1.344	1.271	5.4	106	0.00	5.71
25		CARBON DISULFIDE	3.982	3.721	6.6	106	0.00	5.98
26		ETHANOL	0.647	0.569	12.1	111	0.00	4.97
27		BROMOETHENE	1.300	1.292	0.6	106	0.00	5.09
28		ACRYLONITRILE	0.819	0.841	-2.7	107	0.00	5.51
29		METHYLENE CHLORIDE	1.419	1.186	16.4	107	0.00	5.79
30		3-CHLOROPROPENE	0.604	0.588	2.6	106	0.00	5.85
31		FREON 113	2.173	2.099	3.4	105	0.00	5.93
32		TRANS-1,2-DICHLOROETHYLEN	1.270	1.268	0.2	106	0.00	6.38
33		TERTIARY BUTYL ALCOHOL	3.079	2.874	6.7	103	0.00	5.71
34		METHYL TERTIARY BUTYL ETH	3.822	3.612	5.5	105	0.00	6.53
35		TETRAHYDROFURAN	0.657	0.660	-0.5	105	0.00	7.68
36		HEXANE	2.330	2.152	7.6	106	0.00	7.22
37		VINYL ACETATE	0.285	0.282	1.1	104	0.00	6.63
38		1,1-DICHLOROETHANE	2.541	2.449	3.6	106	0.00	6.53
39		METHYL ETHYL KETONE	0.655	0.646	1.4	104	0.00	6.80
40		cis-1,2-DICHLOROETHYLENE	1.337	1.318	1.4	104	0.00	7.17
41		DIISOPROPYL ETHER	5.332	5.160	3.2	106	0.00	7.23
42		ETHYL ACETATE	0.517	0.490	5.2	100	0.00	7.30

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICV1416
Lab FileID: 3W36949.D

43		METHYL ACRYLATE	2.415	2.340	3.1	107	0.00	7.31
44		CHLOROFORM	2.626	2.588	1.4	105	0.00	7.37
45		2,4-DIMETHYLPENTANE	2.782	2.690	3.3	107	0.00	7.92
46		1,1,1-TRICHLOROETHANE	2.608	2.579	1.1	106	0.00	8.17
47		CARBON TETRACHLORIDE	2.584	2.536	1.9	105	0.00	8.69
48		1,2-DICHLOROETHANE	1.491	1.494	-0.2	105	0.00	7.96
49	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	99	0.00	8.88
50		BENZENE	0.839	0.830	1.1	104	0.00	8.57
51		CYCLOHEXANE	0.429	0.430	-0.2	105	0.00	8.74
52		2,3-DIMETHYLPENTANE	0.207	0.194	6.3	105	0.00	8.92
53		TRICHLOROETHYLENE	0.332	0.319	3.9	103	0.00	9.49
54		1,2-DICHLOROPROPANE	0.347	0.331	4.6	105	0.00	9.25
55		DIBROMOMETHANE	0.298	0.306	-2.7	102	0.00	9.28
56		ETHYL ACRYLATE	0.609	0.596	2.1	103	0.00	9.28
57		BROMODICHLOROMETHANE	0.544	0.539	0.9	104	0.00	9.47
58		2,2,4-TRIMETHYLPENTANE	1.434	1.386	3.3	105	0.00	9.42
59		1,4-DIOXANE	0.199	0.164	17.6	97	0.00	9.53
60		HEPTANE	0.537	0.532	0.9	106	0.00	9.67
61	H	TVHC as EQUIV HEPTANE	3.353	3.418	-1.9	105	0.00	9.68
62		METHYL METHACRYLATE	0.293	0.296	-1.0	104	0.00	9.69
63		METHYL ISOBUTYL KETONE	0.243	0.235	3.3	100	0.00	10.29
64		cis-1,3-DICHLOROPROPENE	0.448	0.442	1.3	102	0.00	10.31
65		TOLUENE	0.542	0.545	-0.6	103	0.00	11.23
66		trans-1,3-DICHLOROPROPENE	0.360	0.361	-0.3	101	0.00	10.81
67		1,1,2-TRICHLOROETHANE	0.271	0.276	-1.8	103	0.00	10.97
68	I	CHLOROBENZENE-D5	1.000	1.000	0.0	99	0.00	13.03
69		2-HEXANONE	0.658	0.647	1.7	101	0.00	11.48
70		ETHYL METHACRYLATE	0.961	0.985	-2.5	102	0.00	11.52
71		TETRACHLOROETHYLENE	0.728	0.706	3.0	101	0.00	12.35
72		DIBROMOCHLOROMETHANE	1.070	1.067	0.3	103	0.00	11.66
73		1,2-DIBROMOETHANE	0.863	0.859	0.5	100	0.00	11.86
74		OCTANE	1.460	1.451	0.6	105	0.00	12.15
75		1,1,1,2-TETRACHLOROETHANE	0.788	0.800	-1.5	104	0.00	13.05
76		CHLOROBENZENE	1.305	1.274	2.4	99	0.00	13.07
77		ETHYLBENZENE	2.299	2.253	2.0	102	0.00	13.45
78		m,p-XYLENE	0.836	0.819	2.0	99	0.00	13.63
79		o-XYLENE	0.813	0.818	-0.6	102	0.00	14.14
80		STYRENE	1.144	1.173	-2.5	99	0.00	14.04
81		NONANE	1.429	1.429	0.0	105	0.00	14.34
82		BROMOFORM	0.980	0.976	0.4	100	0.00	13.73
83	S	4-BROMOFLUOROBENZENE	1.111	1.150	-3.5	97	0.00	14.66
84		1,1,2,2-TETRACHLOROETHANE	1.317	1.307	0.8	103	0.00	14.16
85		1,2,3-TRICHLOROPROPANE	0.997	0.963	3.4	104	0.00	14.29
86		ISOPROPYLBENZENE	2.416	2.423	-0.3	102	0.00	14.79
87		BROMOBENZENE	1.127	1.071	5.0	102	0.00	14.90
88		2-CHLOROTOLUENE	0.553	0.562	-1.6	101	0.00	15.34
89		n-PROPYLBENZENE	0.603	0.610	-1.2	102	0.00	15.38
90		4-ETHYLTOLUENE	1.932	1.978	-2.4	99	0.00	15.55
91		1,3,5-TRIMETHYLBENZENE	1.770	1.810	-2.3	102	0.00	15.65
92		ALPHA-METHYLSTYRENE	0.816	0.848	-3.9	98	0.00	15.87
93		tert-BUTYLBENZENE	0.412	0.417	-1.2	102	0.00	16.13
94		1,2,4-TRIMETHYLBENZENE	1.646	1.676	-1.8	101	0.00	16.15
95		m-DICHLOROBENZENE	0.996	1.016	-2.0	100	0.00	16.34
96		BENZYL CHLORIDE	1.327	1.334	-0.5	101	0.00	16.34
97		p-DICHLOROBENZENE	0.995	0.993	0.2	100	0.00	16.43
98		sec-BUTYLBENZENE	0.483	0.488	-1.0	100	0.00	16.48
99		p-ISOPROPYLTOLUENE	0.514	0.524	-1.9	100	0.00	16.68
100		o-DICHLOROBENZENE	0.973	0.983	-1.0	101	0.00	16.86

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1416-ICV1416
Lab FileID: 3W36949.D

101		n-BUTYLBENZENE	0.435	0.445	-2.3	102	0.00	17.20
102		HEXACHLOROETHANE	0.820	0.800	2.4	105	0.00	17.68
103		HEXACHLOROBUTADIENE	0.684	0.753	-10.1	105	0.00	19.51
104		1,2,4-TRICHLOROBENZENE	0.512	0.528	-3.1	99	0.00	18.94
105	I	CHLOROBENZENE-D5 (a)	1.000	1.000	0.0	98	0.00	13.03
106		NAPHTHALENE	0.967	0.970	-0.3	97	0.00	19.08

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3W36937.D M3W1416.M Thu Nov 07 13:00:02 2013 MS3W

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1456-CC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38126.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	94	0.00	7.29
2		FREON 115		----------NA----------				
3		FREON 152A	0.883	0.919	-4.1	109	0.01	4.29
4		CHLORODIFLUOROMETHANE	0.321	0.362	-12.8	122	0.00	4.31
5		DICHLORODIFLUOROMETHANE	3.072	3.350	-9.0	111	0.01	4.38
6		PROPYLENE	1.211	1.324	-9.3	111	0.00	4.33
7		FREON 114	3.388	3.505	-3.5	106	0.01	4.51
8		CHLOROMETHANE	1.546	1.713	-10.8	112	0.01	4.47
9		VINYL CHLORIDE	1.462	1.601	-9.5	108	0.00	4.59
10		1,3-BUTADIENE	1.123	1.139	-1.4	105	0.00	4.65
11		n-BUTANE	2.256	2.736	-21.3	123	0.01	4.68
12		BROMOMETHANE	1.331	1.327	0.3	102	0.00	4.82
13		CHLOROETHANE	0.771	0.825	-7.0	107	0.01	4.90
14		DICHLOROFLUOROMETHANE	3.006	3.185	-6.0	109	0.01	4.95
15		ACETONITRILE	1.103	1.111	-0.7	110	0.00	5.12
16		FREON 123	3.178	3.185	-0.2	101	0.01	5.17
17		FREON 123A	1.782	1.741	2.3	96	0.00	5.20
18		TRICHLOROFLUOROMETHANE	3.035	3.225	-6.3	108	0.00	5.33
19		ISOPROPYL ALCOHOL	2.774	2.700	2.7	106	0.00	5.37
20		ACETONE	0.720	0.829	-15.1	126	0.00	5.23
21		PENTANE	1.481	1.584	-7.0	110	0.00	5.50
22	H	TVHC as EQUIV PENTANE	8.082	9.107	-12.7	110	0.00	5.51
23		IODOMETHANE	3.360	3.255	3.1	96	0.00	5.67
24		1,1-DICHLOROETHYLENE	1.344	1.283	4.5	98	0.00	5.71
25		CARBON DISULFIDE	3.982	3.824	4.0	100	0.00	5.99
26		ETHANOL	0.647	0.607	6.2	108	0.01	4.98
27		BROMOETHENE	1.300	1.321	-1.6	100	0.01	5.11
28		ACRYLONITRILE	0.819	0.870	-6.2	102	0.00	5.52
29		METHYLENE CHLORIDE	1.419	1.203	15.2	100	0.00	5.80
30		3-CHLOROPROPENE	0.604	0.623	-3.1	103	0.00	5.85
31		FREON 113	2.173	2.127	2.1	98	0.00	5.93
32		TRANS-1,2-DICHLOROETHYLEN	1.270	1.258	0.9	97	0.00	6.38
33		TERTIARY BUTYL ALCOHOL	3.079	3.065	0.5	101	0.01	5.73
34		METHYL TERTIARY BUTYL ETH	3.822	3.656	4.3	98	0.00	6.53
35		TETRAHYDROFURAN	0.657	0.645	1.8	94	0.00	7.68
36		HEXANE	2.330	2.298	1.4	104	0.00	7.22
37		VINYL ACETATE	0.285	0.276	3.2	94	0.00	6.63
38		1,1-DICHLOROETHANE	2.541	2.529	0.5	100	0.00	6.53
39		METHYL ETHYL KETONE	0.655	0.631	3.7	93	0.00	6.80
40		cis-1,2-DICHLOROETHYLENE	1.337	1.302	2.6	95	0.00	7.18
41		DIISOPROPYL ETHER	5.332	5.133	3.7	97	0.00	7.23
42		ETHYL ACETATE	0.517	0.492	4.8	92	0.00	7.30

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1456-CC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38126.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

43		METHYL ACRYLATE	2.415	2.212	8.4	93	0.00	7.31
44		CHLOROFORM	2.626	2.602	0.9	97	0.00	7.37
45		2,4-DIMETHYLPENTANE	2.782	2.738	1.6	100	0.00	7.92
46		1,1,1-TRICHLOROETHANE	2.608	2.623	-0.6	99	0.00	8.17
47		CARBON TETRACHLORIDE	2.584	2.673	-3.4	102	0.00	8.69
48		1,2-DICHLOROETHANE	1.491	1.571	-5.4	101	0.00	7.96
49	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	93	0.00	8.88
50		BENZENE	0.839	0.799	4.8	94	0.00	8.57
51		CYCLOHEXANE	0.429	0.429	0.0	98	0.00	8.74
52		2,3-DIMETHYLPENTANE	0.207	0.191	7.7	98	0.00	8.91
53		TRICHLOROETHYLENE	0.332	0.316	4.8	96	0.00	9.49
54		1,2-DICHLOROPROPANE	0.347	0.324	6.6	97	0.00	9.25
55		DIBROMOMETHANE	0.298	0.291	2.3	91	0.00	9.27
56		ETHYL ACRYLATE	0.609	0.546	10.3	89	0.00	9.28
57		BROMODICHLOROMETHANE	0.544	0.532	2.2	96	0.00	9.46
58		2,2,4-TRIMETHYLPENTANE	1.434	1.373	4.3	98	0.00	9.42
59		1,4-DIOXANE	0.199	0.145	27.1	80	0.00	9.53
60		HEPTANE	0.537	0.531	1.1	99	0.00	9.67
61	H	TVHC as EQUIV HEPTANE	3.353	3.385	-1.0	98	0.00	9.68
62		METHYL METHACRYLATE	0.293	0.270	7.8	90	0.00	9.69
63		METHYL ISOBUTYL KETONE	0.243	0.214	11.9	86	0.00	10.29
64		cis-1,3-DICHLOROPROPENE	0.448	0.441	1.6	96	0.00	10.31
65		TOLUENE	0.542	0.564	-4.1	100	0.00	11.22
66		trans-1,3-DICHLOROPROPENE	0.360	0.366	-1.7	97	0.00	10.81
67		1,1,2-TRICHLOROETHANE	0.271	0.269	0.7	95	0.00	10.96
68	I	CHLOROBENZENE-D5	1.000	1.000	0.0	94	-0.01	13.02
69		2-HEXANONE	0.658	0.564	14.3	84	0.00	11.48
70		ETHYL METHACRYLATE	0.961	0.860	10.5	85	0.00	11.52
71		TETRACHLOROETHYLENE	0.728	0.682	6.3	93	0.00	12.34
72		DIBROMOCHLOROMETHANE	1.070	1.061	0.8	97	0.00	11.66
73		1,2-DIBROMOETHANE	0.863	0.843	2.3	93	-0.01	11.86
74		OCTANE	1.460	1.415	3.1	97	0.00	12.15
75		1,1,1,2-TETRACHLOROETHANE	0.788	0.785	0.4	97	0.00	13.04
76		CHLOROBENZENE	1.305	1.292	1.0	95	0.00	13.07
77		ETHYLBENZENE	2.299	2.176	5.4	93	0.00	13.44
78		m,p-XYLENE	0.836	0.828	1.0	96	0.00	13.63
79		o-XYLENE	0.813	0.813	0.0	96	0.00	14.13
80		STYRENE	1.144	1.161	-1.5	93	0.00	14.04
81		NONANE	1.429	1.391	2.7	97	0.00	14.33
82		BROMOFORM	0.980	0.981	-0.1	95	0.00	13.73
83	S	4-BROMOFLUOROBENZENE	1.111	1.191	-7.2	95	0.00	14.66
84		1,1,2,2-TETRACHLOROETHANE	1.317	1.254	4.8	94	-0.01	14.15
85		1,2,3-TRICHLOROPROPANE	0.997	0.961	3.6	99	0.00	14.28
86		ISOPROPYLBENZENE	2.416	2.383	1.4	96	0.00	14.78
87		BROMOBENZENE	1.127	1.051	6.7	95	0.00	14.89
88		2-CHLOROTOLUENE	0.553	0.581	-5.1	99	0.00	15.34
89		n-PROPYLBENZENE	0.603	0.621	-3.0	99	0.00	15.37
90		4-ETHYLTOLUENE	1.932	2.039	-5.5	97	0.00	15.54
91		1,3,5-TRIMETHYLBENZENE	1.770	1.771	-0.1	95	0.00	15.64
92		ALPHA-METHYLSTYRENE	0.816	0.844	-3.4	93	0.00	15.86
93		tert-BUTYLBENZENE	0.412	0.423	-2.7	98	0.00	16.13
94		1,2,4-TRIMETHYLBENZENE	1.646	1.697	-3.1	98	0.00	16.14
95		m-DICHLOROBENZENE	0.996	1.043	-4.7	98	0.00	16.34
96		BENZYL CHLORIDE	1.327	1.345	-1.4	96	-0.01	16.34
97		p-DICHLOROBENZENE	0.995	1.010	-1.5	96	0.00	16.43
98		sec-BUTYLBENZENE	0.483	0.503	-4.1	98	0.00	16.47
99		p-ISOPROPYLTOLUENE	0.514	0.545	-6.0	99	0.00	16.67
100		o-DICHLOROBENZENE	0.973	1.005	-3.3	98	0.00	16.85

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1456-CC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38126.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

101		n-BUTYLBENZENE	0.435	0.461	-6.0	100	0.00	17.19
102		HEXACHLOROETHANE	0.820	0.807	1.6	101	0.00	17.67
103		HEXACHLOROBUTADIENE	0.684	0.742	-8.5	98	0.00	19.50
104		1,2,4-TRICHLOROBENZENE	0.512	0.524	-2.3	94	0.00	18.93
105	I	CHLOROBENZENE-D5 (a)	1.000	1.000	0.0	94	-0.01	13.02
106		NAPHTHALENE	0.967	0.885	8.5	85	0.00	19.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0
3W36937.D M3W1416.M Tue Jan 07 14:16:27 2014 MS3W

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1457-CC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38126.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	94	0.00	7.29
2		FREON 115		----------NA----------				
3		FREON 152A	0.883	0.919	-4.1	109	0.01	4.29
4		CHLORODIFLUOROMETHANE	0.321	0.362	-12.8	122	0.00	4.31
5		DICHLORODIFLUOROMETHANE	3.072	3.350	-9.0	111	0.01	4.38
6		PROPYLENE	1.211	1.324	-9.3	111	0.00	4.33
7		FREON 114	3.388	3.505	-3.5	106	0.01	4.51
8		CHLOROMETHANE	1.546	1.713	-10.8	112	0.01	4.47
9		VINYL CHLORIDE	1.462	1.601	-9.5	108	0.00	4.59
10		1,3-BUTADIENE	1.123	1.139	-1.4	105	0.00	4.65
11		n-BUTANE	2.256	2.736	-21.3	123	0.01	4.68
12		BROMOMETHANE	1.331	1.327	0.3	102	0.00	4.82
13		CHLOROETHANE	0.771	0.825	-7.0	107	0.01	4.90
14		DICHLOROFLUOROMETHANE	3.006	3.185	-6.0	109	0.01	4.95
15		ACETONITRILE	1.103	1.111	-0.7	110	0.00	5.12
16		FREON 123	3.178	3.185	-0.2	101	0.01	5.17
17		FREON 123A	1.782	1.741	2.3	96	0.00	5.20
18		TRICHLOROFLUOROMETHANE	3.035	3.225	-6.3	108	0.00	5.33
19		ISOPROPYL ALCOHOL	2.774	2.700	2.7	106	0.00	5.37
20		ACETONE	0.720	0.829	-15.1	126	0.00	5.23
21		PENTANE	1.481	1.584	-7.0	110	0.00	5.50
22	H	TVHC as EQUIV PENTANE	8.082	9.107	-12.7	110	0.00	5.51
23		IODOMETHANE	3.360	3.255	3.1	96	0.00	5.67
24		1,1-DICHLOROETHYLENE	1.344	1.283	4.5	98	0.00	5.71
25		CARBON DISULFIDE	3.982	3.824	4.0	100	0.00	5.99
26		ETHANOL	0.647	0.607	6.2	108	0.01	4.98
27		BROMOETHENE	1.300	1.321	-1.6	100	0.01	5.11
28		ACRYLONITRILE	0.819	0.870	-6.2	102	0.00	5.52
29		METHYLENE CHLORIDE	1.419	1.203	15.2	100	0.00	5.80
30		3-CHLOROPROPENE	0.604	0.623	-3.1	103	0.00	5.85
31		FREON 113	2.173	2.127	2.1	98	0.00	5.93
32		TRANS-1,2-DICHLOROETHYLEN	1.270	1.258	0.9	97	0.00	6.38
33		TERTIARY BUTYL ALCOHOL	3.079	3.065	0.5	101	0.01	5.73
34		METHYL TERTIARY BUTYL ETH	3.822	3.656	4.3	98	0.00	6.53
35		TETRAHYDROFURAN	0.657	0.645	1.8	94	0.00	7.68
36		HEXANE	2.330	2.298	1.4	104	0.00	7.22
37		VINYL ACETATE	0.285	0.276	3.2	94	0.00	6.63
38		1,1-DICHLOROETHANE	2.541	2.529	0.5	100	0.00	6.53
39		METHYL ETHYL KETONE	0.655	0.631	3.7	93	0.00	6.80
40		cis-1,2-DICHLOROETHYLENE	1.337	1.302	2.6	95	0.00	7.18
41		DIISOPROPYL ETHER	5.332	5.133	3.7	97	0.00	7.23
42		ETHYL ACETATE	0.517	0.492	4.8	92	0.00	7.30

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1457-CC1416
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38126.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

43		METHYL ACRYLATE	2.415	2.212	8.4	93	0.00	7.31
44		CHLOROFORM	2.626	2.602	0.9	97	0.00	7.37
45		2,4-DIMETHYLPENTANE	2.782	2.738	1.6	100	0.00	7.92
46		1,1,1-TRICHLOROETHANE	2.608	2.623	-0.6	99	0.00	8.17
47		CARBON TETRACHLORIDE	2.584	2.673	-3.4	102	0.00	8.69
48		1,2-DICHLOROETHANE	1.491	1.571	-5.4	101	0.00	7.96
49	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	93	0.00	8.88
50		BENZENE	0.839	0.799	4.8	94	0.00	8.57
51		CYCLOHEXANE	0.429	0.429	0.0	98	0.00	8.74
52		2,3-DIMETHYLPENTANE	0.207	0.191	7.7	98	0.00	8.91
53		TRICHLOROETHYLENE	0.332	0.316	4.8	96	0.00	9.49
54		1,2-DICHLOROPROPANE	0.347	0.324	6.6	97	0.00	9.25
55		DIBROMOMETHANE	0.298	0.291	2.3	91	0.00	9.27
56		ETHYL ACRYLATE	0.609	0.546	10.3	89	0.00	9.28
57		BROMODICHLOROMETHANE	0.544	0.532	2.2	96	0.00	9.46
58		2,2,4-TRIMETHYLPENTANE	1.434	1.373	4.3	98	0.00	9.42
59		1,4-DIOXANE	0.199	0.145	27.1	80	0.00	9.53
60		HEPTANE	0.537	0.531	1.1	99	0.00	9.67
61	H	TVHC as EQUIV HEPTANE	3.353	3.385	-1.0	98	0.00	9.68
62		METHYL METHACRYLATE	0.293	0.270	7.8	90	0.00	9.69
63		METHYL ISOBUTYL KETONE	0.243	0.214	11.9	86	0.00	10.29
64		cis-1,3-DICHLOROPROPENE	0.448	0.441	1.6	96	0.00	10.31
65		TOLUENE	0.542	0.564	-4.1	100	0.00	11.22
66		trans-1,3-DICHLOROPROPENE	0.360	0.366	-1.7	97	0.00	10.81
67		1,1,2-TRICHLOROETHANE	0.271	0.269	0.7	95	0.00	10.96
68	I	CHLOROBENZENE-D5	1.000	1.000	0.0	94	-0.01	13.02
69		2-HEXANONE	0.658	0.564	14.3	84	0.00	11.48
70		ETHYL METHACRYLATE	0.961	0.860	10.5	85	0.00	11.52
71		TETRACHLOROETHYLENE	0.728	0.682	6.3	93	0.00	12.34
72		DIBROMOCHLOROMETHANE	1.070	1.061	0.8	97	0.00	11.66
73		1,2-DIBROMOETHANE	0.863	0.843	2.3	93	-0.01	11.86
74		OCTANE	1.460	1.415	3.1	97	0.00	12.15
75		1,1,1,2-TETRACHLOROETHANE	0.788	0.785	0.4	97	0.00	13.04
76		CHLOROBENZENE	1.305	1.292	1.0	95	0.00	13.07
77		ETHYLBENZENE	2.299	2.176	5.4	93	0.00	13.44
78		m,p-XYLENE	0.836	0.828	1.0	96	0.00	13.63
79		o-XYLENE	0.813	0.813	0.0	96	0.00	14.13
80		STYRENE	1.144	1.161	-1.5	93	0.00	14.04
81		NONANE	1.429	1.391	2.7	97	0.00	14.33
82		BROMOFORM	0.980	0.981	-0.1	95	0.00	13.73
83	S	4-BROMOFLUOROBENZENE	1.111	1.191	-7.2	95	0.00	14.66
84		1,1,2,2-TETRACHLOROETHANE	1.317	1.254	4.8	94	-0.01	14.15
85		1,2,3-TRICHLOROPROPANE	0.997	0.961	3.6	99	0.00	14.28
86		ISOPROPYLBENZENE	2.416	2.383	1.4	96	0.00	14.78
87		BROMOBENZENE	1.127	1.051	6.7	95	0.00	14.89
88		2-CHLOROTOLUENE	0.553	0.581	-5.1	99	0.00	15.34
89		n-PROPYLBENZENE	0.603	0.621	-3.0	99	0.00	15.37
90		4-ETHYLTOLUENE	1.932	2.039	-5.5	97	0.00	15.54
91		1,3,5-TRIMETHYLBENZENE	1.770	1.771	-0.1	95	0.00	15.64
92		ALPHA-METHYLSTYRENE	0.816	0.844	-3.4	93	0.00	15.86
93		tert-BUTYLBENZENE	0.412	0.423	-2.7	98	0.00	16.13
94		1,2,4-TRIMETHYLBENZENE	1.646	1.697	-3.1	98	0.00	16.14
95		m-DICHLOROBENZENE	0.996	1.043	-4.7	98	0.00	16.34
96		BENZYL CHLORIDE	1.327	1.345	-1.4	96	-0.01	16.34
97		p-DICHLOROBENZENE	0.995	1.010	-1.5	96	0.00	16.43
98		sec-BUTYLBENZENE	0.483	0.503	-4.1	98	0.00	16.47
99		p-ISOPROPYLTOLUENE	0.514	0.545	-6.0	99	0.00	16.67
100		o-DICHLOROBENZENE	0.973	1.005	-3.3	98	0.00	16.85

Continuing Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1457-CC1416
Lab FileID: 3W38126.D

101		n-BUTYLBENZENE	0.435	0.461	-6.0	100	0.00	17.19
102		HEXACHLOROETHANE	0.820	0.807	1.6	101	0.00	17.67
103		HEXACHLOROBUTADIENE	0.684	0.742	-8.5	98	0.00	19.50
104		1,2,4-TRICHLOROBENZENE	0.512	0.524	-2.3	94	0.00	18.93
105	I	CHLOROBENZENE-D5 (a)	1.000	1.000	0.0	94	-0.01	13.02
106		NAPHTHALENE	0.967	0.885	8.5	85	0.00	19.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3W36937.D M3W1416.M Tue Jan 07 14:16:27 2014 MS3W

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-ICC1462
Lab FileID: 3W38291.D

Response Factor Report MS3W

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

Calibration Files
0.04=3W38295.D 0.1 =3W38294.D 0.2 =3W38288.D 0.5 =3W38287.D
5 =3W38292.D 10 =3W38291.D 20 =3W38289.D 40 =3W38299.D
15 =3W38290.D 30 =3W38296.D = =

Compound	0.04	0.1	0.2	0.5	5	10	20	40	15	30	Avg	%RSD
1) I BROMOCHLOROMETHANE	----------ISTD----------											
2) FREON 115											0.000	-1.00
3) FREON 152A	1.131	1.064	1.026	0.893	0.857	0.862	0.920	0.864	0.867		0.943	10.97
4) CHLORODIFLUOROMETHANE	0.327	0.371	0.314	0.305	0.300	0.320	0.302	0.328			0.321	7.11
5) DICHLORODIFLUOROMETHANE	3.845	3.700	3.533	3.386	3.238	3.128	3.062	2.985	3.081	3.210	3.317	8.77
6) PROPYLENE	1.549	1.486	1.464	1.384	1.295	1.294	1.335	1.411			1.402	6.61
7) FREON 114	3.892	4.242	3.914	3.750	3.501	3.387	3.357	3.123	3.324	3.434	3.593	9.57
8) CHLOROMETHANE	2.015	1.840	1.743	1.677	1.698	1.689	1.685	1.843			1.774	6.69
9) VINYL CHLORIDE	1.870	1.927	1.802	1.690	1.658	1.614	1.630	1.636	1.608	1.737	1.717	6.61
10) 1,3-BUTADIENE	1.534	1.514	1.355	1.247	1.196	1.164	1.162	1.173	1.158	1.231	1.273	11.39
11) n-BUTANE	2.888	2.652	2.536	2.424	2.371	2.334	2.412	2.519			2.517	7.21
12) BROMOMETHANE	1.660	1.596	1.510	1.463	1.360	1.318	1.318	1.278	1.296	1.347	1.415	9.53
13) CHLOROETHANE	1.084	1.030	0.970	0.897	0.840	0.813	0.820	0.827	0.804	0.888	0.897	11.03
14) DICHLOROFLUOROMETHANE	3.745	3.777	3.510	3.215	3.112	2.917	2.968	2.874	2.883	3.172	3.217	10.73
15) ACETONITRILE	1.130	1.134	1.083	1.016	0.965	1.006	1.001	0.960	1.148		1.049	7.14
16) FREON 123	3.541	3.531	3.368	3.375	3.223	2.975	2.931	2.691	2.888	3.021	3.154	9.31
17) FREON 123A	1.826	1.979	1.845	1.835	1.746	1.676	1.709	1.630	1.658	1.764	1.767	6.03
18) TRICHLOROFLUOROMETHANE	3.314	3.395	3.318	3.196	3.076	2.914	2.939	2.749	2.826	3.097	3.082	7.23
19) ISOPROPYL ALCOHOL	3.893	3.764	2.682	2.596	2.600	2.590	2.534	2.957			2.952	18.88
20) ACETONE	1.110	0.961	0.697	0.656	0.675	0.669	0.646	0.748			0.770	22.24
21) PENTANE	2.048	2.055	1.724	1.650	1.650	1.528	1.470	1.337	1.405	1.599	1.647	14.82
22) TVHC as EQUIV PENTANE	7.185	8.250	9.451	9.206	8.911	8.497	8.471	7.995	8.054	9.258	8.528	8.19
23) IODOMETHANE												

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-ICC1462
Lab FileID: 3W38291.D

	3.181	3.227	3.198	3.271	3.249	3.152	3.097	2.908	3.063	3.113	3.146	3.41
24)	1,1-DICHLOROETHYLENE											
	1.590	1.499	1.360	1.374	1.320	1.269	1.247	1.190	1.228	1.291	1.337	9.34
25)	CARBON DISULFIDE											
	4.239	4.424	4.225	3.877	3.810	3.733	3.643	3.446	3.608	3.797	3.880	8.13
26)	ETHANOL											
			1.139	0.607	0.595	0.611	0.637	0.606	0.697	0.699		28.23
27)	BROMOETHENE											
	1.384	1.465	1.312	1.371	1.325	1.285	1.283	1.245	1.273	1.312	1.326	4.91
28)	ACRYLONITRILE											
	0.770	0.818	0.810	0.921	0.840	0.808	0.826	0.814	0.772	0.914	0.829	6.18
29)	METHYLENE CHLORIDE											
			1.991	1.541	1.173	1.172	1.162	1.096	1.103	1.188	1.303	23.92
30)	3-CHLOROPROPENE											
		0.656	0.590	0.603	0.619	0.608	0.614	0.611	0.594	0.658	0.617	3.99
31)	FREON 113											
	1.908	2.251	2.095	2.177	2.116	2.055	2.046	1.934	2.040	2.085	2.071	4.93
32)	TRANS-1,2-DICHLOROETHYLENE											
	1.202	1.206	1.176	1.244	1.254	1.248	1.253	1.273	1.237	1.291	1.238	2.80
33)	TERTIARY BUTYL ALCOHOL											
	3.074	3.140	3.444	3.449	3.200	3.139	3.035	2.849	3.023	3.263	3.162	5.92
34)	METHYL TERTIARY BUTYL ETHER											
	4.065	4.129	3.802	3.833	3.724	3.687	3.588	3.530	3.664	3.742	3.777	5.09
35)	TETRAHYDROFURAN											
		0.640	0.627	0.673	0.669	0.679	0.676	0.713	0.684	0.715	0.675	4.28
36)	HEXANE											
	2.536	2.715	2.400	2.397	2.338	2.234	2.099	1.906	2.171	2.158	2.295	10.11
37)	VINYL ACETATE											
			0.254	0.281	0.283	0.280	0.293	0.317	0.295	0.314	0.290	7.00
38)	1,1-DICHLOROETHANE											
	2.828	2.987	2.749	2.742	2.604	2.479	2.403	2.312	2.431	2.520	2.606	8.25
39)	METHYL ETHYL KETONE											
		0.626	0.704	0.824	0.663	0.676	0.683	0.716	0.690	0.718	0.700	7.79
40)	cis-1,2-DICHLOROETHYLENE											
	1.221	1.328	1.232	1.256	1.281	1.268	1.270	1.289	1.262	1.314	1.272	2.59
41)	DIISOPROPYL ETHER											
	6.458	6.156	5.894	5.766	5.512	5.290	4.859	4.342	5.107	4.973	5.436	11.90
42)	ETHYL ACETATE											
		0.455	0.494	0.608	0.526	0.526	0.506	0.517	0.515	0.539	0.521	7.85
43)	METHYL ACRYLATE											
		2.354	2.456	2.636	2.239	2.257	2.258	2.296	2.278	2.453	2.359	5.62
44)	CHLOROFORM											
	2.613	2.675	2.537	2.541	2.506	2.440	2.439	2.463	2.437	2.580	2.523	3.25
45)	2,4-DIMETHYLPENTANE											
	3.060	3.195	3.127	2.906	2.951	2.866	2.747	2.666	2.798	2.886	2.920	5.74
46)	1,1,1-TRICHLOROETHANE											
	2.442	2.650	2.522	2.508	2.484	2.426	2.420	2.435	2.406	2.574	2.487	3.15
47)	CARBON TETRACHLORIDE											
	2.285	2.470	2.404	2.444	2.446	2.404	2.410	2.381	2.379	2.554	2.418	2.89
48)	1,2-DICHLOROETHANE											
	1.379	1.499	1.395	1.441	1.460	1.434	1.482	1.531	1.458	1.615	1.469	4.66
49)	I 1,4-DIFLUOROBENZENE	----------	ISTD	----------								
50)	BENZENE											
	0.813	0.823	0.778	0.778	0.781	0.762	0.746	0.760	0.760	0.784	0.779	3.11
51)	CYCLOHEXANE											
	0.441	0.445	0.436	0.437	0.430	0.421	0.412	0.421	0.417	0.440	0.430	2.71
52)	2,3-DIMETHYLPENTANE											
			0.268	0.211	0.199	0.196	0.189	0.192	0.192	0.203	0.206	12.67
53)	TRICHLOROETHYLENE											

Initial Calibration Summary

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Sample: V3W1462-ICC1462
Lab FileID: 3W38291.D

	0.348	0.340	0.301	0.280	0.286	0.281	0.282	0.277	0.284	0.297	0.298	8.60
54)	1,2-DICHLOROPROPANE											
	0.347	0.324	0.302	0.316	0.305	0.292	0.281	0.302	0.307	0.309		6.17
55)	DIBROMOMETHANE											
	0.200	0.211	0.217	0.237	0.245	0.246	0.251	0.255	0.250	0.261	0.237	8.75
56)	ETHYL ACRYLATE											
	0.530	0.569	0.626	0.545	0.543	0.556	0.519	0.496	0.546	0.548	0.548	6.24
57)	BROMODICHLOROMETHANE											
	0.415	0.470	0.439	0.450	0.470	0.463	0.460	0.450	0.462	0.489	0.457	4.40
58)	2,2,4-TRIMETHYLPENTANE											
	1.638	1.568	1.433	1.420	1.434	1.371	1.268	1.152	1.321	1.309	1.391	10.19
59)	1,4-DIOXANE											
			0.235	0.148	0.164	0.168	0.169	0.179	0.171	0.181	0.177	14.46
60)	HEPTANE											
	0.792	0.702	0.586	0.548	0.553	0.516	0.471	0.427	0.497	0.492	0.558	19.88
61)	TVHC as EQUIV HEPTANE											
	2.798	3.087	3.203	3.145	3.335	3.260	3.061	2.947	3.181	3.245	3.126	5.12
62)	METHYL METHACRYLATE											
	0.191	0.239	0.250	0.269	0.268	0.271	0.262	0.262	0.270	0.277	0.256	9.87
63)	METHYL ISOBUTYL KETONE											
	0.137	0.196	0.201	0.230	0.238	0.231	0.229	0.237	0.249	0.217		15.87
64)	cis-1,3-DICHLOROPROPENE											
	0.307	0.361	0.348	0.364	0.401	0.401	0.404	0.409	0.405	0.433	0.383	9.79
65)	TOLUENE											
	0.479	0.483	0.461	0.477	0.486	0.487	0.479	0.487	0.487	0.502	0.483	2.17
66)	trans-1,3-DICHLOROPROPENE											
	0.246	0.257	0.260	0.274	0.314	0.332	0.345	0.371	0.342	0.377	0.312	15.75
67)	1,1,2-TRICHLOROETHANE											
	0.232	0.242	0.231	0.243	0.247	0.247	0.243	0.255	0.247	0.259	0.245	3.56
68)	I CHLOROBENZENE-D5	----------ISTD----------										
69)	2-HEXANONE											
	0.342	0.575	0.690	0.627	0.651	0.631	0.622	0.652	0.648	0.604		17.06
70)	ETHYL METHACRYLATE											
	0.618	0.779	0.896	0.881	0.899	0.870	0.855	0.902	0.878	0.842		10.91
71)	TETRACHLOROETHYLENE											
	0.568	0.632	0.604	0.639	0.584	0.575	0.571	0.550	0.582	0.558	0.586	5.07
72)	DIBROMOCHLOROMETHANE											
	0.588	0.692	0.732	0.814	0.862	0.871	0.872	0.859	0.883	0.867	0.804	12.44
73)	1,2-DIBROMOETHANE											
	0.650	0.696	0.683	0.736	0.743	0.745	0.745	0.743	0.757	0.740	0.724	4.82
74)	OCTANE											
	1.698	1.713	1.856	1.434	1.445	1.366	1.234	1.086	1.306	1.211	1.435	17.34
75)	1,1,1,2-TETRACHLOROETHANE											
	0.541	0.609	0.629	0.662	0.665	0.665	0.642	0.601	0.659	0.630	0.630	6.19
76)	CHLOROBENZENE											
	1.152	1.206	1.096	1.164	1.152	1.151	1.121	1.047	1.153	1.094	1.134	3.96
77)	ETHYLBENZENE											
	1.776	1.961	1.891	1.978	1.986	1.953	1.869	1.779	1.938	1.831	1.896	4.20
78)	m,p-XYLENE											
	0.588	0.723	0.691	0.721	0.737	0.738	0.713	0.666	0.736	0.690	0.700	6.57
79)	o-XYLENE											
	0.542	0.680	0.664	0.752	0.723	0.722	0.704	0.683	0.726	0.694	0.689	8.42
80)	STYRENE											
	0.700	0.782	0.778	0.908	1.026	1.065	1.074	1.063	1.092	1.067	0.956	15.70
81)	NONANE											
	1.287	1.458	1.211	1.291	1.392	1.329	1.184	0.974	1.267	1.143	1.254	10.84
82)	BROMOFORM											
	0.502	0.554	0.671	0.761	0.799	0.809	0.803	0.822	0.804	0.725		16.71
83)	4-BROMOFLUOROBENZENE											

Initial Calibration Summary

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Sample: V3W1462-ICC1462
Lab FileID: 3W38291.D

	1.049	1.074	1.098	1.126	1.191	1.207	1.215	1.204	1.219	1.202	1.159	5.61
84)	1,1,2,2-TETRACHLOROETHANE											
	0.914	1.100	1.066	1.139	1.158	1.133	1.069	1.056	1.139	1.089	1.086	6.48
85)	1,2,3-TRICHLOROPROPANE											
	0.777	0.878	0.825	0.901	0.894	0.898	0.865	0.844	0.894	0.873	0.865	4.59
86)	ISOPROPYLBENZENE											
	1.773	2.058	1.990	2.094	2.121	2.114	2.017	1.890	2.093	1.961	2.011	5.57
87)	BROMOBENZENE											
	0.971	1.027	0.937	0.927	0.982	0.980	0.964	0.960	0.988	0.976	0.971	2.87
88)	2-CHLOROTOLUENE											
		0.436	0.447	0.487	0.503	0.513	0.510	0.501	0.521	0.508	0.492	6.14
89)	n-PROPYLBENZENE											
		0.428	0.443	0.509	0.539	0.557	0.554	0.546	0.565	0.553	0.522	9.86
90)	4-ETHYLTOLUENE											
	1.164	1.334	1.414	1.556	1.767	1.819	1.780	1.726	1.845	1.765	1.617	14.65
91)	1,3,5-TRIMETHYLBENZENE											
	1.173	1.235	1.256	1.436	1.566	1.602	1.571	1.490	1.613	1.550	1.449	11.50
92)	ALPHA-METHYLSTYRENE											
			0.481	0.588	0.735	0.784	0.800	0.798	0.811	0.805	0.725	17.04
93)	tert-BUTYLBENZENE											
	0.248	0.319	0.314	0.368	0.371	0.385	0.373	0.351	0.389	0.366	0.348	12.46
94)	1,2,4-TRIMETHYLBENZENE											
	0.967	1.167	1.213	1.376	1.473	1.508	1.458	1.335	1.510	1.419	1.343	13.18
95)	m-DICHLOROBENZENE											
	0.652	0.687	0.682	0.728	0.855	0.910	0.937	0.914	0.944	0.937	0.825	14.79
96)	BENZYL CHLORIDE											
			0.692	0.821	1.098	1.220	1.263	1.253	1.276	1.291	1.114	20.76
97)	p-DICHLOROBENZENE											
	0.627	0.756	0.689	0.735	0.824	0.896	0.920	0.909	0.923	0.925	0.820	13.54
98)	sec-BUTYLBENZENE											
		0.337	0.347	0.402	0.442	0.463	0.466	0.456	0.472	0.470	0.428	12.52
99)	p-ISOPROPYLTOLUENE											
		0.305	0.341	0.407	0.460	0.489	0.482	0.434	0.497	0.470	0.432	15.77
100)	o-DICHLOROBENZENE											
	0.555	0.672	0.678	0.780	0.833	0.881	0.900	0.890	0.907	0.905	0.800	15.56
101)	n-BUTYLBENZENE											
			0.243	0.290	0.374	0.415	0.437	0.456	0.436	0.450	0.387	20.65
102)	HEXACHLOROETHANE											
		0.510	0.526	0.588	0.668	0.677	0.677	0.627	0.687	0.673	0.626	10.96
103)	HEXACHLOROBUTADIENE											
			0.403	0.460	0.572	0.597	0.606	0.541	0.610	0.592	0.548	13.98
104)	1,2,4-TRICHLOROBENZENE											
		0.200	0.194	0.252	0.374	0.441	0.531	0.518	0.510	0.541	0.396	36.80
105)	NAPHTHALENE											
			0.381	0.517	0.672	0.821	1.036	1.029	0.974	1.069	0.812	32.28

(#) = Out of Range ### Number of calibration levels exceeded format ###

M3W1462.M Thu Jan 16 12:23:49 2014 MS3W

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-ICV1462
Lab FileID: 3W38302.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	107	0.00	7.27
2		FREON 115		----------NA----------				
3		FREON 152A	0.943	0.891	5.5	111	0.00	4.27
4		CHLORODIFLUOROMETHANE	0.321	0.312	2.8	110	0.00	4.30
5		DICHLORODIFLUOROMETHANE	3.317	3.256	1.8	112	0.00	4.35
6		PROPYLENE	1.402	1.443	-2.9	112	0.00	4.31
7		FREON 114	3.593	3.379	6.0	107	0.00	4.49
8		CHLOROMETHANE	1.774	1.765	0.5	113	0.00	4.45
9		VINYL CHLORIDE	1.717	1.662	3.2	110	0.00	4.56
10		1,3-BUTADIENE	1.273	1.211	4.9	112	0.00	4.63
11		n-BUTANE	2.517	2.536	-0.8	112	0.00	4.65
12		BROMOMETHANE	1.415	1.319	6.8	107	0.00	4.79
13		CHLOROETHANE	0.897	0.833	7.1	110	0.00	4.88
14		DICHLOROFLUOROMETHANE	3.217	3.007	6.5	111	0.00	4.92
15		ACETONITRILE	1.049	1.032	1.6	115	0.00	5.09
16		FREON 123	3.154	2.991	5.2	108	0.00	5.14
17		FREON 123A	1.767	1.642	7.1	105	0.00	5.17
18		TRICHLOROFLUOROMETHANE	3.082	2.932	4.9	108	0.00	5.31
19		ISOPROPYL ALCOHOL	2.952	2.455	16.8	101	0.00	5.34
20		ACETONE	0.770	0.680	11.7	111	0.00	5.21
21		PENTANE	1.647	1.541	6.4	108	0.00	5.48
22	H	TVHC as EQUIV PENTANE	8.528	8.564	-0.4	108	0.00	5.48
23		IODOMETHANE	3.146	3.089	1.8	105	0.00	5.65
24		1,1-DICHLOROETHYLENE	1.337	1.251	6.4	106	0.00	5.69
25		CARBON DISULFIDE	3.880	3.722	4.1	107	0.00	5.96
26		ETHANOL	0.699	0.551	21.2	99	0.00	4.94
27		BROMOETHENE	1.326	1.295	2.3	108	0.00	5.08
28		ACRYLONITRILE	0.829	0.813	1.9	108	0.00	5.49
29		METHYLENE CHLORIDE	1.303	1.210	7.1	111	0.00	5.77
30		3-CHLOROPROPENE	0.617	0.603	2.3	106	0.00	5.83
31		FREON 113	2.071	2.003	3.3	104	0.00	5.91
32		TRANS-1,2-DICHLOROETHYLEN	1.238	1.239	-0.1	106	0.00	6.36
33		TERTIARY BUTYL ALCOHOL	3.162	2.841	10.2	97	0.00	5.69
34		METHYL TERTIARY BUTYL ETH	3.777	3.594	4.8	105	0.00	6.51
35		TETRAHYDROFURAN	0.675	0.659	2.4	104	0.00	7.65
36		HEXANE	2.295	2.319	-1.0	111	0.00	7.20
37		VINYL ACETATE	0.290	0.274	5.5	105	0.00	6.60
38		1,1-DICHLOROETHANE	2.606	2.554	2.0	110	0.00	6.51
39		METHYL ETHYL KETONE	0.700	0.652	6.9	103	0.00	6.77
40		cis-1,2-DICHLOROETHYLENE	1.272	1.276	-0.3	108	0.00	7.16
41		DIISOPROPYL ETHER	5.436	5.298	2.5	107	0.00	7.21
42		ETHYL ACETATE	0.521	0.509	2.3	104	0.00	7.27

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-ICV1462
Lab FileID: 3W38302.D

43		METHYL ACRYLATE	2.359	2.283	3.2	108	0.00	7.28
44		CHLOROFORM	2.523	2.508	0.6	110	0.00	7.35
45		2,4-DIMETHYLPENTANE	2.920	2.871	1.7	107	0.00	7.90
46		1,1,1-TRICHLOROETHANE	2.487	2.465	0.9	109	0.00	8.14
47		CARBON TETRACHLORIDE	2.418	2.457	-1.6	110	0.00	8.68
48		1,2-DICHLOROETHANE	1.469	1.536	-4.6	115	0.00	7.93
49	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	104	0.00	8.86
50		BENZENE	0.779	0.791	-1.5	108	0.00	8.55
51		CYCLOHEXANE	0.430	0.429	0.2	106	0.00	8.72
52		2,3-DIMETHYLPENTANE	0.206	0.200	2.9	106	0.00	8.90
53		TRICHLOROETHYLENE	0.298	0.297	0.3	110	0.00	9.47
54		1,2-DICHLOROPROPANE	0.309	0.325	-5.2	111	0.00	9.23
55		DIBROMOMETHANE	0.237	0.255	-7.6	108	0.00	9.25
56		ETHYL ACRYLATE	0.548	0.554	-1.1	104	0.00	9.26
57		BROMODICHLOROMETHANE	0.457	0.497	-8.8	112	0.00	9.45
58		2,2,4-TRIMETHYLPENTANE	1.391	1.422	-2.2	108	0.00	9.40
59		1,4-DIOXANE	0.177	0.158	10.7	98	0.00	9.51
60		HEPTANE	0.558	0.558	0.0	113	0.00	9.66
61	H	TVHC as EQUIV HEPTANE	3.126	3.377	-8.0	108	0.00	9.66
62		METHYL METHACRYLATE	0.256	0.273	-6.6	105	0.00	9.67
63		METHYL ISOBUTYL KETONE	0.217	0.225	-3.7	98	0.00	10.27
64		cis-1,3-DICHLOROPROPENE	0.383	0.423	-10.4	110	0.00	10.29
65		TOLUENE	0.483	0.500	-3.5	107	0.00	11.21
66		trans-1,3-DICHLOROPROPENE	0.312	0.350	-12.2	110	0.00	10.79
67		1,1,2-TRICHLOROETHANE	0.245	0.252	-2.9	107	0.00	10.95
68	I	CHLOROBENZENE-D5	1.000	1.000	0.0	106	0.00	13.01
69		2-HEXANONE	0.604	0.597	1.2	97	0.00	11.46
70		ETHYL METHACRYLATE	0.842	0.848	-0.7	100	0.00	11.50
71		TETRACHLOROETHYLENE	0.586	0.577	1.5	106	0.00	12.34
72		DIBROMOCHLOROMETHANE	0.804	0.895	-11.3	109	0.00	11.64
73		1,2-DIBROMOETHANE	0.724	0.743	-2.6	105	0.00	11.85
74		OCTANE	1.435	1.442	-0.5	112	0.00	12.14
75		1,1,1,2-TETRACHLOROETHANE	0.630	0.675	-7.1	107	0.00	13.03
76		CHLOROBENZENE	1.134	1.147	-1.1	105	0.00	13.06
77		ETHYLBENZENE	1.896	1.954	-3.1	106	0.00	13.43
78		m,p-XYLENE	0.700	0.734	-4.9	105	0.00	13.62
79		o-XYLENE	0.689	0.717	-4.1	105	0.00	14.12
80		STYRENE	0.956	1.037	-8.5	103	0.00	14.03
81		NONANE	1.254	1.396	-11.3	111	0.00	14.33
82		BROMOFORM	0.725	0.795	-9.7	105	0.00	13.71
83	S	4-BROMOFLUOROBENZENE	1.159	1.196	-3.2	105	0.00	14.64
84		1,1,2,2-TETRACHLOROETHANE	1.086	1.121	-3.2	105	0.00	14.15
85		1,2,3-TRICHLOROPROPANE	0.865	0.892	-3.1	105	0.00	14.27
86		ISOPROPYLBENZENE	2.011	2.090	-3.9	104	0.00	14.78
87		BROMOBENZENE	0.971	0.991	-2.1	107	0.00	14.89
88		2-CHLOROTOLUENE	0.492	0.509	-3.5	105	0.00	15.33
89		n-PROPYLBENZENE	0.522	0.546	-4.6	104	0.00	15.37
90		4-ETHYLTOLUENE	1.617	1.789	-10.6	104	0.00	15.54
91		1,3,5-TRIMETHYLBENZENE	1.449	1.572	-8.5	104	0.00	15.64
92		ALPHA-METHYLSTYRENE	0.725	0.750	-3.4	101	0.00	15.85
93		tert-BUTYLBENZENE	0.348	0.377	-8.3	104	0.00	16.12
94		1,2,4-TRIMETHYLBENZENE	1.343	1.486	-10.6	104	0.00	16.13
95		m-DICHLOROBENZENE	0.825	0.886	-7.4	103	0.00	16.33
96		BENZYL CHLORIDE	1.114	1.196	-7.4	104	0.00	16.33
97		p-DICHLOROBENZENE	0.820	0.854	-4.1	101	0.00	16.41
98		sec-BUTYLBENZENE	0.428	0.447	-4.4	102	0.00	16.46
99		p-ISOPROPYLTOLUENE	0.432	0.475	-10.0	103	0.00	16.66
100		o-DICHLOROBENZENE	0.800	0.848	-6.0	102	0.00	16.85

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1462-ICV1462
Lab FileID: 3W38302.D

101	n-BUTYLBENZENE	0.387	0.397	-2.6	101	0.00	17.19
102	HEXACHLOROETHANE	0.626	0.688	-9.9	108	0.00	17.67
103	HEXACHLOROBUTADIENE	0.548	0.608	-10.9	108	0.00	19.50
104	1,2,4-TRICHLOROBENZENE	0.420	0.424	-1.0	102	0.00	18.93
105	NAPHTHALENE	0.812	0.770	5.2	99	0.00	19.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3W38291.D M3W1462.M Thu Jan 16 12:23:50 2014 MS3W

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1466-CC1462
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38385.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	BROMOCHLOROMETHANE	1.000	1.000	0.0	109	0.00	7.28
2		FREON 115		----------NA----------				
3		FREON 152A	0.943	0.914	3.1	116	0.02	4.29
4		CHLORODIFLUOROMETHANE	0.321	0.351	-9.3	125	0.02	4.32
5		DICHLORODIFLUOROMETHANE	3.317	2.936	11.5	102	0.02	4.37
6		PROPYLENE	1.402	1.202	14.3	94	0.03	4.34
7		FREON 114	3.593	3.141	12.6	101	0.02	4.51
8		CHLOROMETHANE	1.774	1.515	14.6	98	0.02	4.47
9		VINYL CHLORIDE	1.717	1.473	14.2	99	0.02	4.59
10		1,3-BUTADIENE	1.273	1.031	19.0	96	0.02	4.65
11		n-BUTANE	2.517	2.146	14.7	96	0.02	4.68
12		BROMOMETHANE	1.415	1.283	9.3	106	0.02	4.82
13		CHLOROETHANE	0.897	0.778	13.3	104	0.02	4.90
14		DICHLOROFLUOROMETHANE	3.217	2.864	11.0	107	0.02	4.94
15		ACETONITRILE	1.049	0.931	11.2	105	0.02	5.11
16		FREON 123	3.154	2.962	6.1	108	0.02	5.16
17		FREON 123A	1.767	1.688	4.5	109	0.02	5.19
18		TRICHLOROFLUOROMETHANE	3.082	2.967	3.7	110	0.02	5.33
19		ISOPROPYL ALCOHOL	2.952	2.369	19.7	99	0.02	5.36
20		ACETONE	0.770	0.648	15.8	107	0.02	5.22
21		PENTANE	1.647	1.408	14.5	100	0.02	5.50
22	H	TVHC as EQUIV PENTANE	8.528	8.054	5.6	103	0.02	5.50
23		IODOMETHANE	3.146	3.167	-0.7	109	0.02	5.67
24		1,1-DICHLOROETHYLENE	1.337	1.244	7.0	106	0.02	5.71
25		CARBON DISULFIDE	3.880	3.556	8.4	103	0.02	5.98
26		ETHANOL	0.699	0.562	19.6	102	0.02	4.97
27		BROMOETHENE	1.326	1.283	3.2	108	0.02	5.10
28		ACRYLONITRILE	0.829	0.771	7.0	104	0.02	5.52
29		METHYLENE CHLORIDE	1.303	1.152	11.6	107	0.02	5.79
30		3-CHLOROPROPENE	0.617	0.590	4.4	105	0.02	5.85
31		FREON 113	2.071	2.085	-0.7	110	0.02	5.93
32		TRANS-1,2-DICHLOROETHYLEN	1.238	1.204	2.7	105	0.02	6.37
33		TERTIARY BUTYL ALCOHOL	3.162	2.858	9.6	99	0.02	5.70
34		METHYL TERTIARY BUTYL ETH	3.777	3.443	8.8	101	0.02	6.53
35		TETRAHYDROFURAN	0.675	0.621	8.0	99	0.02	7.67
36		HEXANE	2.295	2.025	11.8	98	0.00	7.21
37		VINYL ACETATE	0.290	0.274	5.5	106	0.02	6.62
38		1,1-DICHLOROETHANE	2.606	2.316	11.1	101	0.02	6.53
39		METHYL ETHYL KETONE	0.700	0.621	11.3	100	0.00	6.78
40		cis-1,2-DICHLOROETHYLENE	1.272	1.216	4.4	104	0.02	7.17
41		DIISOPROPYL ETHER	5.436	4.640	14.6	95	0.00	7.22
42		ETHYL ACETATE	0.521	0.467	10.4	96	0.00	7.28

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V3W1466-CC1462
Account: CARICH C. A. Rich Consultants **Lab FileID:** 3W38385.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

43		METHYL ACRYLATE	2.359	2.043	13.4	98	0.00	7.30
44		CHLOROFORM	2.523	2.343	7.1	104	0.00	7.37
45		2,4-DIMETHYLPENTANE	2.920	2.591	11.3	98	0.00	7.91
46		1,1,1-TRICHLOROETHANE	2.487	2.344	5.7	105	0.00	8.16
47		CARBON TETRACHLORIDE	2.418	2.386	1.3	108	0.00	8.69
48		1,2-DICHLOROETHANE	1.469	1.376	6.3	104	0.00	7.95
49	I	1,4-DIFLUOROBENZENE	1.000	1.000	0.0	107	0.00	8.87
50		BENZENE	0.779	0.726	6.8	102	0.00	8.56
51		CYCLOHEXANE	0.430	0.403	6.3	102	0.00	8.73
52		2,3-DIMETHYLPENTANE	0.206	0.183	11.2	100	0.00	8.91
53		TRICHLOROETHYLENE	0.298	0.275	7.7	104	0.00	9.48
54		1,2-DICHLOROPROPANE	0.309	0.286	7.4	100	0.00	9.24
55		DIBROMOMETHANE	0.237	0.250	-5.5	109	0.00	9.26
56		ETHYL ACRYLATE	0.548	0.493	10.0	95	0.00	9.27
57		BROMODICHLOROMETHANE	0.457	0.452	1.1	104	0.00	9.45
58		2,2,4-TRIMETHYLPENTANE	1.391	1.265	9.1	98	0.00	9.41
59		1,4-DIOXANE	0.177	0.154	13.0	98	0.00	9.52
60		HEPTANE	0.558	0.467	16.3	97	0.00	9.66
61	H	TVHC as EQUIV HEPTANE	3.126	2.960	5.3	97	0.00	9.67
62		METHYL METHACRYLATE	0.256	0.248	3.1	98	0.00	9.68
63		METHYL ISOBUTYL KETONE	0.217	0.204	6.0	91	0.00	10.28
64		cis-1,3-DICHLOROPROPENE	0.383	0.386	-0.8	103	0.00	10.30
65		TOLUENE	0.483	0.462	4.3	101	0.00	11.22
66		trans-1,3-DICHLOROPROPENE	0.312	0.317	-1.6	102	0.00	10.80
67		1,1,2-TRICHLOROETHANE	0.245	0.232	5.3	101	0.00	10.95
68	I	CHLOROBENZENE-D5	1.000	1.000	0.0	102	0.00	13.02
69		2-HEXANONE	0.604	0.575	4.8	90	0.00	11.47
70		ETHYL METHACRYLATE	0.842	0.831	1.3	95	0.00	11.51
71		TETRACHLOROETHYLENE	0.586	0.600	-2.4	107	0.00	12.34
72		DIBROMOCHLOROMETHANE	0.804	0.920	-14.4	108	0.00	11.65
73		1,2-DIBROMOETHANE	0.724	0.751	-3.7	103	0.00	11.86
74		OCTANE	1.435	1.278	10.9	96	0.00	12.14
75		1,1,1,2-TETRACHLOROETHANE	0.630	0.687	-9.0	106	0.00	13.04
76		CHLOROBENZENE	1.134	1.157	-2.0	103	0.00	13.06
77		ETHYLBENZENE	1.896	1.926	-1.6	101	0.00	13.43
78		m,p-XYLENE	0.700	0.734	-4.9	102	0.00	13.62
79		o-XYLENE	0.689	0.726	-5.4	103	0.00	14.12
80		STYRENE	0.956	1.026	-7.3	99	0.00	14.03
81		NONANE	1.254	1.240	1.1	95	0.00	14.33
82		BROMOFORM	0.725	0.849	-17.1	109	0.00	13.72
83	S	4-BROMOFLUOROBENZENE	1.159	1.210	-4.4	103	0.00	14.65
84		1,1,2,2-TETRACHLOROETHANE	1.086	1.119	-3.0	101	0.00	14.15
85		1,2,3-TRICHLOROPROPANE	0.865	0.870	-0.6	99	0.00	14.27
86		ISOPROPYLBENZENE	2.011	2.086	-3.7	101	0.00	14.78
87		BROMOBENZENE	0.971	0.954	1.8	100	0.00	14.89
88		2-CHLOROTOLUENE	0.492	0.519	-5.5	103	0.00	15.33
89		n-PROPYLBENZENE	0.522	0.554	-6.1	102	0.00	15.37
90		4-ETHYLTOLUENE	1.617	1.774	-9.7	100	0.00	15.54
91		1,3,5-TRIMETHYLBENZENE	1.449	1.573	-8.6	100	0.00	15.64
92		ALPHA-METHYLSTYRENE	0.725	0.749	-3.3	98	0.00	15.85
93		tert-BUTYLBENZENE	0.348	0.383	-10.1	102	0.00	16.13
94		1,2,4-TRIMETHYLBENZENE	1.343	1.468	-9.3	100	0.00	16.14
95		m-DICHLOROBENZENE	0.825	0.909	-10.2	102	0.00	16.33
96		BENZYL CHLORIDE	1.114	1.163	-4.4	98	0.00	16.33
97		p-DICHLOROBENZENE	0.820	0.878	-7.1	100	0.00	16.42
98		sec-BUTYLBENZENE	0.428	0.456	-6.5	101	0.00	16.47
99		p-ISOPROPYLTOLUENE	0.432	0.484	-12.0	101	0.00	16.67
100		o-DICHLOROBENZENE	0.800	0.876	-9.5	102	0.00	16.85

Continuing Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V3W1466-CC1462
Lab FileID: 3W38385.D

101	n-BUTYLBENZENE	0.387	0.403	-4.1	100	0.00	17.19
102	HEXACHLOROETHANE	0.626	0.696	-11.2	105	0.00	17.67
103	HEXACHLOROBUTADIENE	0.548	0.633	-15.5	108	0.00	19.50
104	1,2,4-TRICHLOROBENZENE	0.396	0.425	-7.3	99	0.00	18.94
105	NAPHTHALENE	0.812	0.761	6.3	95	0.00	19.07

(#) = Out of Range SPCC's out = 0 CCC's out = 0

3W38291.D M3W1462.M Tue Jan 21 10:36:27 2014 MS3W

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W79-ICC79
Lab FileID: 5W1966.D

Response Factor Report GCMS5W

Method Path : C:\msdchem\1\METHODS\
Method File : m5w79.M
Title : TO-15 Full Scan Mode
Last Update : Tue Dec 24 10:23:17 2013
Response Via : Initial Calibration

Calibration Files
20 =5w1968.D 40 =5w1971.D 0.5 =5w1962.D 0.2 =5w1963.D 0.1 =5w1964.D 0.04=5w1965.D 10 =5w1966.D 5 =5w1967.D

	Compound	20	40	0.5	0.2	0.1	0.04	10	5	Avg	%RSD
1) I	Bromochloromethane	----------ISTD----------									
2)	Freon 152A									0.000	-1.00
3)	Chlorodifluoro...	0.317	0.313	0.271	0.282			0.306	0.320	0.302	6.73
4)	Propene	1.068	1.093	0.875	0.961	1.062	1.247	1.044	1.050	1.050	10.17
5)	Dichlorodifluo...	3.208	3.116	2.847	2.974	3.002	3.029	3.091	3.187	3.057	3.90
6)	Chloromethane	1.278	1.326	1.029	1.150	1.210	1.280	1.257	1.270	1.225	7.77
7)	Dichlorotetraf...	3.129	3.108	2.812	2.954	2.876	3.039	3.106	3.171	3.024	4.30
8)	Vinyl Chloride	1.420	1.459	1.148	1.275	1.192	1.174	1.391	1.406	1.308	9.58
9)	1,3-Butadiene	1.059	1.093	0.826	0.902	0.839	0.756	1.031	1.044	0.944	13.59
10)	n-Butane	0.221	0.228	0.176	0.189			0.214	0.218	0.208	9.79
11)	Bromomethane	1.134	1.140	1.032	1.114	1.061	1.061	1.119	1.137	1.100	3.83
12)	Chloroethane	0.686	0.704	0.546	0.598			0.667	0.674	0.646	9.45
13)	Dichlorofluoro...	3.014	3.064	2.585	2.828	2.834	3.012	2.975	3.010	2.915	5.45
14)	Acetonitrile	1.192	1.255	1.269	1.575			1.172	1.184	1.275	11.96
15)	Freon 123	2.844	2.866	2.569	2.763	2.617	2.775	2.839	2.853	2.766	4.10
16)	Freon 123A	1.379	1.391	1.309	1.295	1.170	0.998	1.366	1.374	1.285	10.63
17)	Bromoethene	1.049	1.046	0.958	0.985	0.933	0.814	1.023	1.048	0.982	8.24
18)	Trichlorofluor...	2.939	2.904	2.684	2.837	2.669	2.727	2.863	2.903	2.816	3.80
19)	Acetone	2.302	2.398	2.424	2.997			2.268	2.270	2.443	11.42
20)	Pentane	0.350	0.355	0.283	0.289			0.337	0.334	0.325	9.58
21)	Iodomethane	2.511	2.465	2.445	2.530	2.301	2.218	2.475	2.487	2.429	4.54
22)	Isopropyl Alcohol	2.695	2.727	3.070	3.956			2.642	2.650	2.957	17.41
23)	1,1-Dichloroet...	2.263	2.324	1.820	1.992	1.950	2.006	2.194	2.189	2.092	8.36
24)	Freon 113	2.584	2.596	2.386	2.579	2.511	2.578	2.545	2.525	2.538	2.70
25)	Methylene Chlo...	1.174	1.166	1.247	1.631			1.154	1.156	1.255	14.96
26)	Carbon Disulfide	3.984	3.958	3.426	3.640	3.559	3.647	3.945	3.901	3.758	5.72
27)	Ethanol	0.621	0.650	0.783	0.897			0.602	0.601	0.692	17.49
28)	Acrylonitrile	1.145	1.173	0.895	0.921	0.831		1.101	1.095	1.023	13.37
29)	3-Chloropropene	0.596	0.601	0.475	0.498			0.579	0.573	0.554	9.67
30)	trans-1,2-Dich...	2.146	2.182	1.706	1.853	1.815	1.817	2.078	2.050	1.956	9.13
31)	tert-Butyl Alc...	3.388	3.357	2.782	2.929	2.855	2.873	3.303	3.258	3.093	8.26
32)	Methyl tert-Bu...	3.666	3.680	3.080	3.254	3.253	3.637	3.589	3.593	3.469	6.76
33)	Vinyl Acetate	4.293	4.438	3.284	3.621	3.759	4.158	4.126	4.151	3.979	9.74
34)	1,1-Dichloroet...	2.670	2.715	2.216	2.372	2.339	2.384	2.611	2.609	2.490	7.36
35)	2-Butanone	0.694	0.696	0.629	0.658	0.567	0.436	0.674	0.659	0.627	13.94
36)	Hexane	2.258	2.198	1.910	2.163	2.326	2.760	2.276	2.279	2.271	10.38
37)	cis-1,2-Dichlo...	2.037	2.082	1.615	1.763	1.758	1.580	1.968	1.961	1.845	10.41
38)	Di-isopropyl E...	5.816	5.647	4.464	4.876	5.072	5.620	5.825	5.790	5.389	9.60
39)	Ethyl Acetate	0.527	0.523	0.429	0.427	0.338		0.525	0.518	0.470	15.62
40)	Methyl Acrylate	2.899	2.832	2.490	2.662	2.414	2.566	2.903	2.875	2.705	7.31
41)	Chloroform	2.862	2.820	2.474	2.688	2.494	2.563	2.803	2.815	2.690	5.90
42)	2,4-Dimethylpe...	2.748	2.835	2.208	2.414	2.380	2.392	2.695	2.682	2.544	8.77
43)	Tetrahydrofuran	0.686	0.692	0.545	0.570	0.490		0.670	0.662	0.616	13.00
44)	1,1,1-Trichlor...	2.649	2.652	2.396	2.491	2.437	2.414	2.584	2.584	2.526	4.13
45)	1,2-Dichloroet...	1.868	1.919	1.502	1.632	1.556	1.605	1.811	1.797	1.711	9.12
46)	Benzene	4.147	4.126	3.641	3.974	3.820	3.984	4.126	4.114	3.992	4.52

Initial Calibration Summary

Job Number: JB58146 **Sample:** V5W79-ICC79
Account: CARICH C. A. Rich Consultants **Lab FileID:** 5W1966.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

47)		Carbon Tetrach...	2.616	2.635	2.320	2.421	2.221	2.203	2.552	2.490	2.432	7.00
48)		Cyclohexane	2.363	2.411	1.913	2.051	2.065	2.117	2.322	2.316	2.195	8.24
49)		2,3-Dimethylpe...	0.939	0.945	0.776	0.806	0.781	0.685	0.931	0.924	0.848	11.62
50)	I	1,4-Difluorobenzene	----------ISTD----------									
51)		2,2,4-Trimethy...	1.804	1.801	1.531	1.647	1.594	1.713	1.787	1.822	1.713	6.43
52)		Heptane	0.339	0.340	0.283	0.303	0.284	0.250	0.331	0.334	0.308	10.85
53)		Trichloroethene	0.416	0.416	0.377	0.405	0.374	0.339	0.409	0.417	0.394	7.19
54)		1,2-Dichloropr...	0.427	0.432	0.353	0.387	0.371	0.368	0.423	0.424	0.398	7.99
55)		Dibromomethane	0.275	0.269	0.276	0.268	0.237	0.211	0.272	0.270	0.260	9.00
56)		Ethyl Acrylate	0.885	0.908	0.720	0.754	0.699	0.713	0.865	0.863	0.801	10.91
57)		Methyl Methacr...	0.375	0.383	0.306	0.320	0.307	0.258	0.370	0.363	0.335	13.20
58)		1,4-Dioxane	0.223	0.221	0.244	0.245	0.212	0.150	0.217	0.223	0.217	13.69
59)		Bromodichlorom...	0.743	0.746	0.639	0.662	0.626	0.647	0.719	0.725	0.688	7.22
60)		cis-1,3-Dichlo...	0.607	0.607	0.495	0.522	0.497	0.461	0.589	0.584	0.545	10.64
61)		4-Methyl-2-pen...	0.919	0.961	0.691	0.746	0.773	0.841	0.908	0.908	0.843	11.49
62)		trans-1,3-Dich...	0.542	0.554	0.432	0.458	0.415	0.426	0.527	0.522	0.485	11.86
63)		Toluene	1.052	1.042	0.984	1.038	1.018	1.090	1.053	1.061	1.042	3.01
64)		1,1,2-Trichlor...	0.377	0.376	0.337	0.351	0.331	0.320	0.371	0.373	0.354	6.39
65)		2-Hexanone	0.489	0.486	0.427	0.437	0.414	0.368	0.475	0.471	0.446	9.42
66)		Ethyl Methacry...	0.661	0.650	0.530	0.537	0.503	0.471	0.646	0.646	0.580	13.39
67)		Dibromochlorom...	0.605	0.608	0.539	0.546	0.520	0.522	0.593	0.581	0.564	6.47
68)		Tetrachloroethene	0.396	0.393	0.397	0.401	0.375	0.353	0.393	0.389	0.387	4.10
69)		1,2-Dibromoethane	0.556	0.557	0.515	0.523	0.483	0.481	0.551	0.548	0.527	5.97
70)		Octane	0.920	0.952	0.709	0.796	0.796	0.907	0.906	0.894	0.860	9.68
71)		1,1,1,2-Tetrac...	0.416	0.419	0.381	0.392	0.363	0.344	0.406	0.408	0.391	6.86
72)	I	Chlorobenzene-d5	----------ISTD----------									
73)		Chlorobenzene	1.161	1.026	1.270	1.323	1.219	1.260	1.213	1.252	1.215	7.42
74)		Ethylbenzene	2.084	1.848	2.217	2.284	2.174	2.188	2.210	2.246	2.156	6.39
75)		m,p-Xylene	1.590	1.405	1.680	1.740	1.627	1.642	1.679	1.712	1.635	6.37
76)		Styrene	1.126	0.994	1.140	1.167	1.070	1.060	1.183	1.200	1.117	6.32
77)		Nonane	1.453	1.303	1.326	1.450	1.425	1.518	1.532	1.554	1.445	6.38
78)		o-Xylene	1.609	1.388	1.692	1.753	1.598	1.709	1.715	1.766	1.654	7.46
79)		Bromoform	0.808	0.740	0.849	0.837	0.718	0.682	0.836	0.844	0.789	8.36
80)		1,1,2,2-Tetrac...	1.324	1.128	1.387	1.429	1.358	1.426	1.437	1.480	1.371	8.01
81)		1,2,3-Trichlor...	1.042	0.949	1.040	1.084	1.042	1.073	1.082	1.104	1.052	4.56
82)		Isopropylbenzene	2.081	1.816	2.264	2.348	2.145	2.273	2.224	2.255	2.176	7.66
83)		Bromobenzene	0.557	0.498	0.607	0.618	0.546	0.519	0.586	0.591	0.565	7.56
84)		2-Chlorotoluene	0.482	0.434	0.515	0.529	0.464	0.448	0.505	0.513	0.486	7.08
85)		n-Propylbenzene	0.519	0.468	0.548	0.541	0.488	0.450	0.550	0.551	0.514	7.88
86)	S	4-Bromofluorob...	1.204	1.105	1.325	1.307	1.299	1.282	1.270	1.286	1.260	5.72
87)		4-Ethyltoluene	1.881	1.648	1.999	2.021	1.879	1.844	2.009	2.018	1.912	6.76
88)		1,3,5-Trimethy...	1.654	1.464	1.704	1.734	1.590	1.604	1.728	1.768	1.656	6.04
89)		alpha-Methylst...	0.795	0.708	0.800	0.786	0.713	0.626	0.826	0.845	0.762	9.65
90)		tert-Butylbenzene	0.322	0.283	0.346	0.333	0.302	0.250	0.338	0.338	0.314	10.68
91)		1,2,4-Trimethy...	1.605	1.370	1.683	1.706	1.543	1.538	1.717	1.740	1.613	7.77
92)		1,3-Dichlorobe...	0.947	0.841	1.008	1.002	0.914	0.922	0.983	1.001	0.952	6.12
93)		Benzyl Chloride	1.586	1.388	1.447	1.387	1.281	1.223	1.689	1.697	1.462	12.22
94)		1,4-Dichlorobe...	0.931	0.825	0.975	0.981	0.887	0.842	0.958	0.978	0.922	6.83
95)		sec-Butylbenzene	0.413	0.367	0.427	0.413	0.362	0.353	0.431	0.434	0.400	8.46
96)		p-Isopropyltol...	0.445	0.392	0.473	0.443	0.399	0.382	0.467	0.476	0.435	8.79
97)		1,2-Dichlorobe...	0.894	0.790	0.943	0.953	0.841	0.824	0.924	0.943	0.889	7.04
98)		n-Butylbenzene	0.411	0.366	0.406	0.375	0.325	0.245	0.421	0.425	0.372	16.49
99)		Hexachloroethane	0.528	0.486	0.539	0.520	0.428	0.384	0.533	0.519	0.492	11.53
100)		1,2,4-Trichlor...	0.579	0.528	0.517	0.502	0.395	0.266	0.581	0.577	0.493	22.39
101)		Naphthalene	1.344	1.198	1.201	1.177	0.960	0.894	1.397	1.403	1.197	15.87
102)		Hexachlorobuta...	0.556	0.510	0.538	0.533	0.424	0.368	0.538	0.528	0.499	13.40
103)	I	Bromochloromethane...	----------ISTD----------									

Initial Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W79-ICC79
Lab FileID: 5W1966.D

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104)     TVHC as equiv ... 6.547 6.835 5.130 5.668 5.561 6.384 6.393 6.371 6.111    9.57
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 (#) = Out of Range

m5w79.M Thu Dec 26 12:19:24 2013 GCMS5W
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Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W79-ICV79
Lab FileID: 5W1975.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\5w1975.D Vial: 4
Acq On : 24 Dec 2013 1:28 pm Operator: MIKEL1
Sample : ICV79-10 Inst : GCMS5W
Misc : ms60248,v5w79,,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\msdchem\1\METHODS\m5w79.M (RTE Integrator)
Title : TO-15 Full Scan Mode
Last Update : Tue Dec 24 10:23:17 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Bromochloromethane	1.000	1.000	0.0	104	0.00	8.85
2	Freon 152A		----------NA----------				
3	Chlorodifluoromethane	0.302	0.301	0.3	103	0.00	4.14
4	Propene	1.050	1.012	3.6	101	0.00	4.17
5	Dichlorodifluoromethane	3.057	3.055	0.1	103	0.00	4.24
6	Chloromethane	1.225	1.218	0.6	101	0.00	4.39
7	Dichlorotetrafluoroethane	3.024	3.020	0.1	101	0.00	4.48
8	Vinyl Chloride	1.308	1.350	-3.2	101	0.00	4.59
9	1,3-Butadiene	0.944	1.000	-5.9	101	0.00	4.72
10	n-Butane	0.208	0.208	0.0	101	0.00	4.77
11	Bromomethane	1.100	1.105	-0.5	103	0.00	4.97
12	Chloroethane	0.646	0.648	-0.3	101	0.00	5.13
13	Dichlorofluoromethane	2.915	2.894	0.7	101	0.00	5.21
14	Acetonitrile	1.275	1.010	20.8	90	0.00	5.44
15	Freon 123	2.766	2.762	0.1	101	0.00	5.60
16	Freon 123A	1.285	1.353	-5.3	103	0.00	5.65
17	Bromoethene	0.982	1.023	-4.2	104	0.00	5.46
18	Trichlorofluoromethane	2.816	2.820	-0.1	103	0.00	5.86
19	Acetone	2.443	2.109	13.7	97	0.00	5.69
20	Pentane	0.325	0.327	-0.6	101	0.00	6.20
21	Iodomethane	2.429	2.481	-2.1	104	0.00	6.41
22	Isopropyl Alcohol	2.957	2.502	15.4	99	0.00	5.92
23	1,1-Dichloroethene	2.092	2.144	-2.5	102	0.00	6.48
24	Freon 113	2.538	2.494	1.7	102	0.00	6.86
25	Methylene Chloride	1.255	1.147	8.6	104	0.00	6.60
26	Carbon Disulfide	3.758	3.889	-3.5	103	0.00	6.91
27	Ethanol	0.692	0.492	28.9	85	0.00	5.23
28	Acrylonitrile	1.023	1.018	0.5	96	0.00	6.14
29	3-Chloropropene	0.554	0.566	-2.2	102	0.00	6.72
30	trans-1,2-Dichloroethene	1.956	2.030	-3.8	102	0.00	7.56
31	tert-Butyl Alcohol	3.093	3.150	-1.8	99	0.00	6.51
32	Methyl tert-Butyl Ether	3.469	3.475	-0.2	101	0.00	7.84
33	Vinyl Acetate	3.979	3.913	1.7	99	0.00	7.92
34	1,1-Dichloroethane	2.490	2.557	-2.7	102	0.00	7.77
35	2-Butanone	0.627	0.635	-1.3	98	0.00	8.19
36	Hexane	2.271	2.177	4.1	100	0.00	8.90
37	cis-1,2-Dichloroethene	1.845	1.928	-4.5	102	0.00	8.67
38	Di-isopropyl Ether	5.389	5.514	-2.3	99	0.00	8.90
39	Ethyl Acetate	0.470	0.494	-5.1	98	0.00	8.92
40	Methyl Acrylate	2.705	2.692	0.5	97	0.00	8.90
41	Chloroform	2.690	2.762	-2.7	103	0.00	8.99
42	2,4-Dimethylpentane	2.544	2.594	-2.0	100	0.00	9.89

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Sample: V5W79-ICV79
Lab FileID: 5W1975.D

43		Tetrahydrofuran	0.616	0.647	-5.0	101	0.00	9.46
44		1,1,1-Trichloroethane	2.526	2.543	-0.7	103	0.00	10.12
45		1,2-Dichloroethane	1.711	1.782	-4.1	103	0.00	9.83
46		Benzene	3.992	4.083	-2.3	103	0.00	10.65
47		Carbon Tetrachloride	2.432	2.511	-3.2	103	0.00	10.83
48		Cyclohexane	2.195	2.217	-1.0	100	0.00	10.98
49		2,3-Dimethylpentane	0.848	0.905	-6.7	101	0.00	11.26
50	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00	11.07
51		2,2,4-Trimethylpentane	1.713	1.738	-1.5	100	0.00	11.95
52		Heptane	0.308	0.328	-6.5	102	0.00	12.28
53		Trichloroethene	0.394	0.412	-4.6	104	0.00	11.92
54		1,2-Dichloropropane	0.398	0.415	-4.3	101	0.00	11.62
55		Dibromomethane	0.260	0.273	-5.0	104	0.00	11.59
56		Ethyl Acrylate	0.801	0.820	-2.4	98	0.00	11.64
57		Methyl Methacrylate	0.335	0.363	-8.4	101	0.00	12.17
58		1,4-Dioxane	0.217	0.210	3.2	100	0.00	11.92
59		Bromodichloromethane	0.688	0.722	-4.9	104	0.00	11.86
60		cis-1,3-Dichloropropene	0.545	0.592	-8.6	104	0.00	12.98
61		4-Methyl-2-pentanone	0.843	0.873	-3.6	99	0.00	13.04
62		trans-1,3-Dichloropropene	0.485	0.521	-7.4	102	0.00	13.65
63		Toluene	1.042	1.059	-1.6	104	0.00	14.24
64		1,1,2-Trichloroethane	0.354	0.373	-5.4	104	0.00	13.88
65		2-Hexanone	0.446	0.446	0.0	97	0.00	14.60
66		Ethyl Methacrylate	0.580	0.638	-10.0	102	0.00	14.62
67		Dibromochloromethane	0.564	0.603	-6.9	105	0.00	14.79
68		Tetrachloroethene	0.387	0.392	-1.3	103	0.00	15.76
69		1,2-Dibromoethane	0.527	0.552	-4.7	103	0.00	15.12
70		Octane	0.860	0.879	-2.2	100	0.00	15.58
71		1,1,1,2-Tetrachloroethane	0.391	0.414	-5.9	105	0.00	16.68
72	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00	16.63
73		Chlorobenzene	1.215	1.245	-2.5	106	0.00	16.70
74		Ethylbenzene	2.156	2.225	-3.2	104	0.00	17.24
75		m,p-Xylene	1.635	1.688	-3.2	104	-0.02	17.49
76		Styrene	1.117	1.191	-6.6	104	0.00	18.03
77		Nonane	1.445	1.512	-4.6	102	0.00	18.56
78		o-Xylene	1.654	1.740	-5.2	105	0.00	18.19
79		Bromoform	0.789	0.861	-9.1	106	0.00	17.59
80		1,1,2,2-Tetrachloroethane	1.371	1.476	-7.7	106	0.00	18.18
81		1,2,3-Trichloropropane	1.052	1.092	-3.8	104	0.00	18.38
82		Isopropylbenzene	2.176	2.212	-1.7	103	0.00	19.08
83		Bromobenzene	0.565	0.588	-4.1	103	0.00	19.19
84		2-Chlorotoluene	0.486	0.518	-6.6	106	0.00	19.74
85		n-Propylbenzene	0.514	0.557	-8.4	104	0.00	19.80
86	S	4-Bromofluorobenzene	1.260	1.253	0.6	102	0.00	18.87
87		4-Ethyltoluene	1.912	2.024	-5.9	104	0.00	20.01
88		1,3,5-Trimethylbenzene	1.656	1.737	-4.9	104	0.00	20.12
89		alpha-Methylstyrene	0.762	0.836	-9.7	104	0.00	20.34
90		tert-Butylbenzene	0.314	0.343	-9.2	105	0.00	20.66
91		1,2,4-Trimethylbenzene	1.613	1.758	-9.0	106	0.00	20.67
92		1,3-Dichlorobenzene	0.952	0.988	-3.8	104	0.00	20.86
93		Benzyl Chloride	1.462	1.662	-13.7	101	0.00	20.84
94		1,4-Dichlorobenzene	0.922	0.967	-4.9	104	0.00	20.95
95		sec-Butylbenzene	0.400	0.431	-7.7	103	0.00	21.02
96		p-Isopropyltoluene	0.435	0.472	-8.5	104	0.00	21.23
97		1,2-Dichlorobenzene	0.889	0.937	-5.4	105	0.00	21.39
98		n-Butylbenzene	0.372	0.431	-15.9	106	0.00	21.78
99		Hexachloroethane	0.492	0.529	-7.5	102	0.00	22.24
100		1,2,4-Trichlorobenzene	0.493	0.590	-19.7	105	0.00	23.52

Initial Calibration Verification

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W79-ICV79
Lab FileID: 5W1975.D

101		Naphthalene	1.197	1.375	-14.9	101	0.00	23.65
102		Hexachlorobutadiene	0.499	0.547	-9.6	105	0.00	24.10
103	I	Bromochloromethane (A)	1.000	1.000	0.0	104	0.00	8.85
104		TVHC as equiv Pentane	6.111	6.158	-0.8	100	0.00	6.20

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5w1966.D m5w79.M Thu Dec 26 12:19:08 2013 GCMS5W

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V5W99-CC79
Account: CARICH C. A. Rich Consultants **Lab FileID:** 5W2456.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\DATA\5w2456.D Vial: 2
Acq On : 18 Jan 2014 9:11 am Operator: MIKEL1
Sample : CC79-10 Inst : GCMS5W
Misc : ms61597,v5w99,,,,,1 Multiplr: 1.00
MS Integration Params: Rteint.p

Method : C:\msdchem\1\METHODS\m5w79.M (RTE Integrator)
Title : TO-15 Full Scan Mode
Last Update : Tue Dec 24 10:23:17 2013
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Bromochloromethane	1.000	1.000	0.0	72	0.00	8.85
2	Freon 152A		----------NA----------				
3	Chlorodifluoromethane	0.302	0.308	-2.0	72	0.00	4.14
4	Propene	1.050	1.122	-6.9	77	0.00	4.17
5	Dichlorodifluoromethane	3.057	3.094	-1.2	72	0.00	4.24
6	Chloromethane	1.225	1.300	-6.1	74	0.00	4.39
7	Dichlorotetrafluoroethane	3.024	2.978	1.5	69	0.00	4.48
8	Vinyl Chloride	1.308	1.373	-5.0	71	0.00	4.59
9	1,3-Butadiene	0.944	1.018	-7.8	71	0.00	4.72
10	n-Butane	0.208	0.214	-2.9	72	0.00	4.77
11	Bromomethane	1.100	1.069	2.8	69	0.00	4.97
12	Chloroethane	0.646	0.664	-2.8	72	0.00	5.14
13	Dichlorofluoromethane	2.915	2.850	2.2	69	0.00	5.22
14	Acetonitrile	1.275	1.243	2.5	76	0.00	5.44
15	Freon 123	2.766	2.736	1.1	69	0.00	5.60
16	Freon 123A	1.285	1.290	-0.4	68	0.00	5.65
17	Bromoethene	0.982	0.980	0.2	69	0.00	5.47
18	Trichlorofluoromethane	2.816	2.939	-4.4	74	0.00	5.86
19	Acetone	2.443	2.275	6.9	72	0.00	5.70
20	Pentane	0.325	0.343	-5.5	73	0.00	6.20
21	Iodomethane	2.429	2.427	0.1	70	0.00	6.41
22	Isopropyl Alcohol	2.957	2.629	11.1	72	0.00	5.92
23	1,1-Dichloroethene	2.092	2.156	-3.1	71	0.00	6.48
24	Freon 113	2.538	2.572	-1.3	73	0.00	6.86
25	Methylene Chloride	1.255	1.227	2.2	76	0.00	6.60
26	Carbon Disulfide	3.758	3.956	-5.3	72	0.00	6.91
27	Ethanol	0.692	0.634	8.4	76	0.00	5.24
28	Acrylonitrile	1.023	1.110	-8.5	72	0.00	6.14
29	3-Chloropropene	0.554	0.564	-1.8	70	0.00	6.72
30	trans-1,2-Dichloroethene	1.956	2.001	-2.3	69	0.00	7.56
31	tert-Butyl Alcohol	3.093	3.095	-0.1	67	0.00	6.51
32	Methyl tert-Butyl Ether	3.469	3.376	2.7	68	0.00	7.84
33	Vinyl Acetate	3.979	3.974	0.1	69	0.00	7.92
34	1,1-Dichloroethane	2.490	2.581	-3.7	71	0.00	7.77
35	2-Butanone	0.627	0.642	-2.4	68	0.00	8.19
36	Hexane	2.271	2.332	-2.7	74	0.00	8.90
37	cis-1,2-Dichloroethene	1.845	1.880	-1.9	69	0.00	8.66
38	Di-isopropyl Ether	5.389	5.788	-7.4	71	0.00	8.90
39	Ethyl Acetate	0.470	0.510	-8.5	70	0.00	8.91
40	Methyl Acrylate	2.705	2.863	-5.8	71	0.00	8.90
41	Chloroform	2.690	2.754	-2.4	71	0.00	8.99
42	2,4-Dimethylpentane	2.544	2.608	-2.5	70	0.00	9.89

Continuing Calibration Summary

Job Number: JB58146 **Sample:** V5W99-CC79
Account: CARICH C. A. Rich Consultants **Lab FileID:** 5W2456.D
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

43		Tetrahydrofuran	0.616	0.623	-1.1	67	0.00	9.46
44		1,1,1-Trichloroethane	2.526	2.558	-1.3	71	0.00	10.11
45		1,2-Dichloroethane	1.711	1.722	-0.6	68	-0.01	9.82
46		Benzene	3.992	3.943	1.2	69	0.00	10.65
47		Carbon Tetrachloride	2.432	2.561	-5.3	72	-0.01	10.82
48		Cyclohexane	2.195	2.206	-0.5	68	-0.01	10.97
49		2,3-Dimethylpentane	0.848	0.882	-4.0	68	0.00	11.26
50	I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00	11.07
51		2,2,4-Trimethylpentane	1.713	1.791	-4.6	71	-0.01	11.95
52		Heptane	0.308	0.321	-4.2	69	0.00	12.28
53		Trichloroethene	0.394	0.400	-1.5	69	0.00	11.91
54		1,2-Dichloropropane	0.398	0.421	-5.8	70	0.00	11.62
55		Dibromomethane	0.260	0.262	-0.8	68	0.00	11.59
56		Ethyl Acrylate	0.801	0.827	-3.2	68	0.00	11.64
57		Methyl Methacrylate	0.335	0.348	-3.9	66	0.00	12.17
58		1,4-Dioxane	0.217	0.208	4.1	68	0.00	11.92
59		Bromodichloromethane	0.688	0.712	-3.5	70	-0.01	11.86
60		cis-1,3-Dichloropropene	0.545	0.563	-3.3	68	0.00	12.98
61		4-Methyl-2-pentanone	0.843	0.889	-5.5	69	0.00	13.04
62		trans-1,3-Dichloropropene	0.485	0.492	-1.4	66	-0.01	13.65
63		Toluene	1.042	1.007	3.4	68	0.00	14.24
64		1,1,2-Trichloroethane	0.354	0.359	-1.4	68	0.00	13.88
65		2-Hexanone	0.446	0.456	-2.2	68	0.00	14.60
66		Ethyl Methacrylate	0.580	0.616	-6.2	68	0.00	14.62
67		Dibromochloromethane	0.564	0.586	-3.9	70	0.00	14.79
68		Tetrachloroethene	0.387	0.372	3.9	67	0.00	15.75
69		1,2-Dibromoethane	0.527	0.524	0.6	67	0.00	15.12
70		Octane	0.860	0.893	-3.8	70	-0.01	15.57
71		1,1,1,2-Tetrachloroethane	0.391	0.405	-3.6	71	0.00	16.67
72	I	Chlorobenzene-d5	1.000	1.000	0.0	69	-0.01	16.63
73		Chlorobenzene	1.215	1.206	0.7	69	-0.01	16.69
74		Ethylbenzene	2.156	2.102	2.5	66	0.00	17.23
75		m,p-Xylene	1.635	1.627	0.5	67	0.00	17.51
76		Styrene	1.117	1.118	-0.1	66	0.00	18.03
77		Nonane	1.445	1.558	-7.8	71	0.00	18.55
78		o-Xylene	1.654	1.671	-1.0	68	0.00	18.19
79		Bromoform	0.789	0.824	-4.4	68	0.00	17.59
80		1,1,2,2-Tetrachloroethane	1.371	1.439	-5.0	70	0.00	18.18
81		1,2,3-Trichloropropane	1.052	1.066	-1.3	68	0.00	18.37
82		Isopropylbenzene	2.176	2.150	1.2	67	0.00	19.08
83		Bromobenzene	0.565	0.558	1.2	66	0.00	19.19
84		2-Chlorotoluene	0.486	0.492	-1.2	68	0.00	19.74
85		n-Propylbenzene	0.514	0.538	-4.7	68	0.00	19.80
86	S	4-Bromofluorobenzene	1.260	1.241	1.5	68	0.00	18.87
87		4-Ethyltoluene	1.912	1.942	-1.6	67	0.00	20.01
88		1,3,5-Trimethylbenzene	1.656	1.671	-0.9	67	0.00	20.12
89		alpha-Methylstyrene	0.762	0.787	-3.3	66	0.00	20.33
90		tert-Butylbenzene	0.314	0.331	-5.4	68	0.00	20.65
91		1,2,4-Trimethylbenzene	1.613	1.688	-4.6	68	0.00	20.67
92		1,3-Dichlorobenzene	0.952	0.946	0.6	67	0.00	20.86
93		Benzyl Chloride	1.462	1.593	-9.0	66	0.00	20.84
94		1,4-Dichlorobenzene	0.922	0.928	-0.7	67	0.00	20.95
95		sec-Butylbenzene	0.400	0.412	-3.0	66	0.00	21.01
96		p-Isopropyltoluene	0.435	0.462	-6.2	69	0.00	21.23
97		1,2-Dichlorobenzene	0.889	0.888	0.1	67	0.00	21.39
98		n-Butylbenzene	0.372	0.413	-11.0	68	0.00	21.77
99		Hexachloroethane	0.492	0.503	-2.2	66	0.00	22.24
100		1,2,4-Trichlorobenzene	0.493	0.517	-4.9	62	0.00	23.52

Continuing Calibration Summary

Job Number: JB58146
Account: CARICH C. A. Rich Consultants
Project: Whipple Apartments, Whipple Street, Brooklyn, NY

Sample: V5W99-CC79
Lab FileID: 5W2456.D

101		Naphthalene	1.197	1.225	-2.3	61	0.00	23.65
102		Hexachlorobutadiene	0.499	0.504	-1.0	65	0.00	24.10
103	I	Bromochloromethane (A)	1.000	1.000	0.0	72	0.00	8.85
104		TVHC as equiv Pentane	6.111	6.502	-6.4	73	0.00	6.20

(#) = Out of Range SPCC's out = 0 CCC's out = 0

5w1966.D m5w79.M Mon Jan 20 16:47:45 2014 GCMS5W

New Jersey ACCUTEST LABORATORIES

GC/MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2475.D
Acq On : 19 Jan 2014 12:38 am
Operator : MIKEL1
Sample : JB58146-1
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 16:20:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

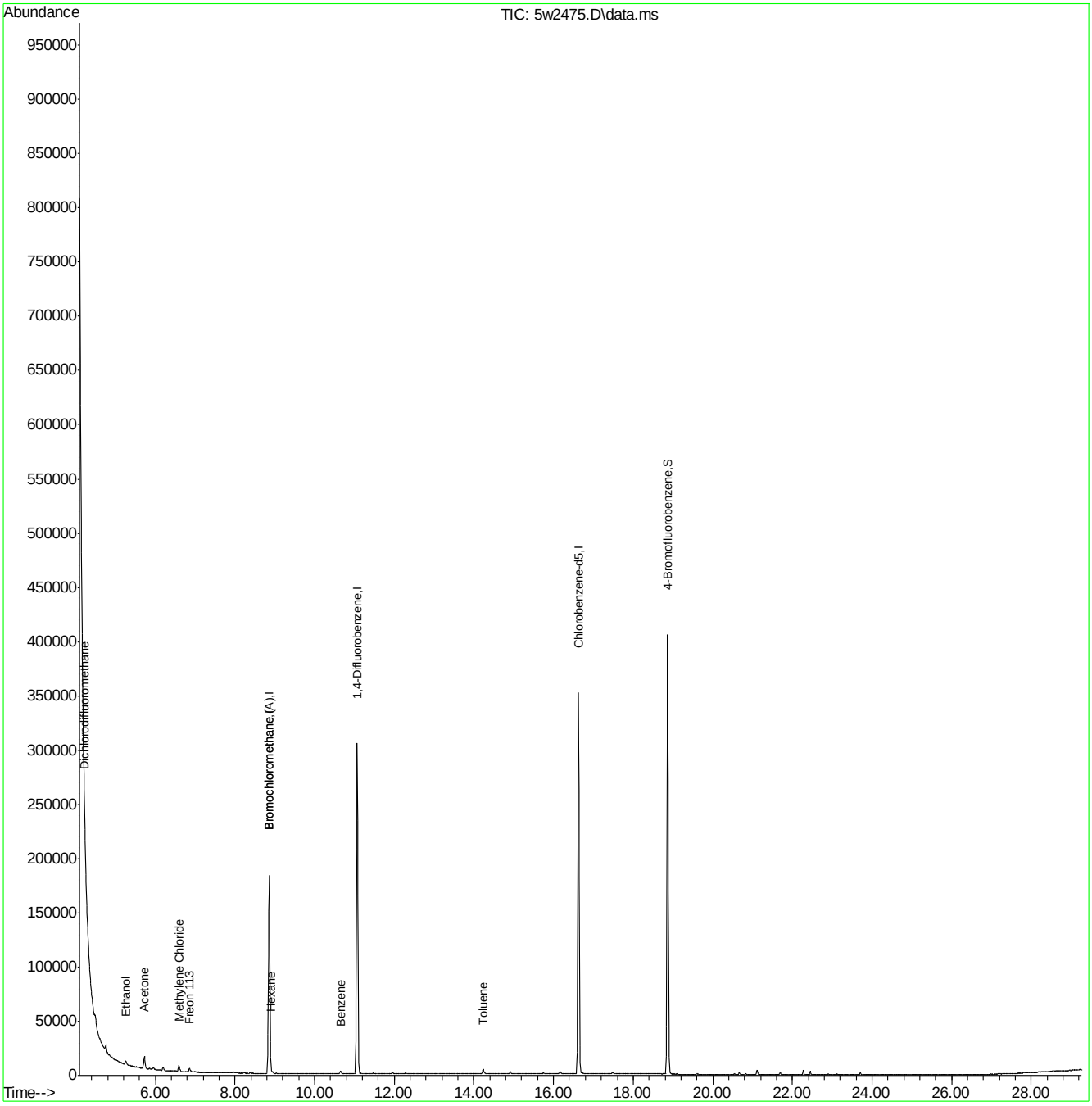
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	68971	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	286334	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	157727	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.859	130	68971	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	197086	9.92	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.20%			
Target Compounds						Qvalue
5) Dichlorodifluoromethane	4.221	85	2778	0.13	ppb(v#	92
19) Acetone	5.720	43	13050	0.77	ppb(v#	83
24) Freon 113	6.858	101	2518	0.14	ppb(v#	80
25) Methylene Chloride	6.589	84	3335	0.39	ppb(v#	68
27) Ethanol	5.255	45	6956	1.46	ppb(v#	88
36) Hexane	8.895	57	1784	0.11	ppb(v#	1
46) Benzene	10.651	78	2738	0.10	ppb(v	97
63) Toluene	14.236	91	4575	0.15	ppb(v	96

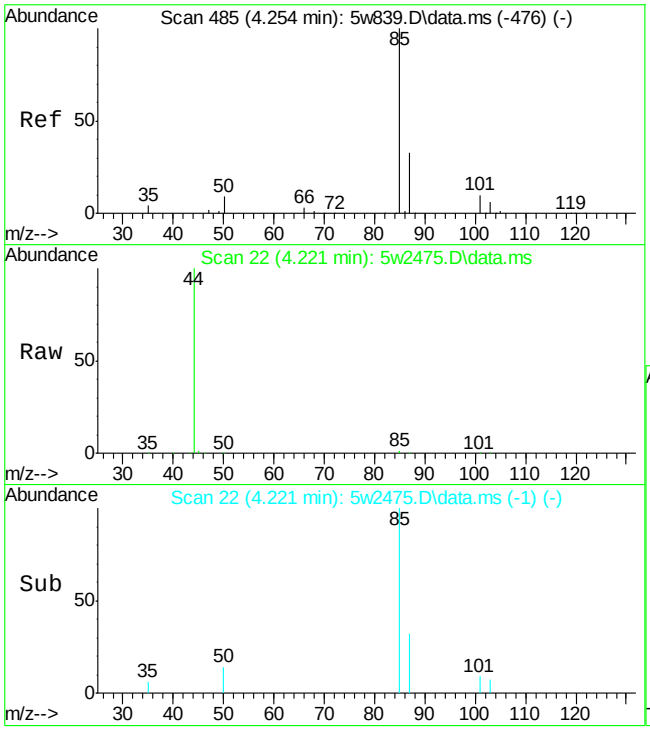
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2475.D
Acq On : 19 Jan 2014 12:38 am
Operator : MIKEL1
Sample : JB58146-1
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 16:20:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

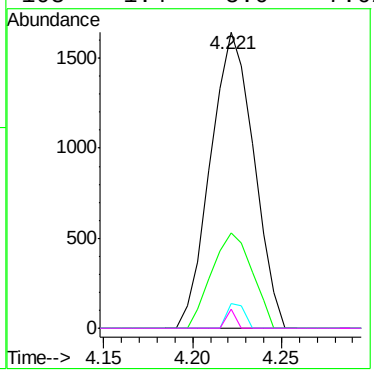


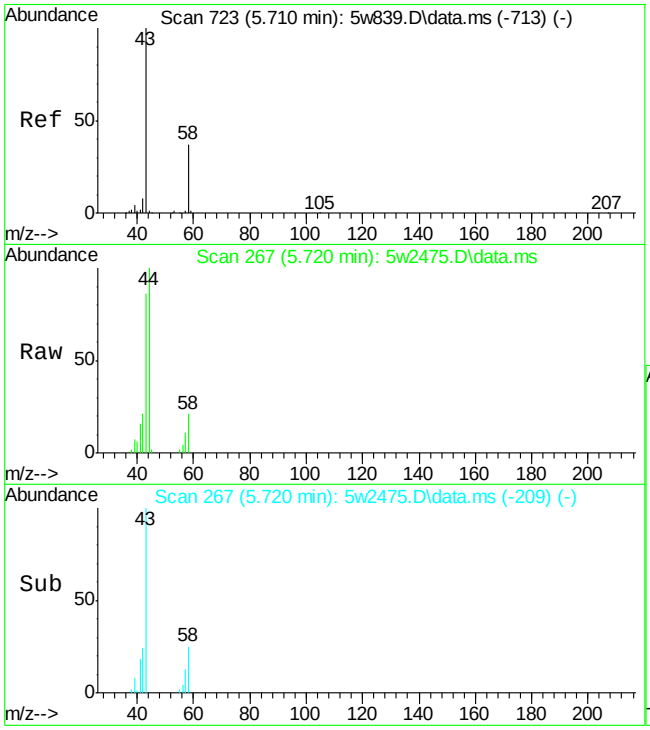


#5
Dichlorodifluoromethane
Concen: 0.13 ppb(v)
RT: 4.221 min Scan# 22
Delta R.T. -0.018 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 85 Resp: 2778

Ion	Ratio	Lower	Upper
85	100		
87	30.3	26.3	39.5
101	3.5	7.7	11.5#
103	1.4	5.0	7.6#

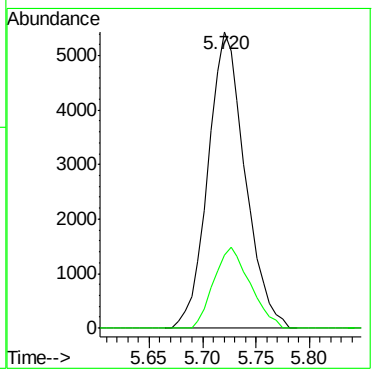


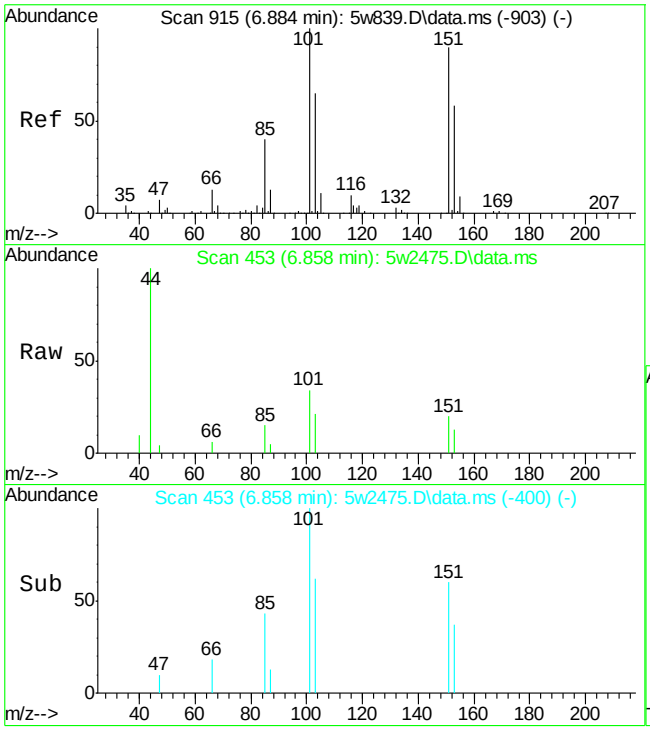


#19
Acetone
Concen: 0.77 ppb(v)
RT: 5.720 min Scan# 267
Delta R.T. 0.024 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 43 Resp: 13050

Ion	Ratio	Lower	Upper
43	100		
58	26.8	29.4	44.0#

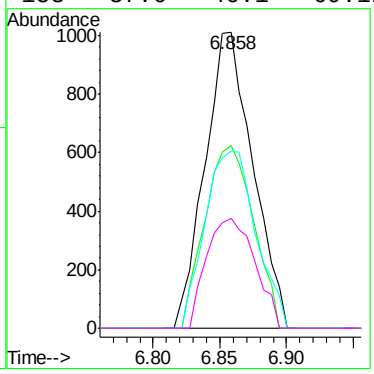


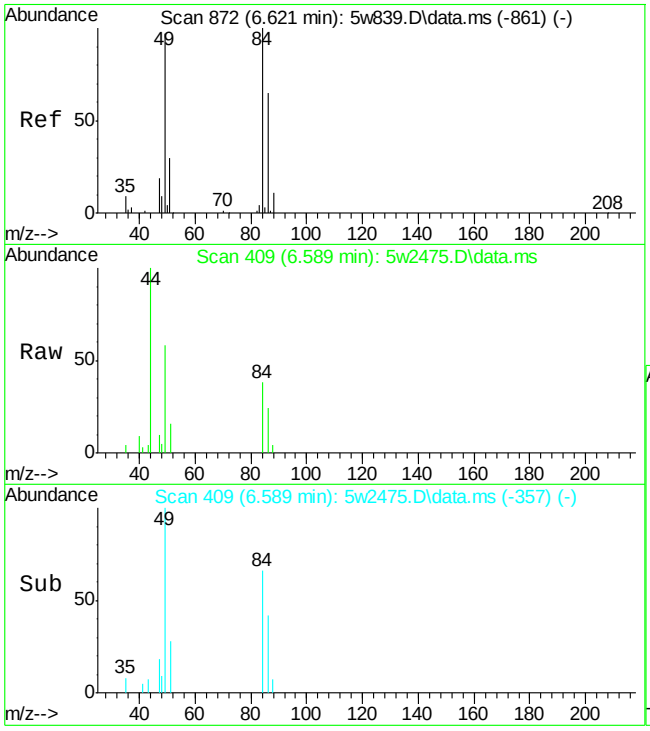


#24
Freon 113
Concen: 0.14 ppb(v)
RT: 6.858 min Scan# 453
Delta R.T. -0.006 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion:101 Resp: 2518

Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.0	78.0
151	63.9	71.6	107.4#
153	37.6	46.1	69.1#

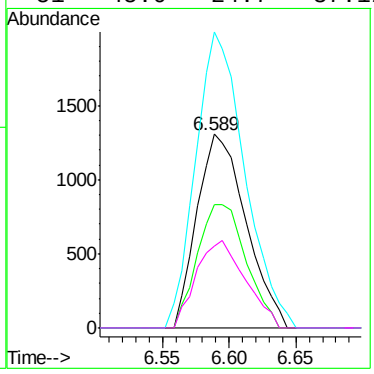


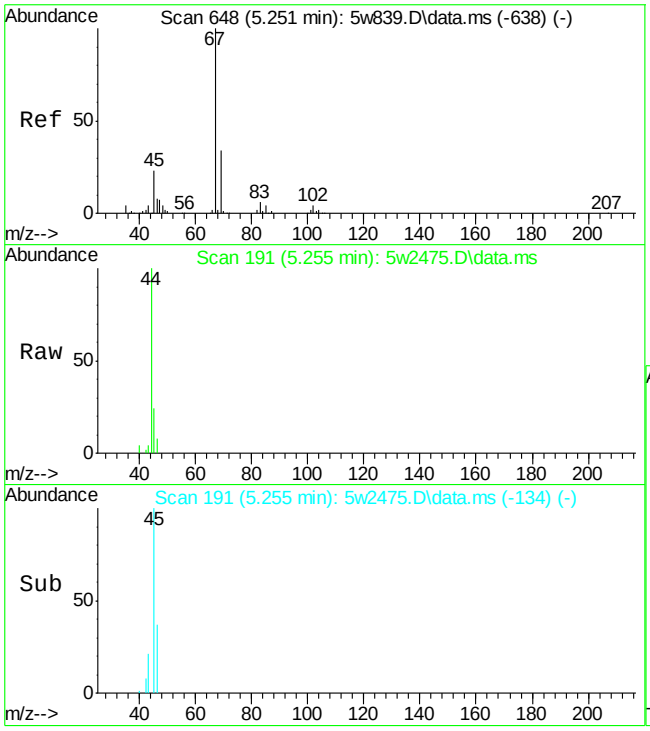


#25
Methylene Chloride
Concen: 0.39 ppb(v)
RT: 6.589 min Scan# 409
Delta R.T. -0.012 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 84 Resp: 3335

Ion	Ratio	Lower	Upper
84	100		
86	63.1	51.7	77.5
49	152.7	78.8	118.2#
51	45.0	24.7	37.1#

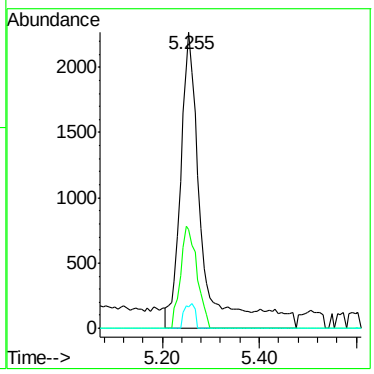


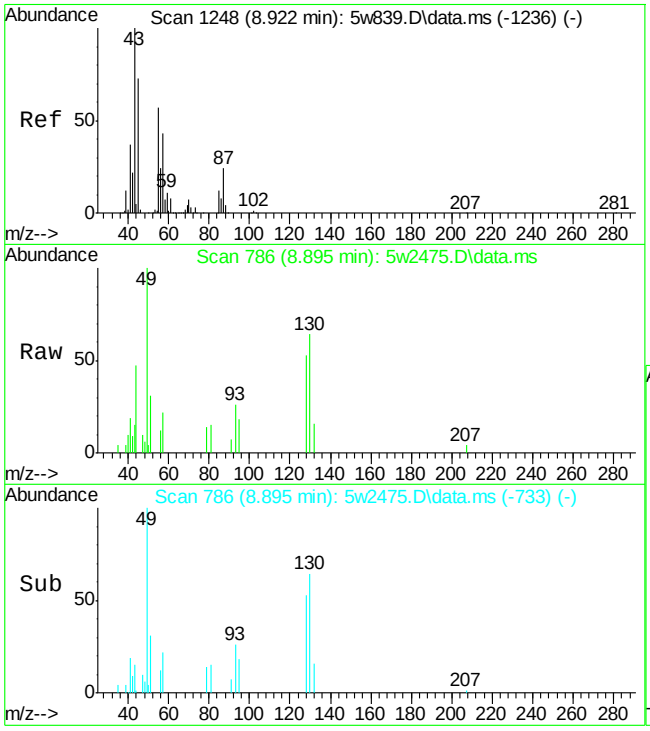


#27
Ethanol
Concen: 1.46 ppb(v)
RT: 5.255 min Scan# 191
Delta R.T. 0.018 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 45 Resp: 6956

Ion	Ratio	Lower	Upper
45	100		
46	26.8	26.8	40.2
42	4.2	7.4	11.2#

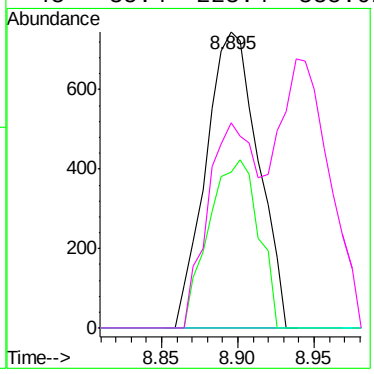


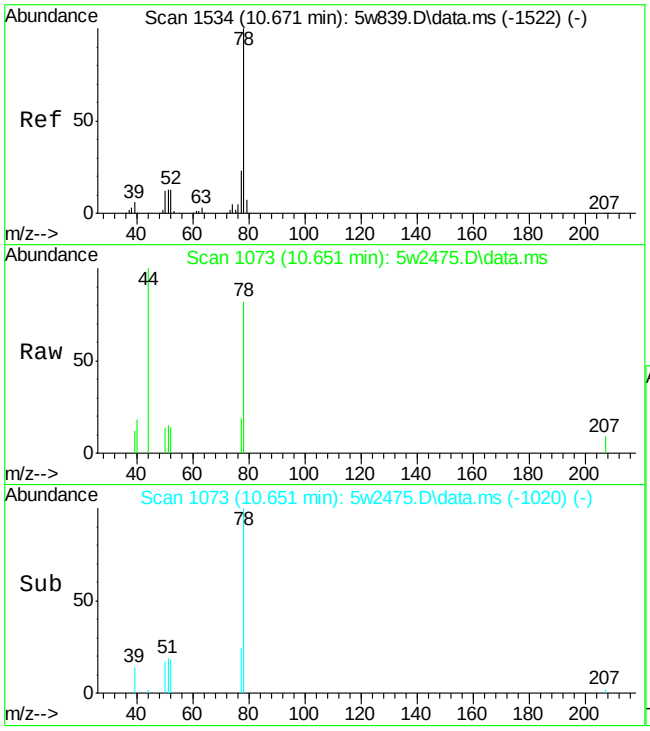


#36
Hexane
Concen: 0.11 ppb(v)
RT: 8.895 min Scan# 786
Delta R.T. -0.006 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 57 Resp: 1784

Ion	Ratio	Lower	Upper
57	100		
56	53.9	43.9	65.9
86	0.0	14.6	21.8#
43	35.4	223.4	335.0#

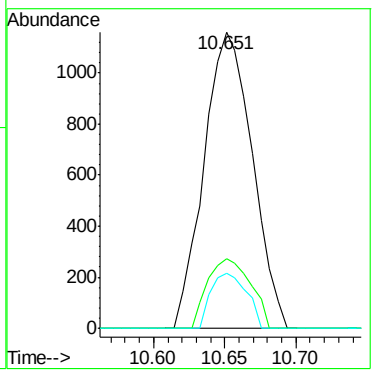


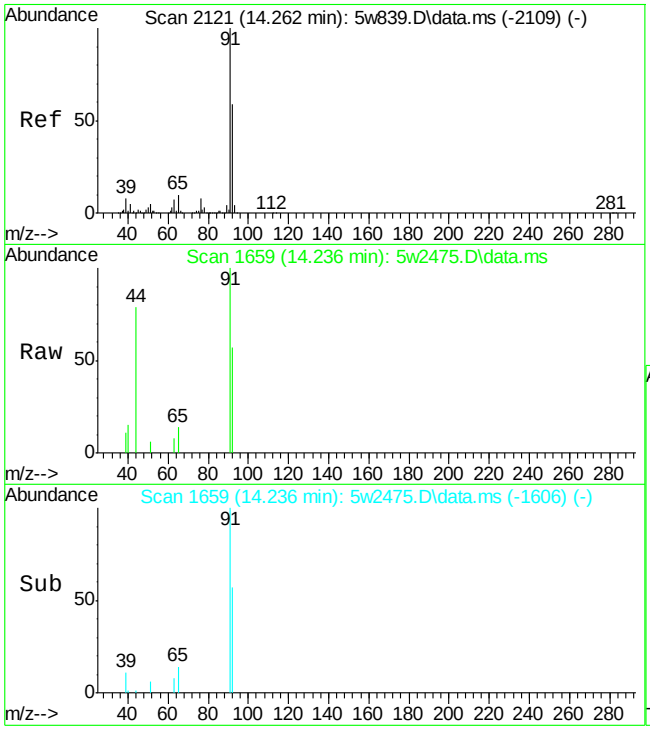


#46
Benzene
Concen: 0.10 ppb(v)
RT: 10.651 min Scan# 1073
Delta R.T. -0.006 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 78 Resp: 2738

Ion	Ratio	Lower	Upper
78	100		
77	21.0	18.7	28.1
51	13.6	10.6	16.0

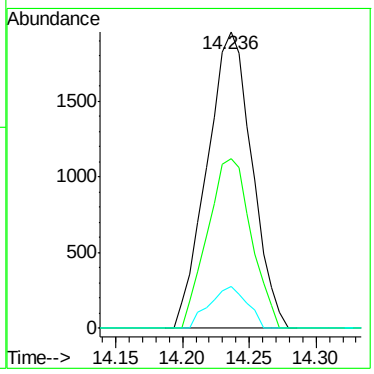




#63
Toluene
Concen: 0.15 ppb(v)
RT: 14.236 min Scan# 1659
Delta R.T. -0.006 min
Lab File: 5w2475.D
Acq: 19 Jan 2014 12:38 am

Tgt Ion: 91 Resp: 4575

Ion	Ratio	Lower	Upper
91	100		
92	55.7	47.2	70.8
65	11.7	9.0	13.6



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 01/21/14 17:17

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2476.D
Acq On : 19 Jan 2014 1:22 am
Operator : MIKEL1
Sample : JB58146-2
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 16:22:05 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

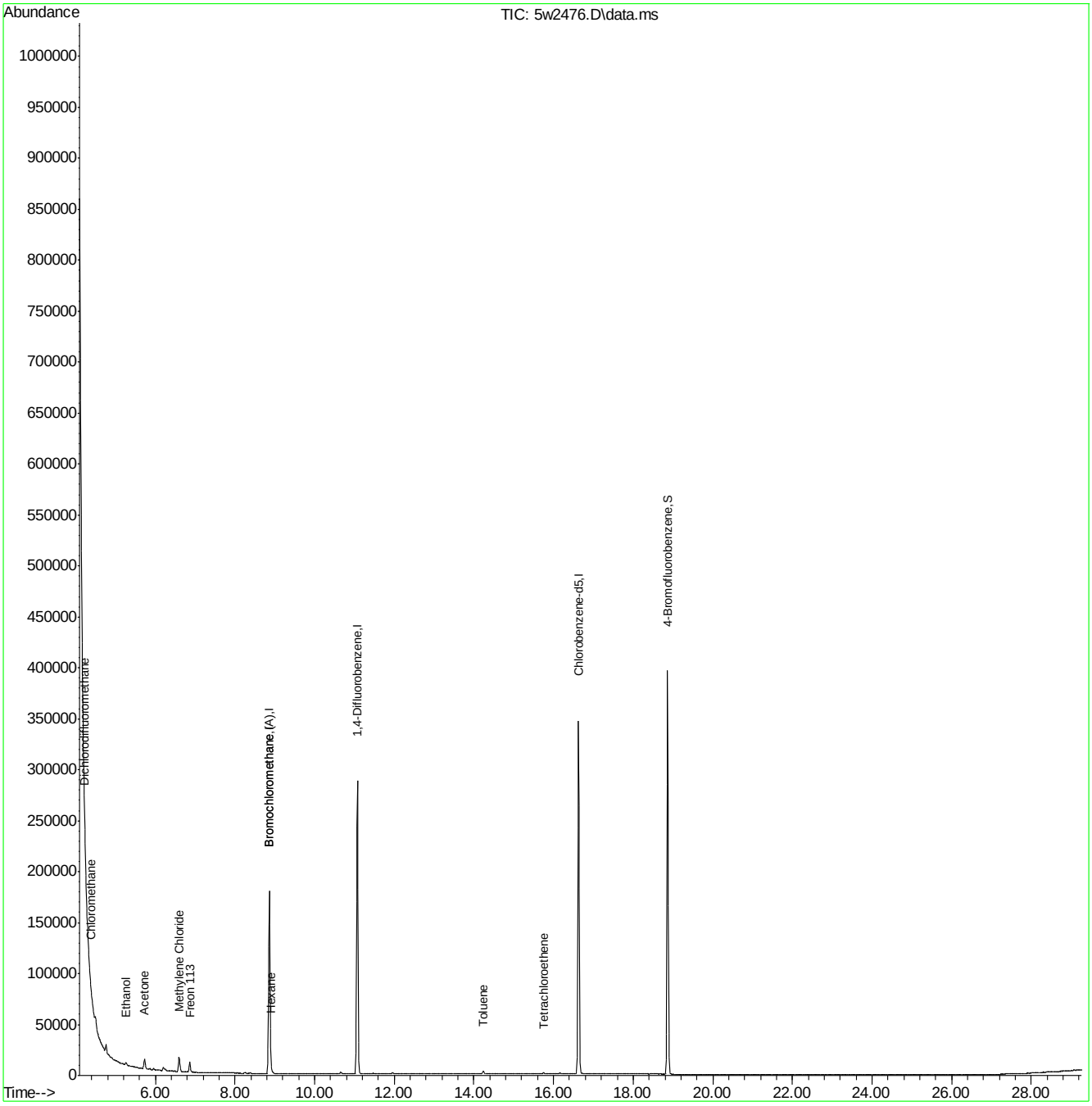
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	66724	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	271360	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	152068	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.859	130	66724	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	189690	9.90	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.00%			
Target Compounds						Qvalue
5) Dichlorodifluoromethane	4.228	85	2777	0.14	ppb(v#	92
6) Chloromethane	4.374	50	1208	0.15	ppb(v	90
19) Acetone	5.726	43	11422	0.70	ppb(v#	82
24) Freon 113	6.864	101	6167	0.36	ppb(v#	81
25) Methylene Chloride	6.595	84	8197	0.98	ppb(v#	69
27) Ethanol	5.261	45	3977m	0.86	ppb(v	
36) Hexane	8.902	57	4251	0.28	ppb(v#	20
63) Toluene	14.236	91	3101	0.11	ppb(v	100
68) Tetrachloroethene	15.747	166	476	0.05	ppb(v#	78

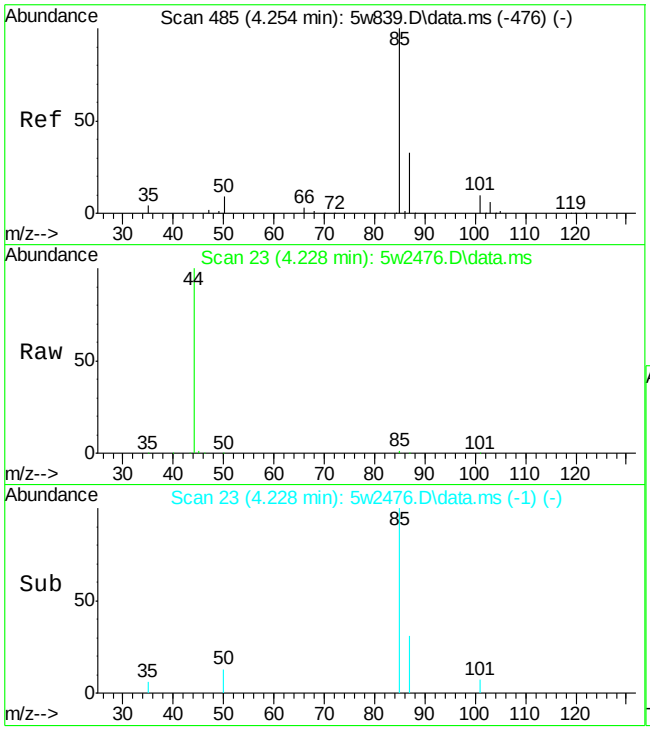
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2476.D
Acq On : 19 Jan 2014 1:22 am
Operator : MIKEL1
Sample : JB58146-2
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 16:22:05 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

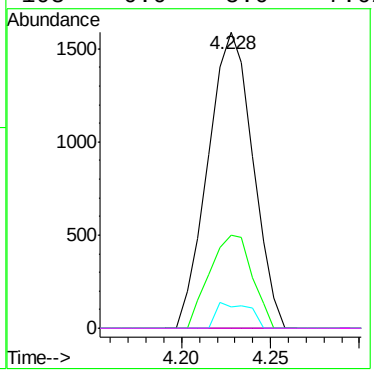


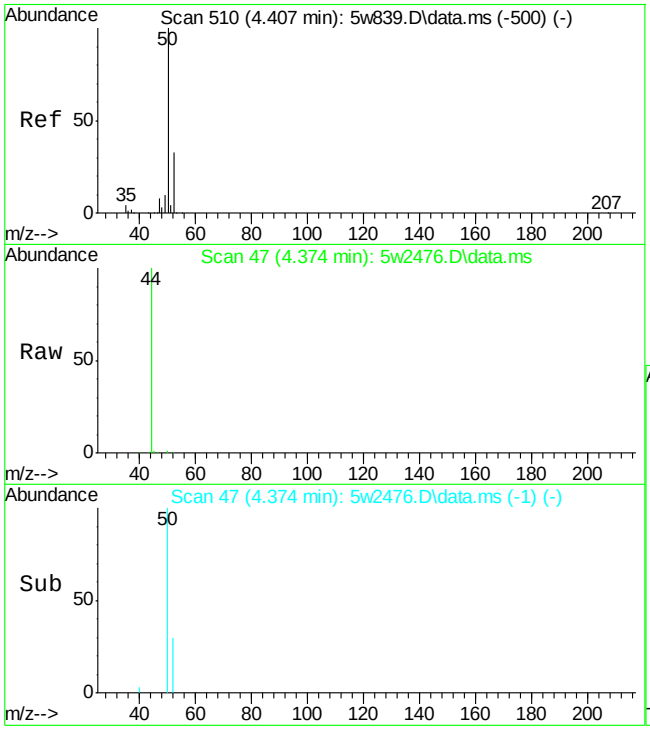


#5
Dichlorodifluoromethane
Concen: 0.14 ppb(v)
RT: 4.228 min Scan# 23
Delta R.T. -0.012 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 85 Resp: 2777

Ion	Ratio	Lower	Upper
85	100		
87	29.9	26.3	39.5
101	6.4	7.7	11.5#
103	0.0	5.0	7.6#

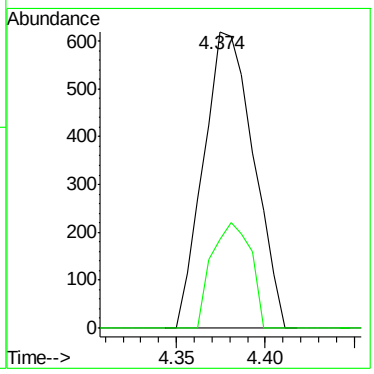


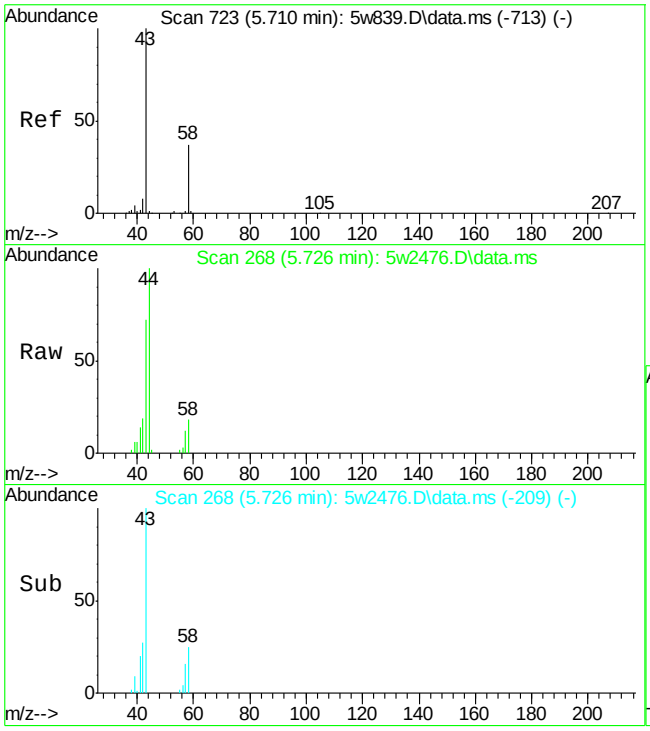


#6
Chloromethane
Concen: 0.15 ppb(v)
RT: 4.374 min Scan# 47
Delta R.T. -0.018 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 50 Resp: 1208

Ion	Ratio	Lower	Upper
50	100		
52	27.5	26.6	39.8

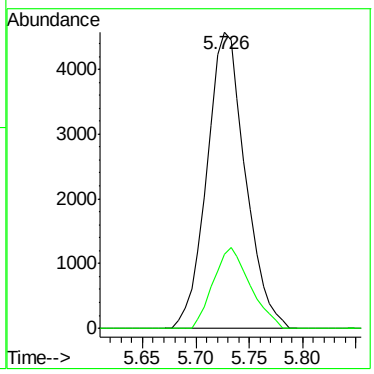


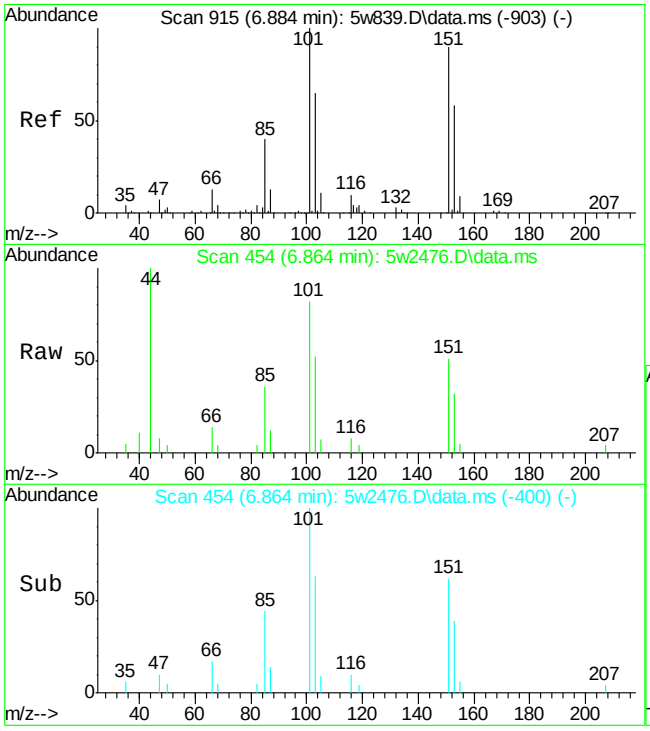


#19
Acetone
Concen: 0.70 ppb(v)
RT: 5.726 min Scan# 268
Delta R.T. 0.031 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 43 Resp: 11422

Ion	Ratio	Lower	Upper
43	100		
58	26.2	29.4	44.0#

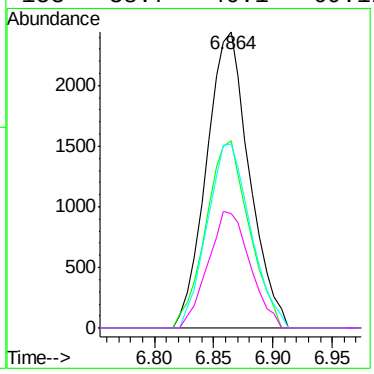


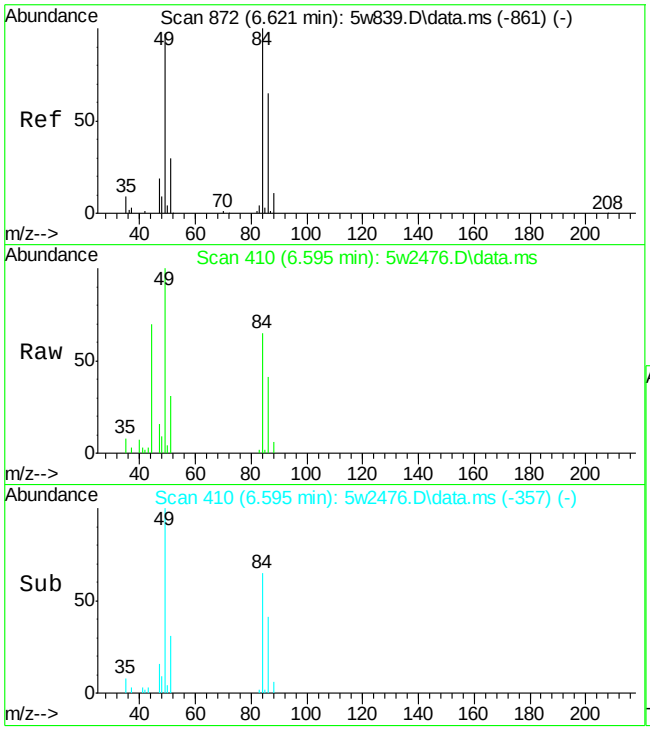


#24
Freon 113
Concen: 0.36 ppb(v)
RT: 6.864 min Scan# 454
Delta R.T. 0.000 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion:101 Resp: 6167

Ion	Ratio	Lower	Upper
101	100		
103	63.5	52.0	78.0
151	63.2	71.6	107.4#
153	38.7	46.1	69.1#

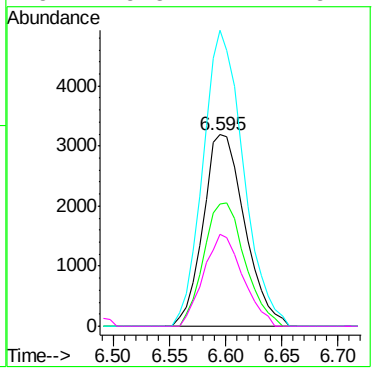


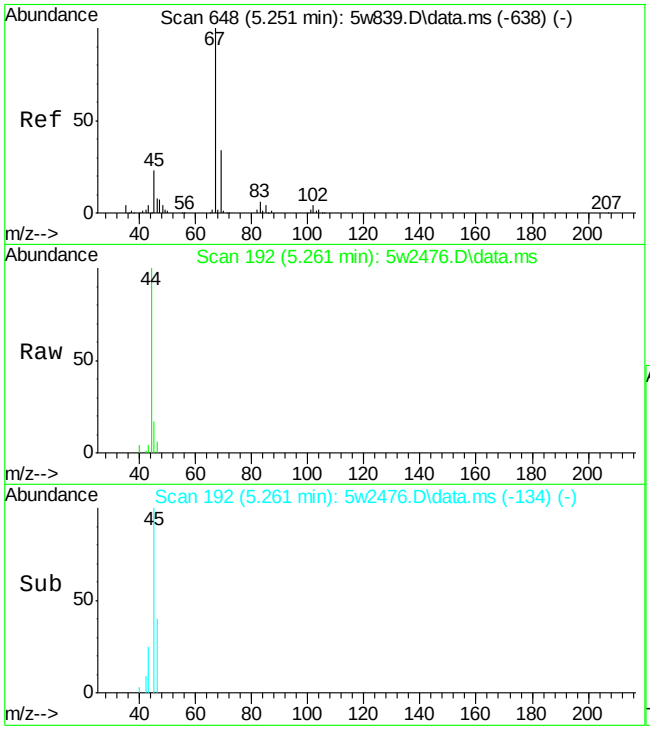


#25
Methylene Chloride
Concen: 0.98 ppb(v)
RT: 6.595 min Scan# 410
Delta R.T. -0.006 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 84 Resp: 8197

Ion	Ratio	Lower	Upper
84	100		
86	63.8	51.7	77.5
49	150.1	78.8	118.2#
51	45.3	24.7	37.1#

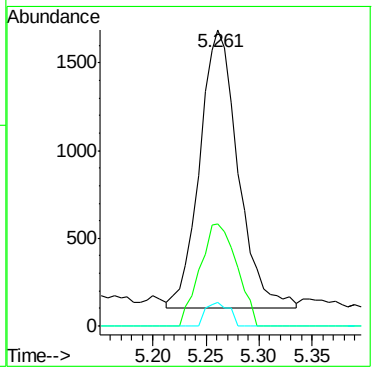


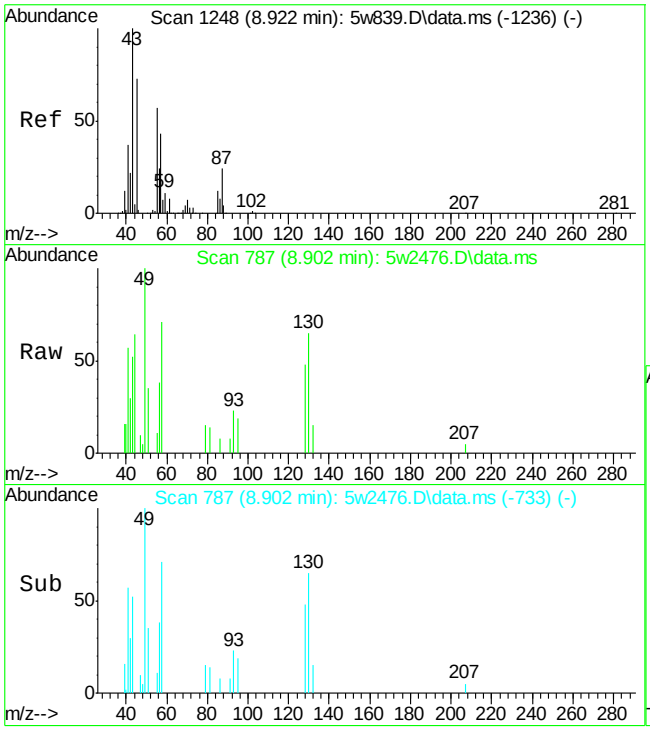


#27
Ethanol
Concen: 0.86 ppb(v) m
RT: 5.261 min Scan# 192
Delta R.T. 0.024 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 45 Resp: 3977

Ion	Ratio	Lower	Upper
45	100		
46	0.0	26.8	40.2#
42	0.0	7.4	11.2#

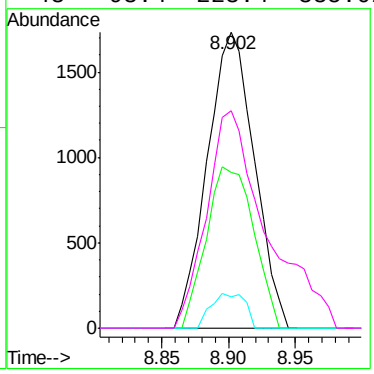


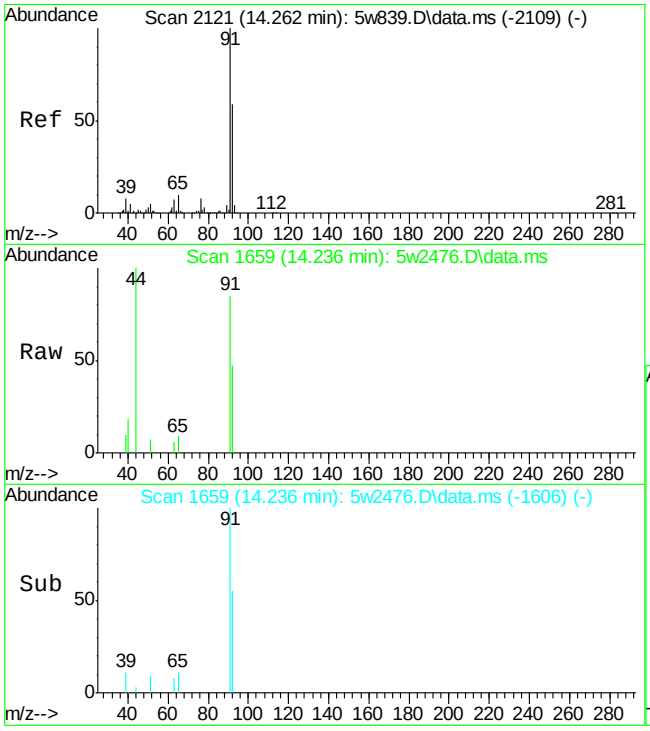


#36
Hexane
Concen: 0.28 ppb(v)
RT: 8.902 min Scan# 787
Delta R.T. 0.000 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 57 Resp: 4251

Ion	Ratio	Lower	Upper
57	100		
56	55.0	43.9	65.9
86	8.5	14.6	21.8#
43	93.4	223.4	335.0#

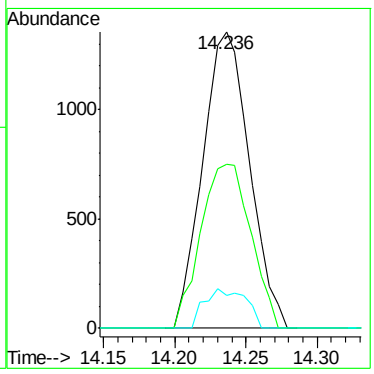


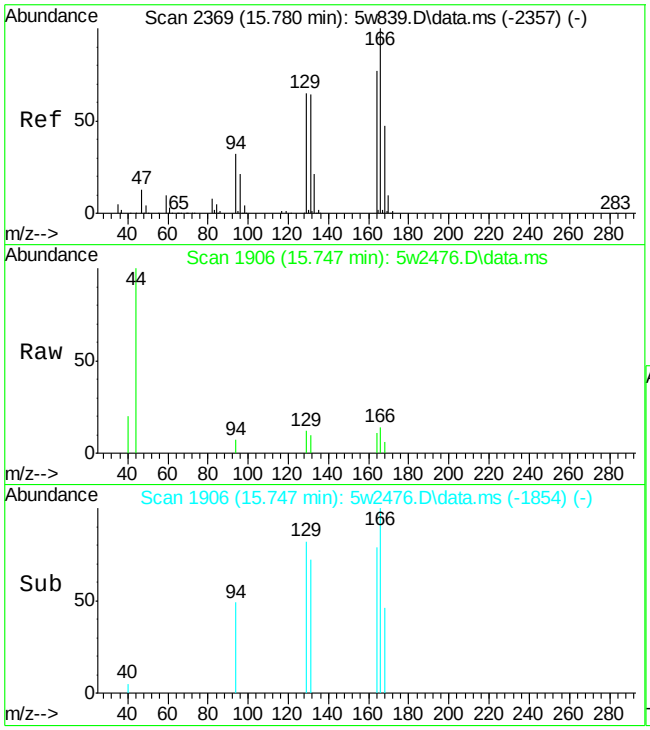


#63
Toluene
Concen: 0.11 ppb(v)
RT: 14.236 min Scan# 1659
Delta R.T. -0.006 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion: 91 Resp: 3101

Ion	Ratio	Lower	Upper
91	100		
92	58.9	47.2	70.8
65	11.6	9.0	13.6

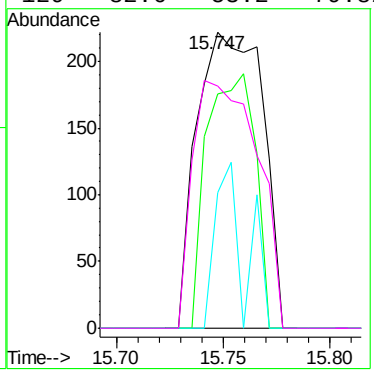




#68
Tetrachloroethene
Concen: 0.05 ppb(v)
RT: 15.747 min Scan# 1906
Delta R.T. -0.012 min
Lab File: 5w2476.D
Acq: 19 Jan 2014 1:22 am

Tgt Ion:166 Resp: 476

Ion	Ratio	Lower	Upper
166	100		
164	63.2	62.2	93.4
168	25.2	38.3	57.5#
129	82.6	53.2	79.8#



Manual Integration Approval Summary

Sample Number: JB58146-2
Lab FileID: 5W2476.D
Injection Time: 01/19/14 01:22

Method: TO-15
Analyst approved: 01/20/14 17:27 Youmin Hu
Supervisor approved: 01/21/14 17:17 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethanol	64-17-5		5.26	Poor instrument integration

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2477.D
Acq On : 19 Jan 2014 2:06 am
Operator : MIKEL1
Sample : JB58146-3
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 20 16:23:17 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

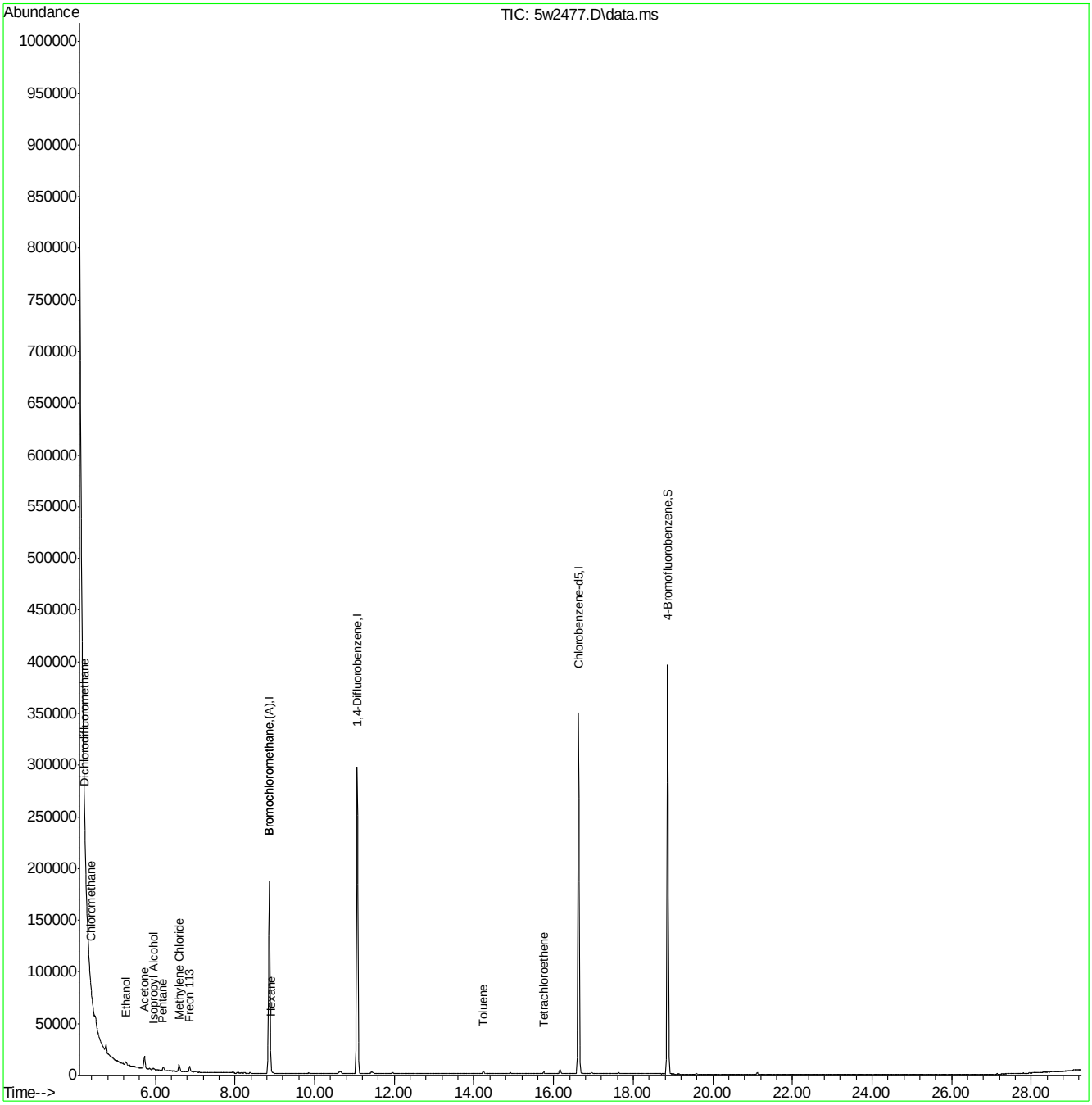
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.858	130	68958	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	281658	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	153419	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.858	130	68958	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	190152	9.84	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 98.40%			
Target Compounds						Qvalue
5) Dichlorodifluoromethane	4.227	85	2729	0.13	ppb(v#	93
6) Chloromethane	4.380	50	1190	0.14	ppb(v	92
19) Acetone	5.726	43	13725	0.81	ppb(v#	81
20) Pentane	6.191	57	262	0.12	ppb(v#	1
22) Isopropyl Alcohol	5.946	45	2977	0.15	ppb(v#	95
24) Freon 113	6.858	101	3530	0.20	ppb(v#	80
25) Methylene Chloride	6.595	84	3969	0.46	ppb(v#	68
27) Ethanol	5.261	45	6902	1.45	ppb(v#	86
36) Hexane	8.901	57	2338	0.15	ppb(v#	23
63) Toluene	14.236	91	3031	0.10	ppb(v	92
68) Tetrachloroethene	15.753	166	540	0.05	ppb(v#	84

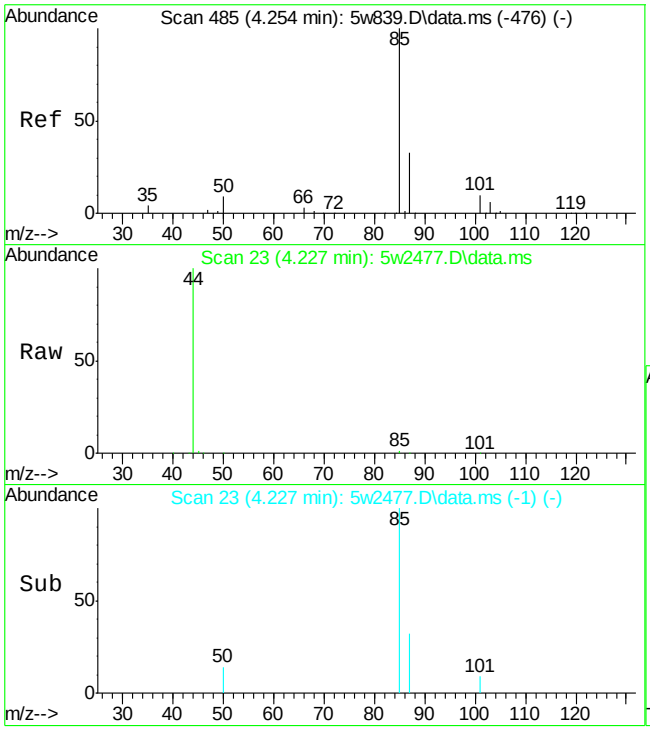
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2477.D
Acq On : 19 Jan 2014 2:06 am
Operator : MIKEL1
Sample : JB58146-3
Misc : ms61597,v5w99,100,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 20 16:23:17 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

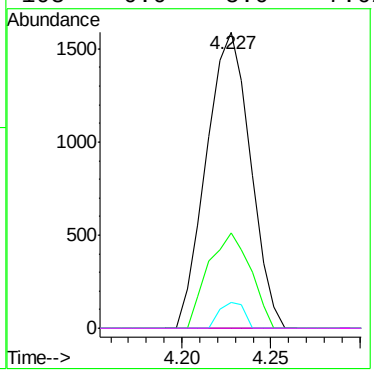


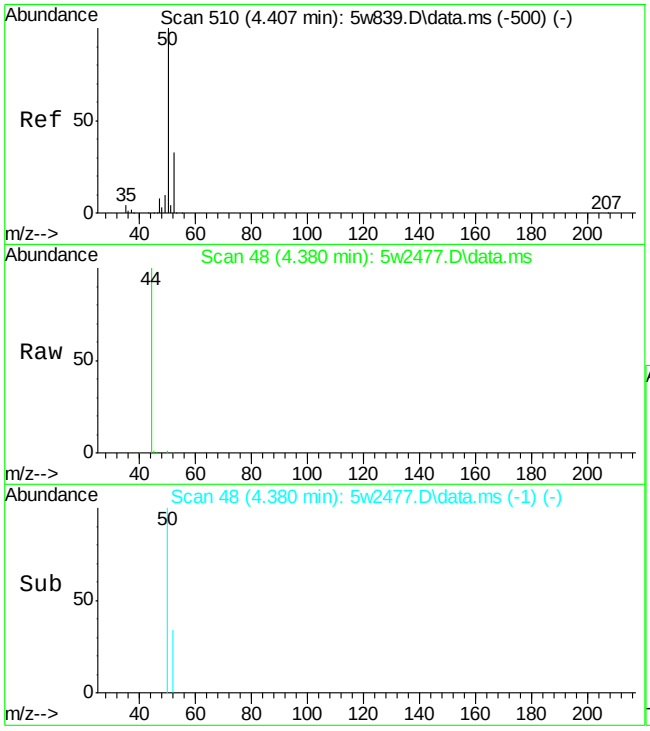


#5
Dichlorodifluoromethane
Concen: 0.13 ppb(v)
RT: 4.227 min Scan# 23
Delta R.T. -0.012 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 85 Resp: 2729

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.3	39.5
101	4.9	7.7	11.5#
103	0.0	5.0	7.6#

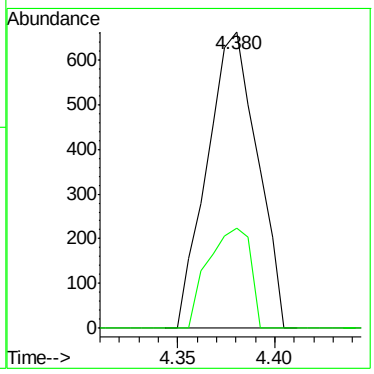


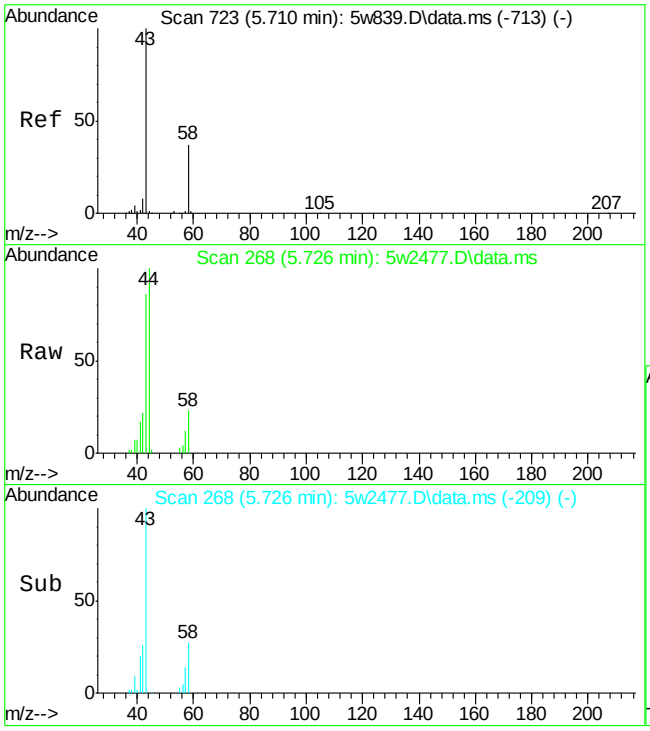


#6
Chloromethane
Concen: 0.14 ppb(v)
RT: 4.380 min Scan# 48
Delta R.T. -0.012 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 50 Resp: 1190

Ion	Ratio	Lower	Upper
50	100		
52	28.6	26.6	39.8

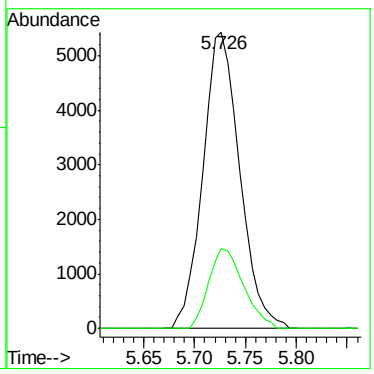


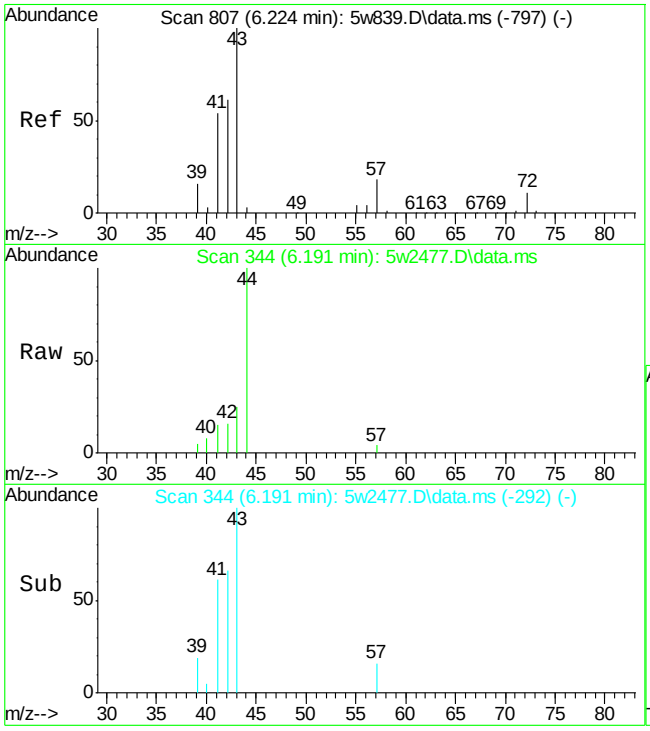


#19
Acetone
Concen: 0.81 ppb(v)
RT: 5.726 min Scan# 268
Delta R.T. 0.030 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 43 Resp: 13725

Ion	Ratio	Lower	Upper
43	100		
58	25.5	29.4	44.0#

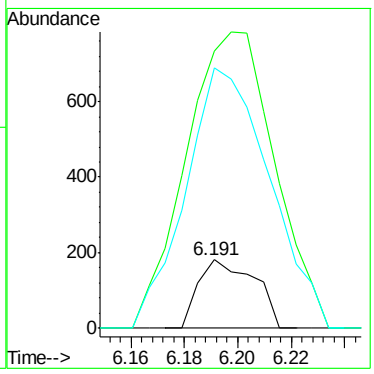


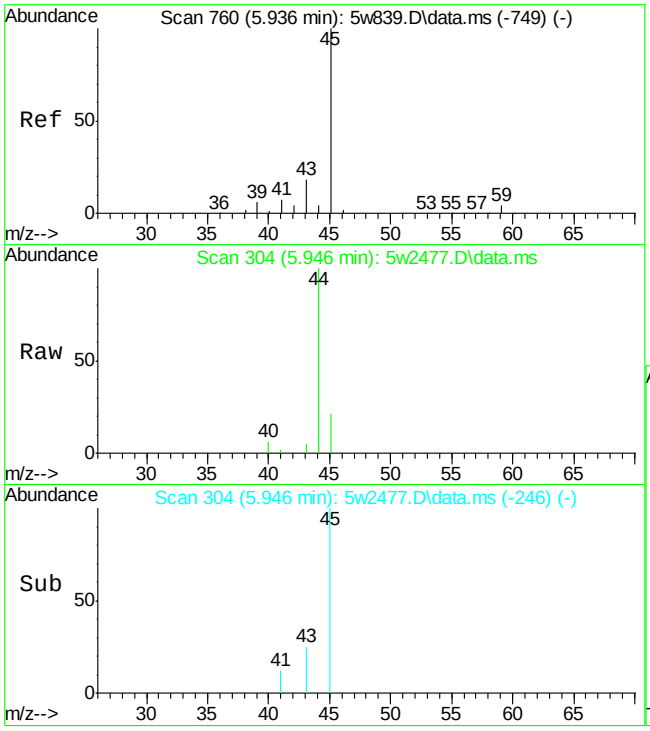


#20
Pentane
Concen: 0.12 ppb(v)
RT: 6.191 min Scan# 344
Delta R.T. -0.012 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 57 Resp: 262

Ion	Ratio	Lower	Upper
57	100		
42	691.2	277.7	416.5#
41	574.4	249.3	373.9#

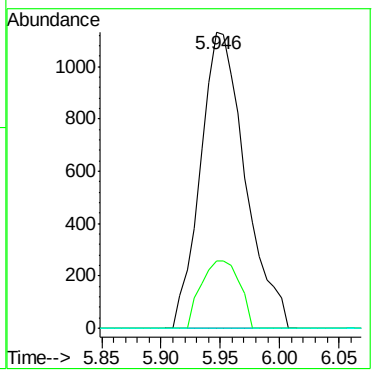


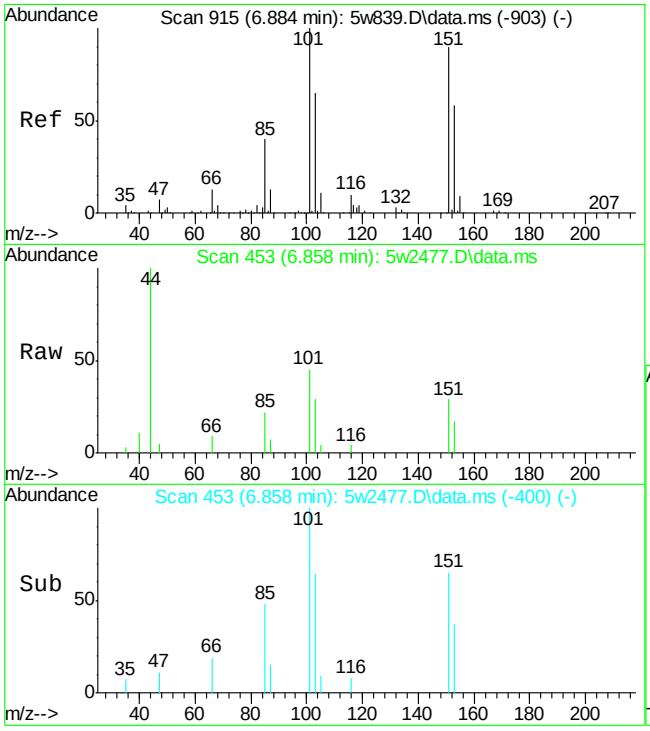


#22
Isopropyl Alcohol
Concen: 0.15 ppb(v)
RT: 5.946 min Scan# 304
Delta R.T. 0.024 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 45 Resp: 2977

Ion	Ratio	Lower	Upper
45	100		
43	19.6	14.6	22.0
59	0.0	3.5	5.3#

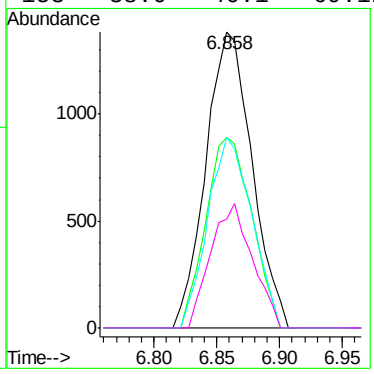


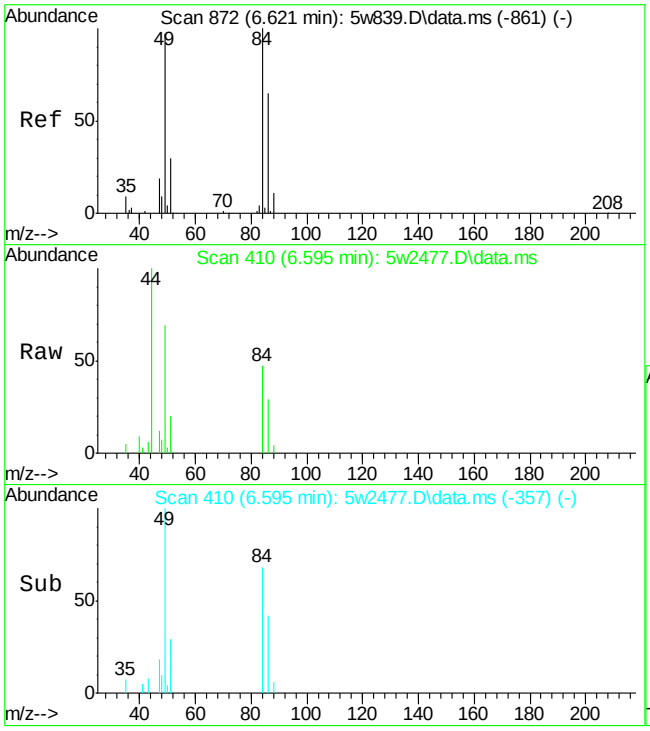


#24
Freon 113
Concen: 0.20 ppb(v)
RT: 6.858 min Scan# 453
Delta R.T. -0.006 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion:101 Resp: 3530

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.0	78.0
151	61.5	71.6	107.4#
153	38.0	46.1	69.1#

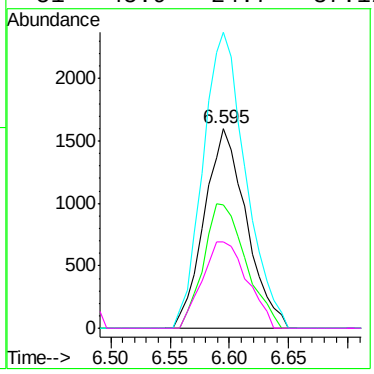


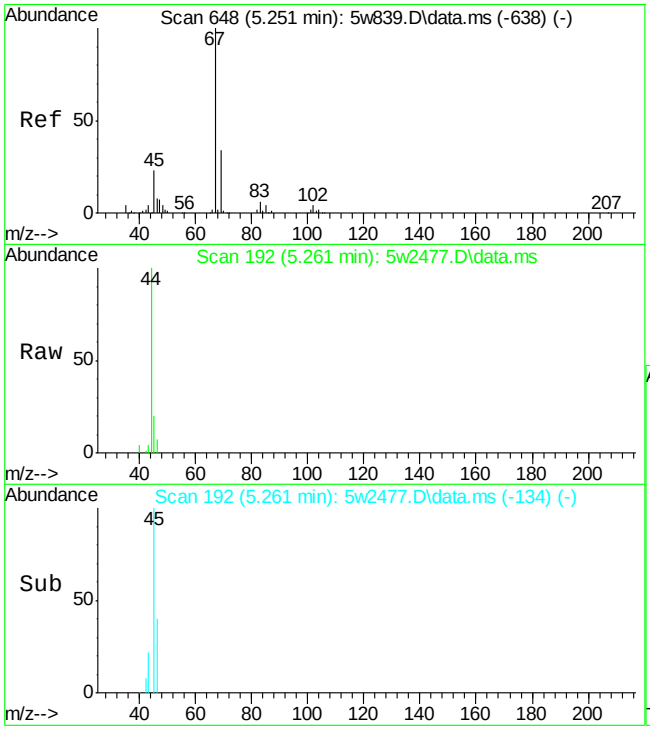


#25
Methylene Chloride
Concen: 0.46 ppb(v)
RT: 6.595 min Scan# 410
Delta R.T. -0.006 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 84 Resp: 3969

Ion	Ratio	Lower	Upper
84	100		
86	62.2	51.7	77.5
49	149.9	78.8	118.2#
51	45.9	24.7	37.1#

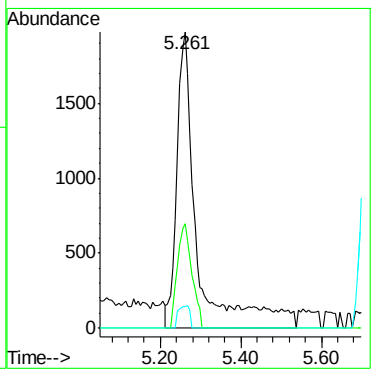


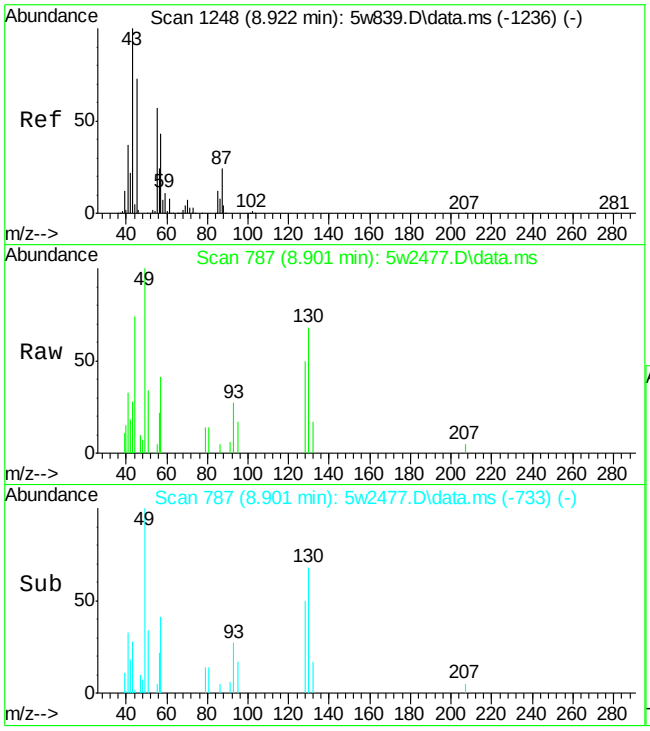


#27
Ethanol
Concen: 1.45 ppb(v)
RT: 5.261 min Scan# 192
Delta R.T. 0.024 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 45 Resp: 6902

Ion	Ratio	Lower	Upper
45	100		
46	25.2	26.8	40.2#
42	4.2	7.4	11.2#

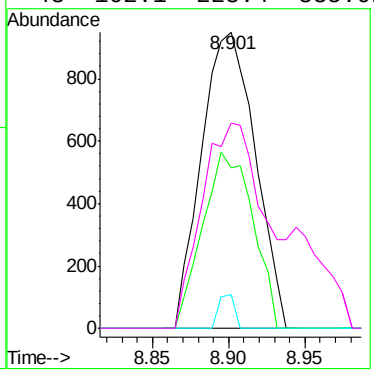


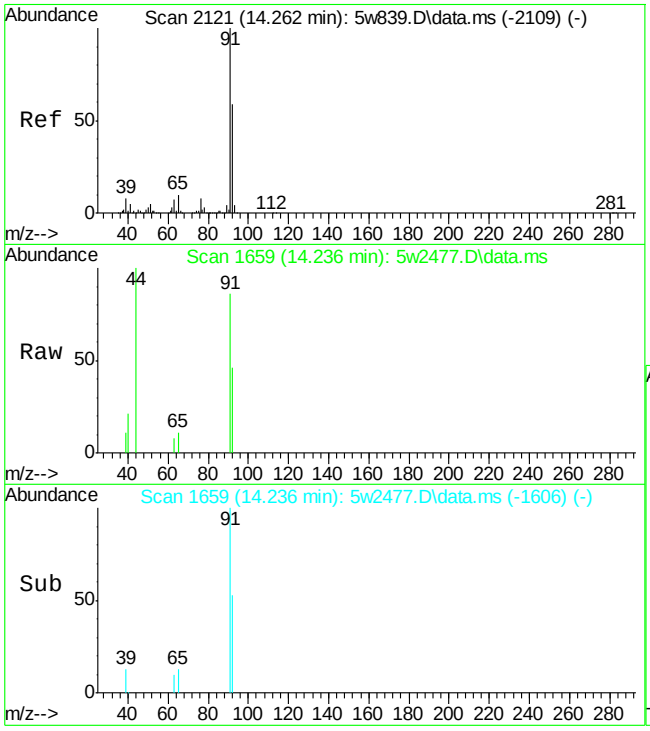


#36
Hexane
Concen: 0.15 ppb(v)
RT: 8.901 min Scan# 787
Delta R.T. -0.000 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 57 Resp: 2338

Ion	Ratio	Lower	Upper
57	100		
56	55.6	43.9	65.9
86	3.3	14.6	21.8#
43	102.1	223.4	335.0#

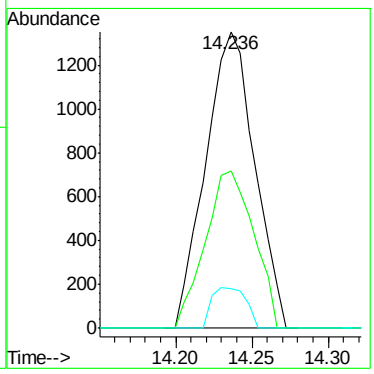


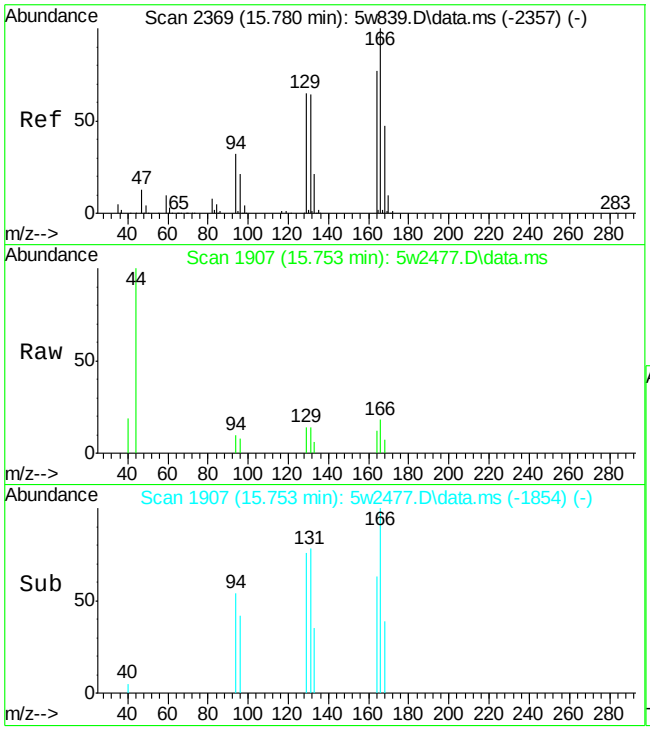


#63
Toluene
Concen: 0.10 ppb(v)
RT: 14.236 min Scan# 1659
Delta R.T. -0.006 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion: 91 Resp: 3031

Ion	Ratio	Lower	Upper
91	100		
92	52.3	47.2	70.8
65	9.5	9.0	13.6

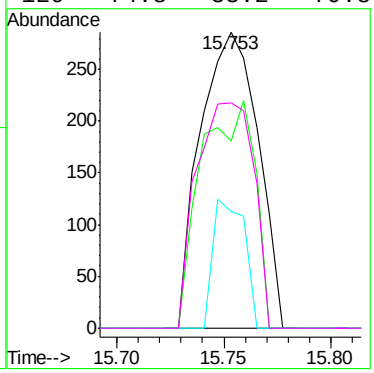




#68
Tetrachloroethene
Concen: 0.05 ppb(v)
RT: 15.753 min Scan# 1907
Delta R.T. -0.006 min
Lab File: 5w2477.D
Acq: 19 Jan 2014 2:06 am

Tgt Ion:166 Resp: 540

Ion	Ratio	Lower	Upper
166	100		
164	71.1	62.2	93.4
168	23.3	38.3	57.5#
129	74.8	53.2	79.8



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38402.D Vial: 13
Acq On : 21 Jan 2014 12:44 am Operator: YOUMINH
Sample : JB58146-4 Inst : MS3W
Misc : MS61596,V3W1466,100,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:46 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

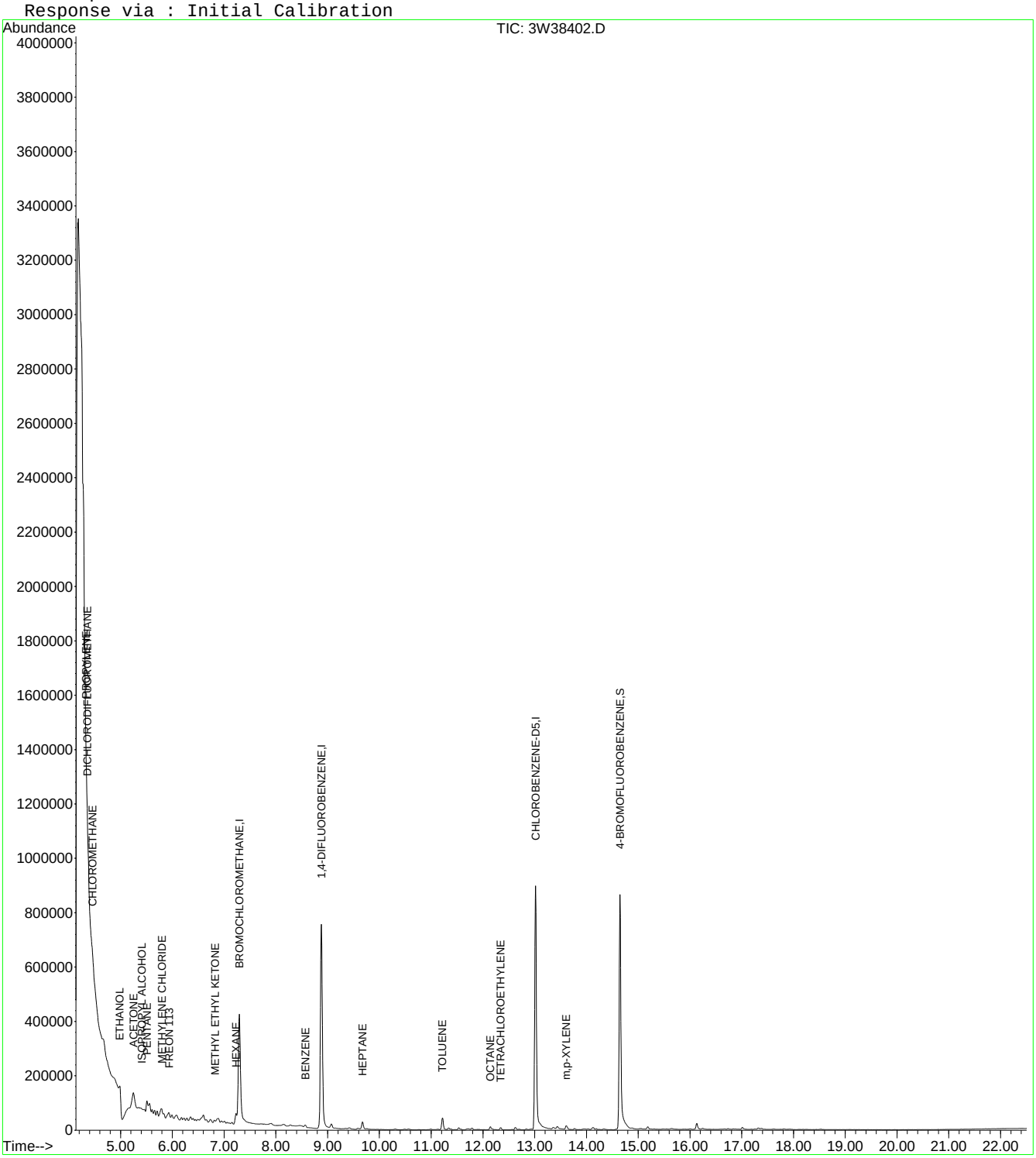
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	167881	10.00	PPBV	0.02
49) 1,4-DIFLUOROBENZENE	8.88	114	863803	10.00	PPBV	0.02
68) CHLOROBENZENE-D5	13.02	82	394347	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.65	95	422796	9.25	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 92.50%			
Target Compounds						Qvalue
5) DICHLORODIFLUOROMETHANE	4.37	85	11806	0.21	PPBV #	81
6) PROPYLENE	4.34	41	28999	1.23	PPBV #	77
8) CHLOROMETHANE	4.46	50	3661	0.12	PPBV	93
19) ISOPROPYL ALCOHOL	5.41	45	8439	0.17	PPBV #	49
20) ACETONE	5.25	58	33538	2.59	PPBV #	73
21) PENTANE	5.51	42	24045	0.87	PPBV	97
26) ETHANOL	4.99	45	13416	1.14	PPBV	98
29) METHYLENE CHLORIDE	5.80	84	12401	0.57	PPBV	99
31) FREON 113	5.95	151	5201	0.15	PPBV	99
36) HEXANE	7.23	57	20921	0.54	PPBV #	82
39) METHYL ETHYL KETONE	6.83	72	1746	0.15	PPBV	96
50) BENZENE	8.57	78	10762	0.16	PPBV	98
60) HEPTANE	9.67	43	17050	0.35	PPBV	96
65) TOLUENE	11.22	92	24714	0.59	PPBV	96
71) TETRACHLOROETHYLENE	12.34	164	1740	0.08	PPBV	99
74) OCTANE	12.14	43	8970	0.16	PPBV	84
78) m,p-XYLENE	13.61	106	4786	0.17	PPBV	97

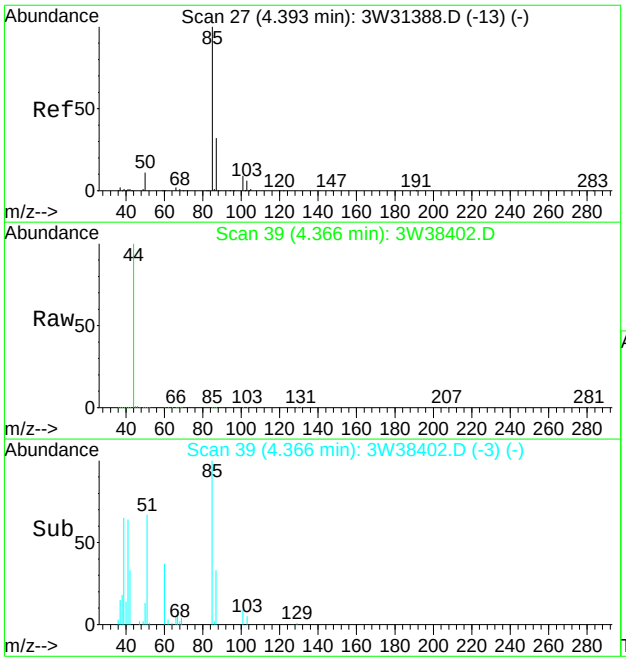
(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38402.D M3W1462.M Tue Jan 21 10:34:21 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38402.D Vial: 13
Acq On : 21 Jan 2014 12:44 am Operator: YOUMINH
Sample : JB58146-4 Inst : MS3W
Misc : MS61596,V3W1466,100,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 10:16 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration

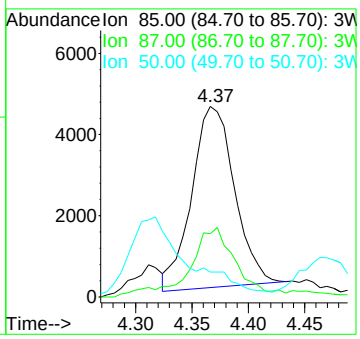


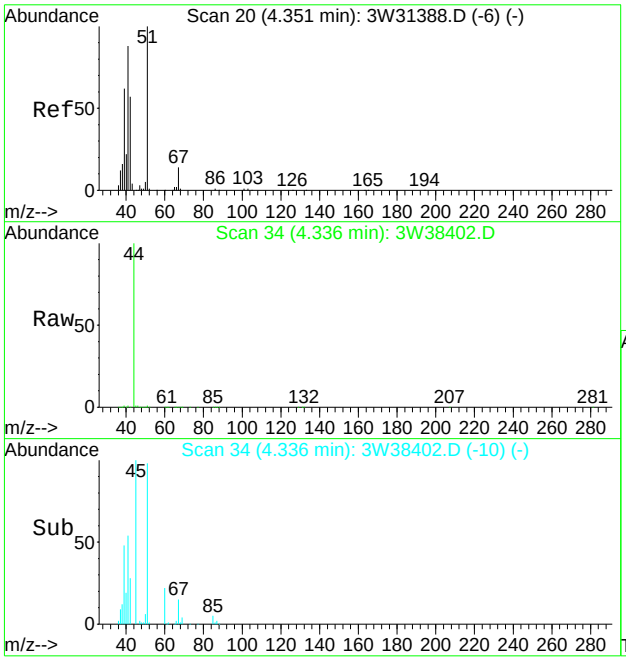


#5
DICHLORODIFLUOROMETHANE
Concen: 0.21 PPBV
RT: 4.37 min Scan# 39
Delta R.T. 0.02 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 85 Resp: 11806

Ion	Ratio	Lower	Upper
85	100		
87	42.0	12.6	52.6
50	0.0	0.0	29.2

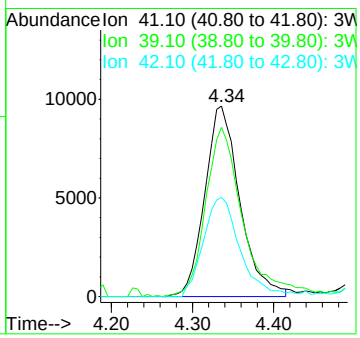


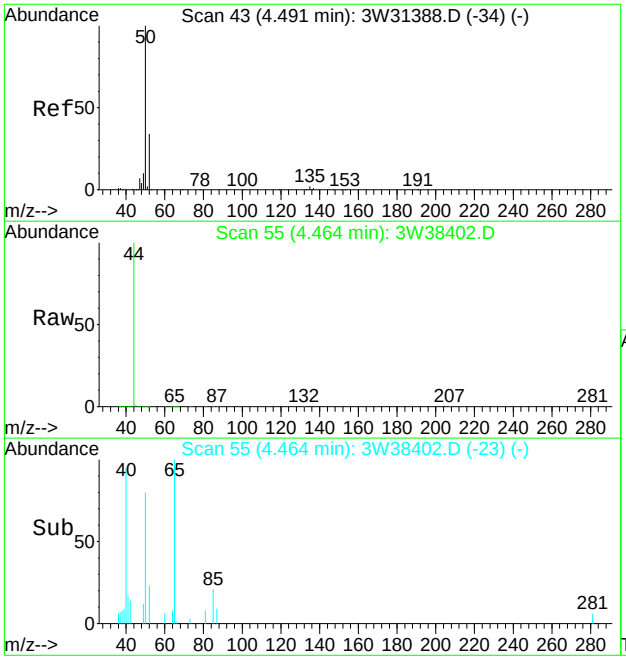


#6
PROPYLENE
Concen: 1.23 PPBV
RT: 4.34 min Scan# 34
Delta R.T. 0.03 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 41 Resp: 28999

Ion	Ratio	Lower	Upper
41	100		
39	91.2	47.3	87.3#
42	53.9	46.4	86.4

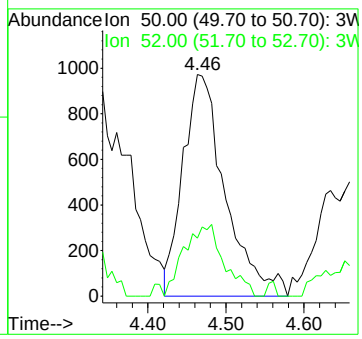


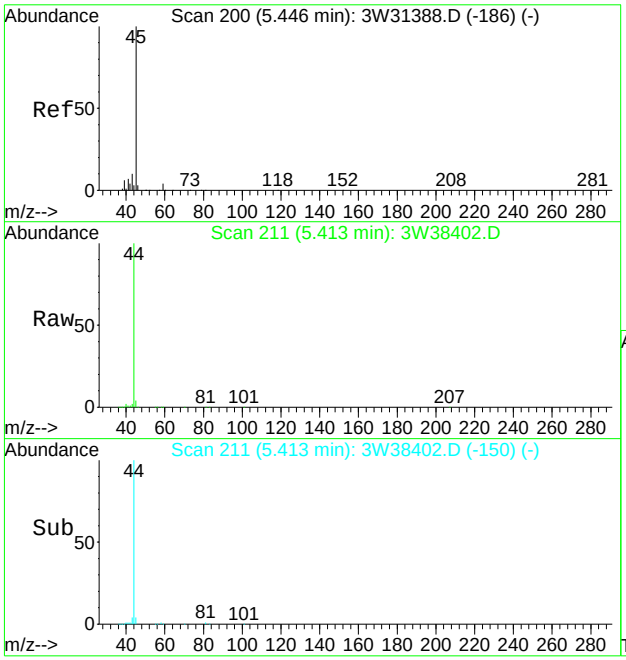


#8
CHLOROMETHANE
Concen: 0.12 PPBV
RT: 4.46 min Scan# 55
Delta R.T. 0.02 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 50 Resp: 3661

Ion	Ratio	Lower	Upper
50	100		
52	27.9	11.6	51.6

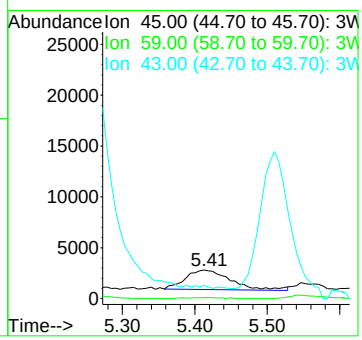


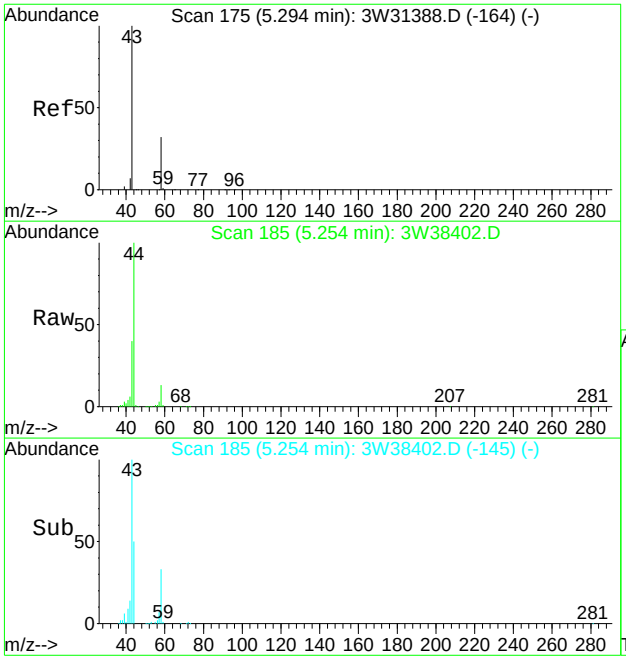


#19
ISOPROPYL ALCOHOL
Concen: 0.17 PPBV
RT: 5.41 min Scan# 211
Delta R.T. 0.07 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 45 Resp: 8439

Ion	Ratio	Lower	Upper
45	100		
59	2.8	0.0	24.1
43	45.5	0.0	38.0#

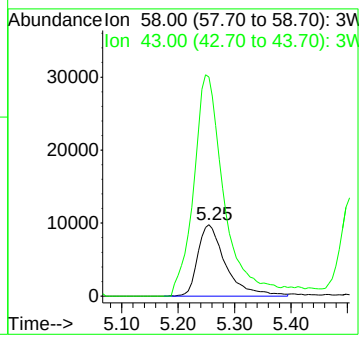


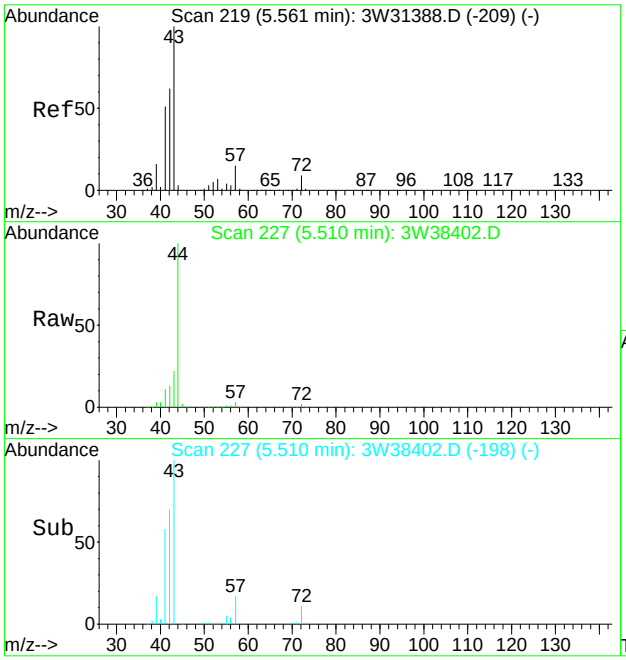


#20
ACETONE
Concen: 2.59 PPBV
RT: 5.25 min Scan# 185
Delta R.T. 0.05 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 58 Resp: 33538

Ion	Ratio	Lower	Upper
58	100		
43	339.2	268.3	308.3#

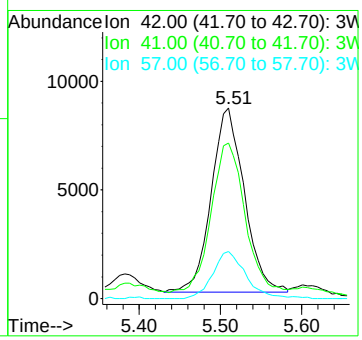


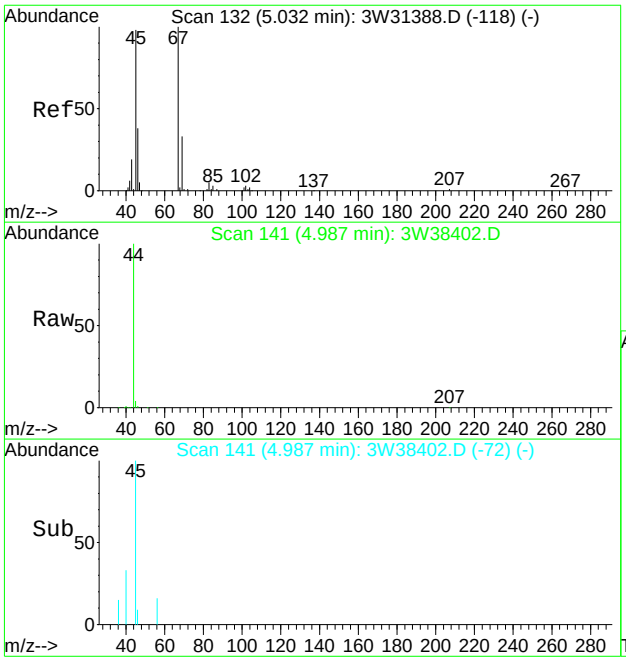


#21
PENTANE
Concen: 0.87 PPBV
RT: 5.51 min Scan# 227
Delta R.T. 0.03 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 42 Resp: 24045

Ion	Ratio	Lower	Upper
42	100		
41	83.8	60.0	100.0
57	25.7	5.2	45.2

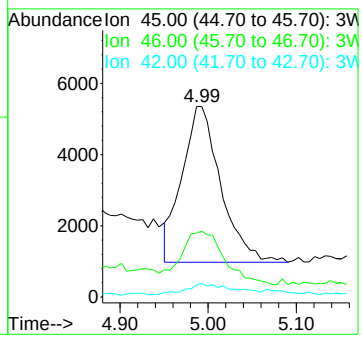


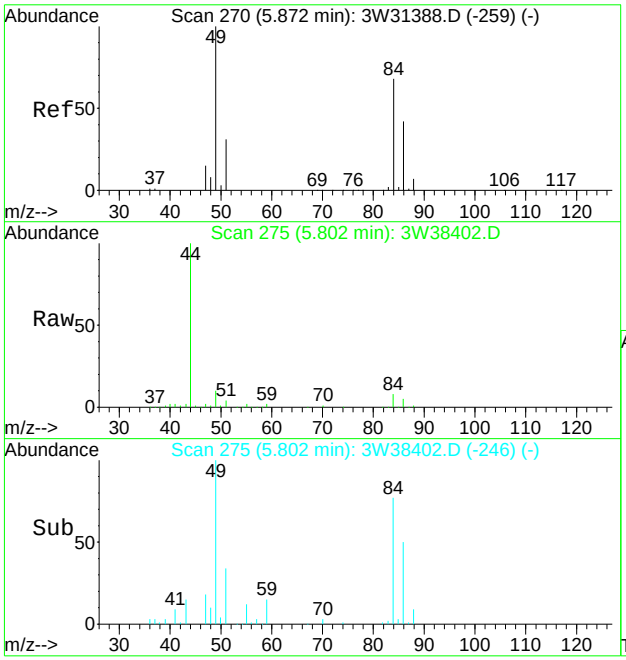


#26
ETHANOL
Concen: 1.14 PPBV
RT: 4.99 min Scan# 141
Delta R.T. 0.04 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 45 Resp: 13416

Ion	Ratio	Lower	Upper
45	100		
46	36.4	17.6	57.6
42	8.0	0.0	27.0

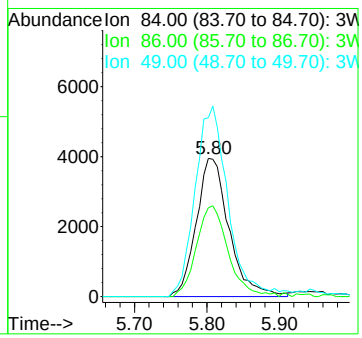


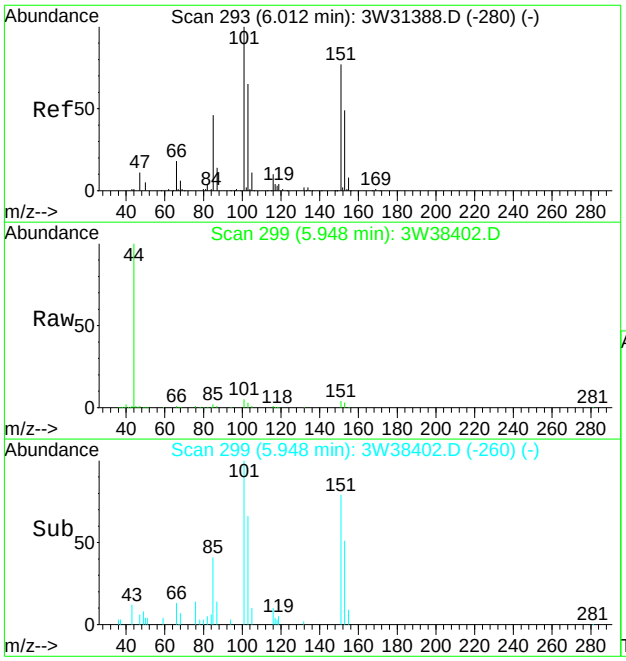


#29
METHYLENE CHLORIDE
Concen: 0.57 PPBV
RT: 5.80 min Scan# 275
Delta R.T. 0.03 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 84 Resp: 12401

Ion	Ratio	Lower	Upper
84	100		
86	63.4	43.6	83.6
49	138.5	0.0	339.6

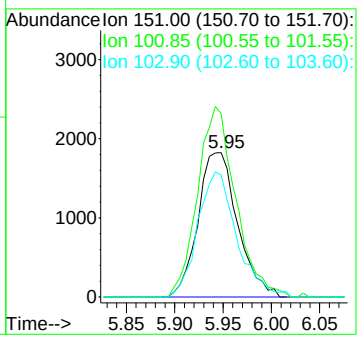


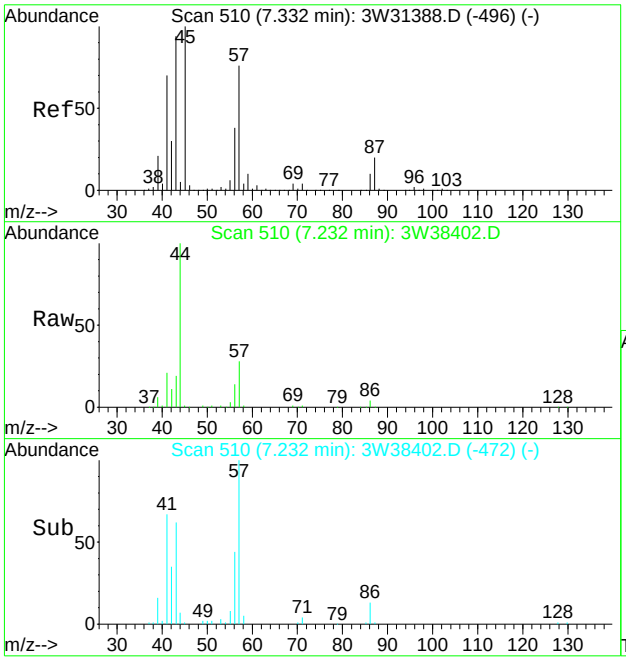


#31
FREON 113
Concen: 0.15 PPBV
RT: 5.95 min Scan# 299
Delta R.T. 0.03 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion:151 Resp: 5201

Ion	Ratio	Lower	Upper
151	100		
101	127.1	107.8	147.8
103	85.0	63.0	103.0

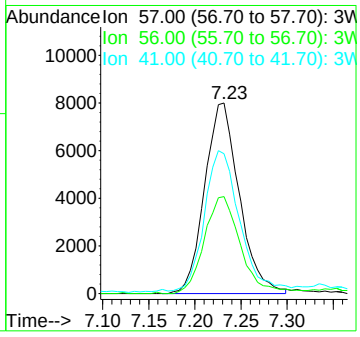


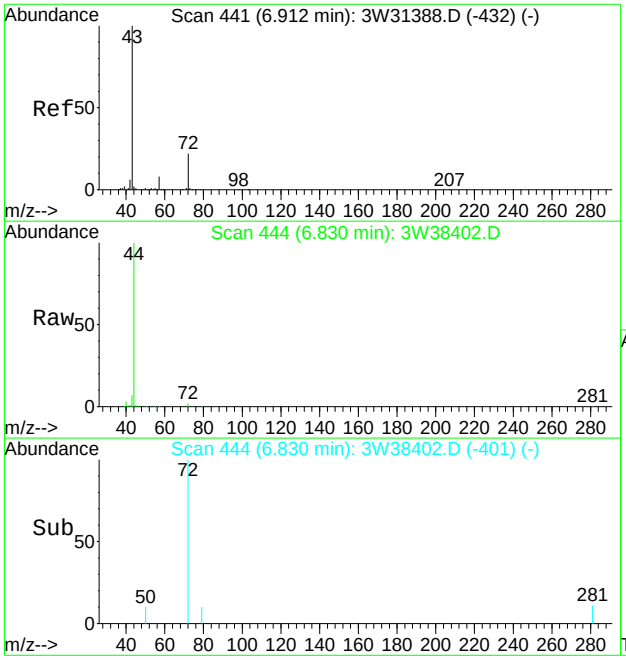


#36
HEXANE
Concen: 0.54 PPBV
RT: 7.23 min Scan# 510
Delta R.T. 0.03 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 57 Resp: 20921

Ion	Ratio	Lower	Upper
57	100		
56	52.2	31.1	71.1
41	73.8	79.4	119.4#

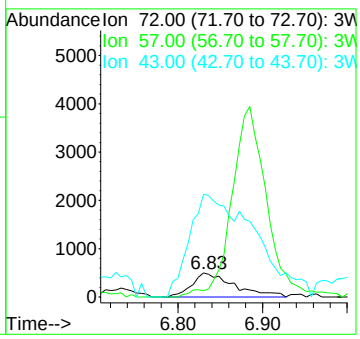


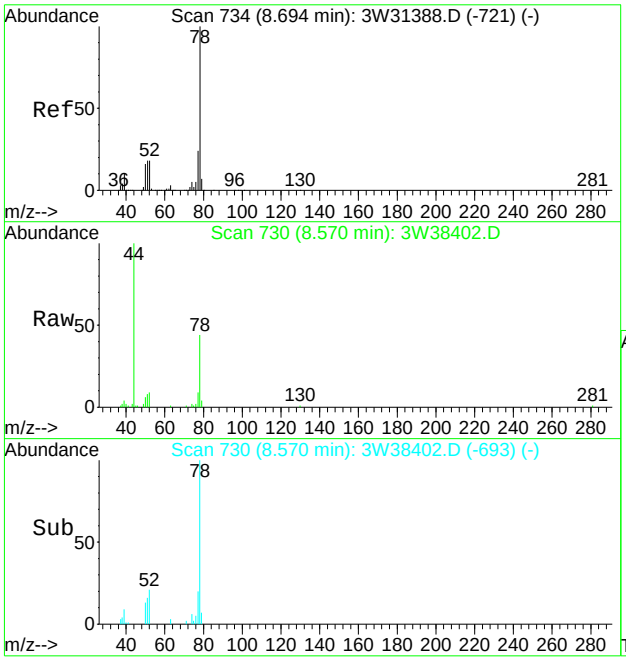


#39
METHYL ETHYL KETONE
Concen: 0.15 PPBV
RT: 6.83 min Scan# 444
Delta R.T. 0.06 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 72 Resp: 1746

Ion	Ratio	Lower	Upper
72	100		
57	26.3	11.6	51.6
43	427.3	416.9	456.9

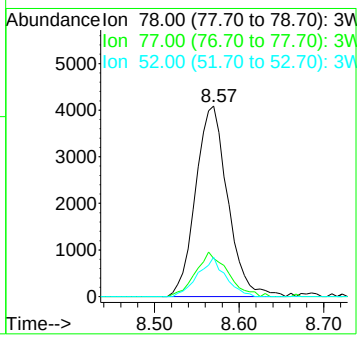


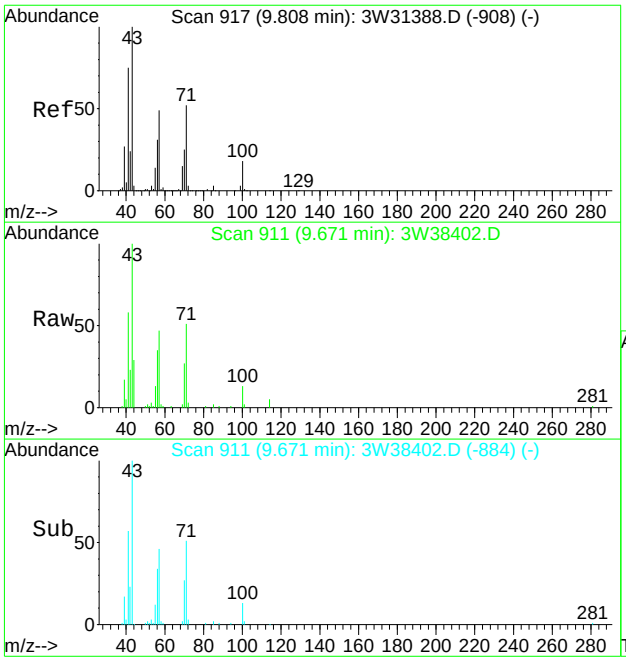


#50
BENZENE
Concen: 0.16 PPBV
RT: 8.57 min Scan# 730
Delta R.T. 0.02 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 78 Resp: 10762

Ion	Ratio	Lower	Upper
78	100		
77	23.6	2.8	42.8
52	17.8	0.0	37.1

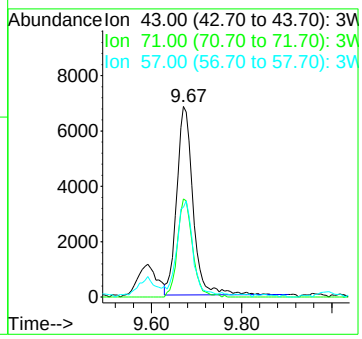


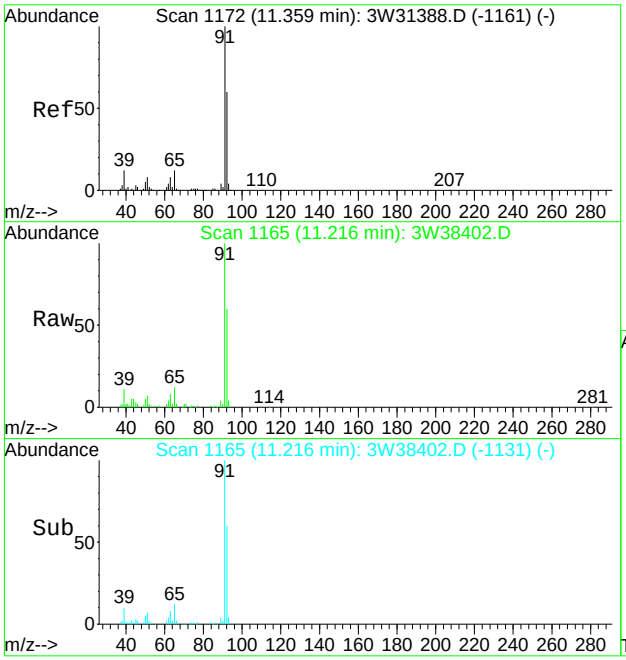


#60
HEPTANE
Concen: 0.35 PPBV
RT: 9.67 min Scan# 911
Delta R.T. 0.01 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 43 Resp: 17050

Ion	Ratio	Lower	Upper
43	100		
71	48.8	34.1	74.1
57	52.6	32.2	72.2

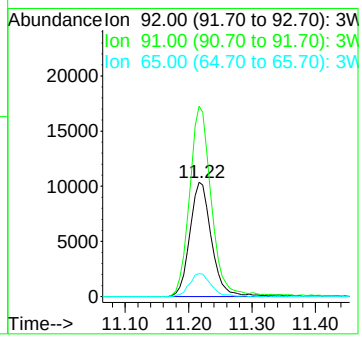


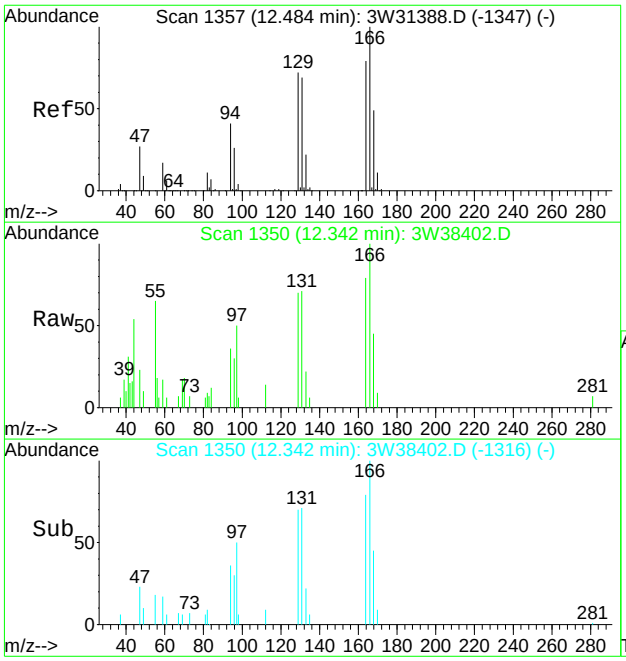


#65
TOLUENE
Concen: 0.59 PPBV
RT: 11.22 min Scan# 1165
Delta R.T. 0.00 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 92 Resp: 24714

Ion	Ratio	Lower	Upper
92	100		
91	168.7	144.1	184.1
65	20.1	2.7	42.7

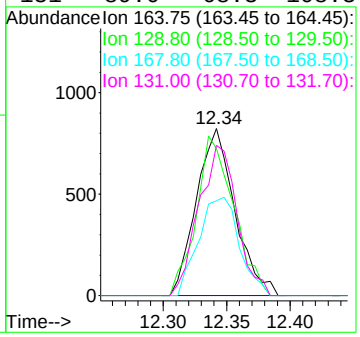


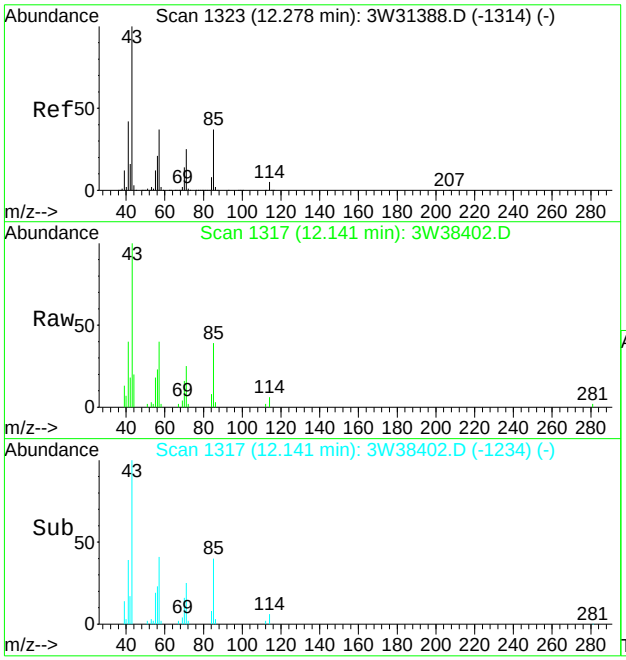


#71
TETRACHLOROETHYLENE
Concen: 0.08 PPBV
RT: 12.34 min Scan# 1350
Delta R.T. 0.00 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion:164 Resp: 1740

Ion	Ratio	Lower	Upper
164	100		
129	92.6	71.6	111.6
168	62.1	42.0	82.0
131	89.0	68.3	108.3

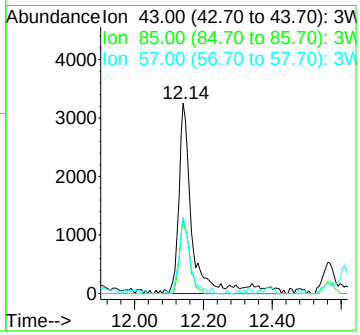


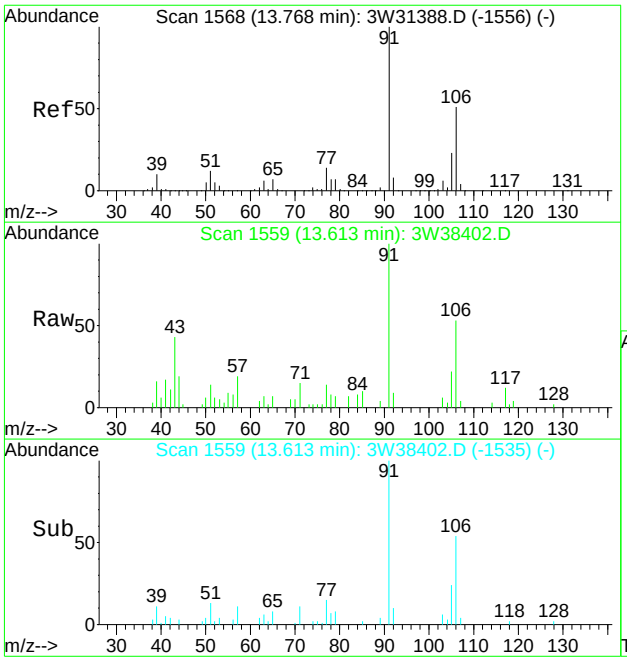


#74
OCTANE
Concen: 0.16 PPBV
RT: 12.14 min Scan# 1317
Delta R.T. 0.00 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion: 43 Resp: 8970

Ion	Ratio	Lower	Upper
43	100		
85	28.3	20.2	60.2
57	31.4	19.0	59.0

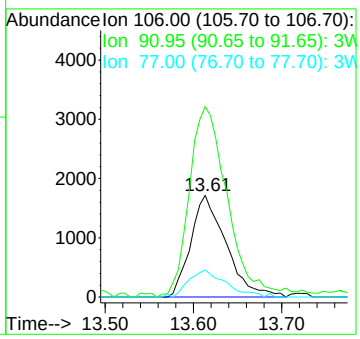




#78
m,p-XYLENE
Concen: 0.17 PPBV
RT: 13.61 min Scan# 1559
Delta R.T. -0.01 min
Lab File: 3W38402.D
Acq: 21 Jan 2014 12:44 am

Tgt Ion:106 Resp: 4786

Ion	Ratio	Lower	Upper
106	100		
91	187.3	172.0	212.0
77	26.7	6.3	46.3



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2460.D
Acq On : 18 Jan 2014 12:44 pm
Operator : MIKEL1
Sample : MB
Misc : ms61597,v5w99,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 15:24:07 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.852	130	69739	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	287348	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	156975	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.852	130	69739	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	197083	9.97	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.70%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

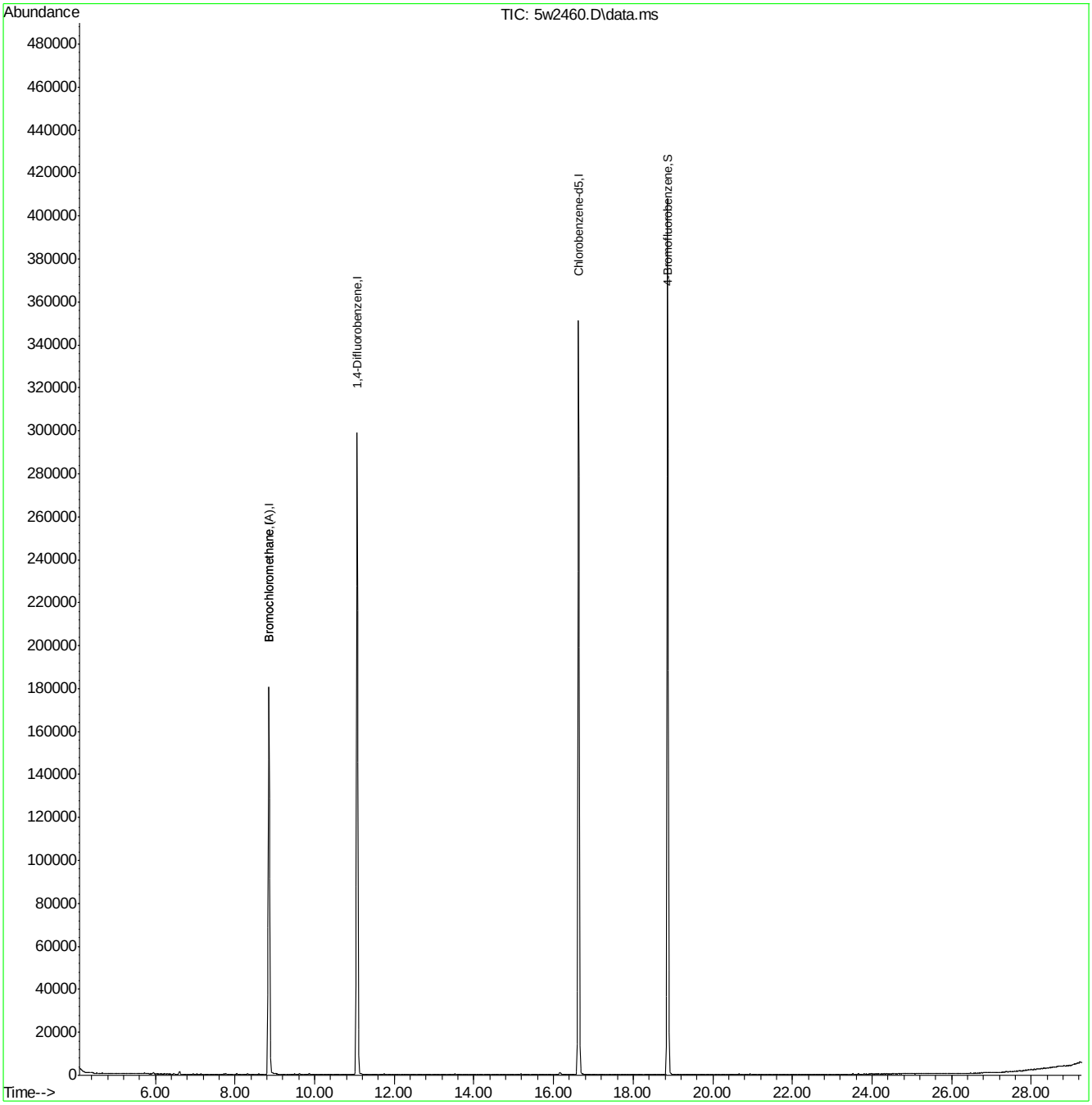
7.2.1

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2460.D
Acq On : 18 Jan 2014 12:44 pm
Operator : MIKEL1
Sample : MB
Misc : ms61597,v5w99,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 20 15:24:07 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38389.D Vial: 5
Acq On : 20 Jan 2014 3:39 pm Operator: YOUMINH
Sample : MB Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:25 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

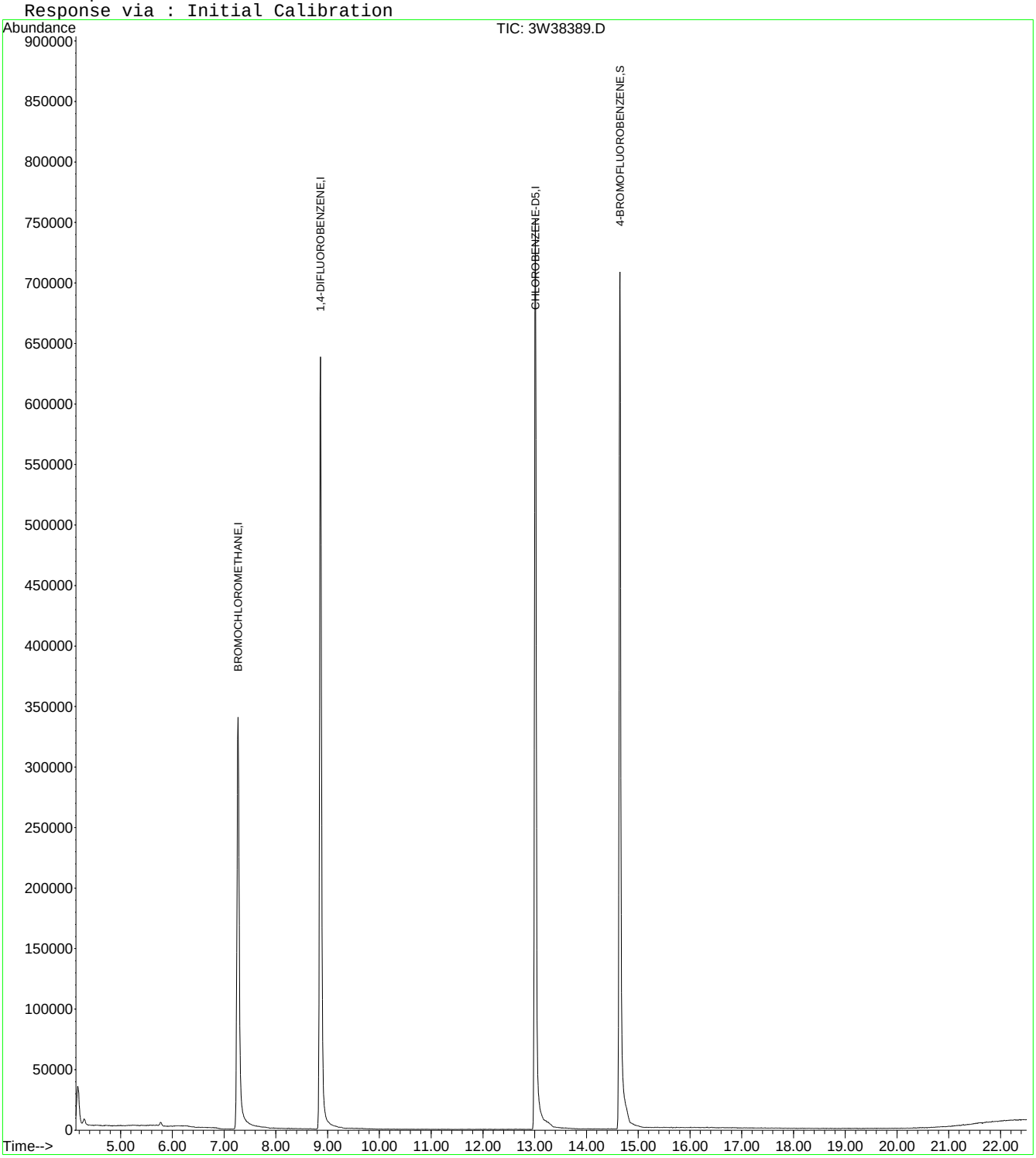
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	153084	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	767485	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.01	82	340778	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.64	95	356757	9.04	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 90.40%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38389.D M3W1462.M Tue Jan 21 10:36:26 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38389.D Vial: 5
Acq On : 20 Jan 2014 3:39 pm Operator: YOUMINH
Sample : MB Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38130.D Vial: 5
Acq On : 7 Jan 2014 12:43 pm Operator: YOUMINH
Sample : MB2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:38 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

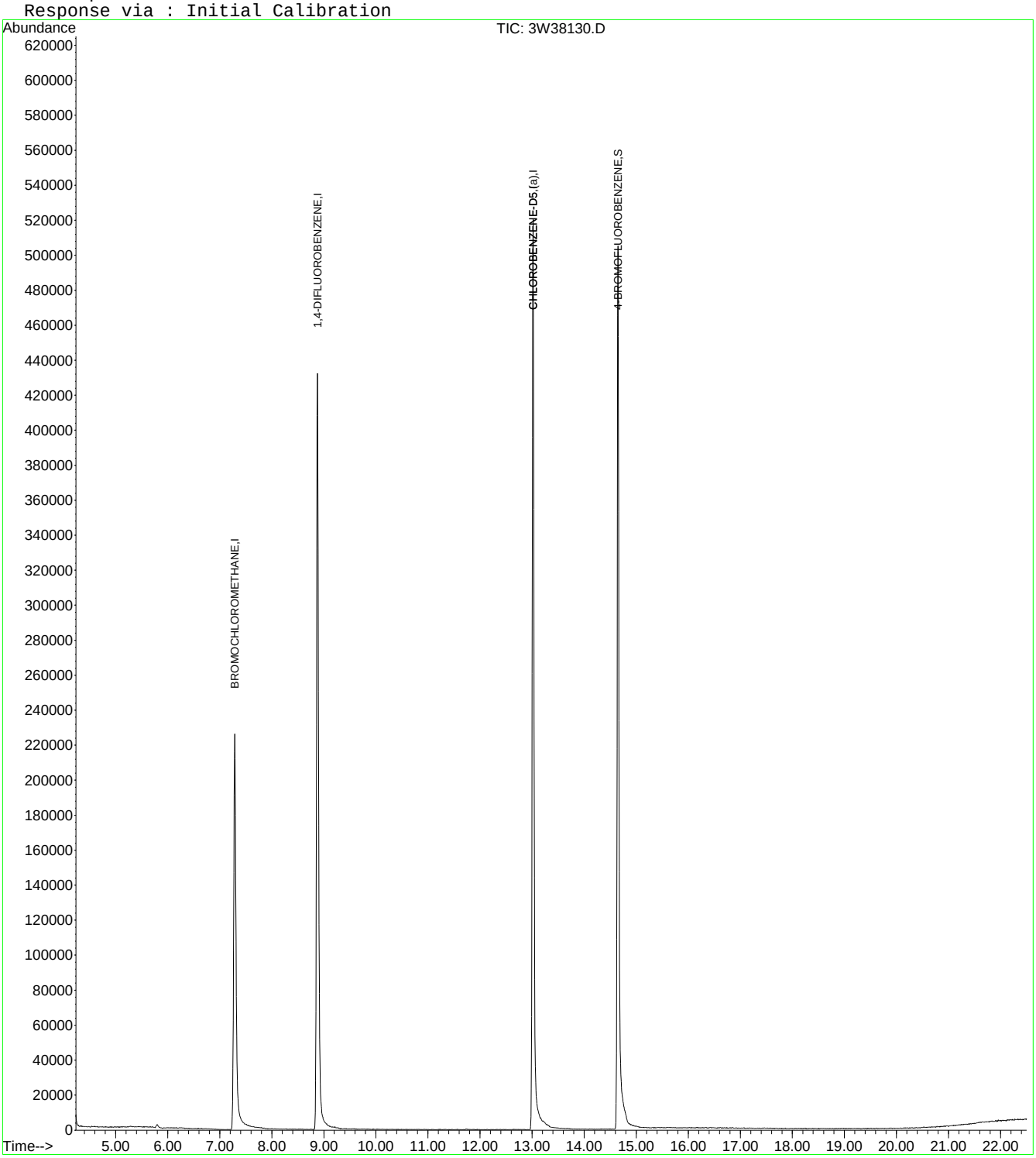
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	102773	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	523609	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	232839	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	232477	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.65	95	243235	9.40	PPBV	-0.01
Spiked Amount 10.000	Range 65 - 128		Recovery = 94.00%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38130.D M3W1416.M Tue Jan 07 14:15:22 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38130.D Vial: 5
Acq On : 7 Jan 2014 12:43 pm Operator: YOUMINH
Sample : MB2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:10 2014 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2457.D
Acq On : 18 Jan 2014 10:21 am
Operator : MIKEL1
Sample : BS
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:38 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.853	130	72307	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	299723	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	174073	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.853	130	72307	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	217685	9.93	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.148	67	24194	11.10	ppb(v	100
4) Propene	4.179	41	85996	11.32	ppb(v	99
5) Dichlorodifluoromethane	4.246	85	243033	11.00	ppb(v	98
6) Chloromethane	4.399	50	98845	11.16	ppb(v	98
7) Dichlorotetrafluoroethane	4.485	85	223034	10.20	ppb(v#	74
8) Vinyl Chloride	4.601	62	103807	10.98	ppb(v#	98
9) 1,3-Butadiene	4.723	54	78603	11.52	ppb(v#	85
10) n-Butane	4.772	58	16231	10.81	ppb(v#	42
11) Bromomethane	4.980	94	80148	10.08	ppb(v	98
12) Chloroethane	5.139	64	49284	10.55	ppb(v#	93
13) Dichlorofluoromethane	5.219	67	215098	10.20	ppb(v#	97
14) Acetonitrile	5.445	41	87939	9.54	ppb(v	100
15) Freon 123	5.604	83	201957	10.10	ppb(v#	89
16) Freon 123A	5.659	117	95835	10.31	ppb(v#	35
17) Bromoethene	5.469	106	73827	10.40	ppb(v#	95
18) Trichlorofluoromethane	5.867	101	222894	10.95	ppb(v	100
19) Acetone	5.702	43	162997	9.23	ppb(v	88
20) Pentane	6.204	57	25363	10.80	ppb(v#	72
21) Iodomethane	6.412	142	186259	10.61	ppb(v	87
22) Isopropyl Alcohol	5.922	45	193247	9.04	ppb(v	99
23) 1,1-Dichloroethene	6.485	61	162558	10.75	ppb(v#	80
24) Freon 113	6.864	101	186196	10.15	ppb(v#	81
25) Methylene Chloride	6.601	84	85823	9.46	ppb(v#	67
26) Carbon Disulfide	6.913	76	293175	10.79	ppb(v	99
27) Ethanol	5.243	45	42461	8.48	ppb(v	97
28) Acrylonitrile	6.142	53	82074	11.09	ppb(v	99
29) 3-Chloropropene	6.724	76	42551	10.63	ppb(v#	51
30) trans-1,2-Dichloroethene	7.562	61	149538	10.57	ppb(v#	77
31) tert-Butyl Alcohol	6.516	59	232925	10.41	ppb(v	94
32) Methyl tert-Butyl Ether	7.837	73	255042	10.17	ppb(v#	86
33) Vinyl Acetate	7.923	43	296150	10.29	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	192480	10.69	ppb(v#	98
35) 2-Butanone	8.198	72	47708	10.53	ppb(v#	36
36) Hexane	8.895	57	164695	10.03	ppb(v#	80
37) cis-1,2-Dichloroethene	8.669	61	141609	10.61	ppb(v#	76
38) Di-isopropyl Ether	8.895	45	418276	10.73	ppb(v	94
39) Ethyl Acetate	8.920	61	37611	11.08	ppb(v#	46
40) Methyl Acrylate	8.908	55	208680	10.67	ppb(v#	91
41) Chloroform	8.993	83	207195	10.65	ppb(v#	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2457.D
Acq On : 18 Jan 2014 10:21 am
Operator : MIKEL1
Sample : BS
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:38 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.893	57	192468	10.46	ppb(v#	94
43) Tetrahydrofuran	9.464	72	46959	10.54	ppb(v#	61
44) 1,1,1-Trichloroethane	10.113	97	194246	10.64	ppb(v	98
45) 1,2-Dichloroethane	9.825	62	130286	10.53	ppb(v#	97
46) Benzene	10.651	78	296586	10.28	ppb(v#	96
47) Carbon Tetrachloride	10.829	117	195759	11.13	ppb(v#	97
48) Cyclohexane	10.975	56	163117	10.28	ppb(v#	82
49) 2,3-Dimethylpentane	11.257	71	64721	10.55	ppb(v	74
51) 2,2,4-Trimethylpentane	11.954	57	541318	10.55	ppb(v#	96
52) Heptane	12.278	71	98817	10.71	ppb(v#	87
53) Trichloroethene	11.911	95	125610	10.63	ppb(v#	81
54) 1,2-Dichloropropane	11.624	63	127681	10.70	ppb(v#	92
55) Dibromomethane	11.593	174	82704	10.62	ppb(v#	33
56) Ethyl Acrylate	11.636	55	254070	10.58	ppb(v#	91
57) Methyl Methacrylate	12.168	69	109423	10.89	ppb(v#	69
58) 1,4-Dioxane	11.930	88	65203	10.04	ppb(v#	40
59) Bromodichloromethane	11.862	83	223752	10.84	ppb(v#	97
60) cis-1,3-Dichloropropene	12.982	75	178532	10.93	ppb(v#	91
61) 4-Methyl-2-pentanone	13.043	43	272952	10.80	ppb(v#	83
62) trans-1,3-Dichloropropene	13.655	75	159178	10.96	ppb(v#	91
63) Toluene	14.236	91	318217	10.18	ppb(v#	97
64) 1,1,2-Trichloroethane	13.875	97	113304	10.67	ppb(v	91
65) 2-Hexanone	14.603	58	141369	10.58	ppb(v#	76
66) Ethyl Methacrylate	14.622	69	194442	11.18	ppb(v#	89
67) Dibromochloromethane	14.793	129	189549	11.21	ppb(v#	99
68) Tetrachloroethene	15.753	166	122413	10.55	ppb(v#	92
69) 1,2-Dibromoethane	15.117	107	166811	10.57	ppb(v	98
70) Octane	15.570	43	274630	10.65	ppb(v#	76
71) 1,1,1,2-Tetrachloroethane	16.671	131	128698	10.98	ppb(v	89
73) Chlorobenzene	16.695	112	225512	10.66	ppb(v#	84
74) Ethylbenzene	17.234	91	397689	10.59	ppb(v	93
75) m,p-Xylene	17.509	91	609931	21.44	ppb(v	92
76) Styrene	18.029	104	213716	10.99	ppb(v#	92
77) Nonane	18.549	43	283394	11.27	ppb(v#	84
78) o-Xylene	18.188	91	311994	10.84	ppb(v	92
79) Bromoform	17.589	173	158643	11.55	ppb(v#	99
80) 1,1,2,2-Tetrachloroethane	18.176	83	266208	11.15	ppb(v#	97
81) 1,2,3-Trichloropropane	18.372	75	198430	10.84	ppb(v#	85
82) Isopropylbenzene	19.075	105	405443	10.71	ppb(v#	93
83) Bromobenzene	19.185	156	107413	10.92	ppb(v#	55
84) 2-Chlorotoluene	19.736	126	94174	11.13	ppb(v#	61
85) n-Propylbenzene	19.803	120	103262	11.53	ppb(v#	55
87) 4-Ethyltoluene	20.005	105	370361	11.13	ppb(v#	94
88) 1,3,5-Trimethylbenzene	20.115	105	319336	11.08	ppb(v#	93
89) alpha-Methylstyrene	20.329	118	153300	11.55	ppb(v	95
90) tert-Butylbenzene	20.654	134	62998	11.52	ppb(v#	62
91) 1,2,4-Trimethylbenzene	20.666	105	321634	11.46	ppb(v#	90
92) 1,3-Dichlorobenzene	20.855	146	183702	11.08	ppb(v#	88
93) Benzyl Chloride	20.837	91	309324	12.15	ppb(v#	90
94) 1,4-Dichlorobenzene	20.947	146	178125	11.10	ppb(v#	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2457.D
Acq On : 18 Jan 2014 10:21 am
Operator : MIKEL1
Sample : BS
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:38 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) sec-Butylbenzene	21.021	134	79940	11.48	ppb(v#	61
96) p-Isopropyltoluene	21.235	134	87445	11.55	ppb(v#	76
97) 1,2-Dichlorobenzene	21.388	146	172939	11.18	ppb(v#	88
98) n-Butylbenzene	21.773	134	78612	12.15	ppb(v#	43
99) Hexachloroethane	22.238	201	97777	11.41	ppb(v#	41
100) 1,2,4-Trichlorobenzene	23.517	180	109278	12.73	ppb(v	98
101) Naphthalene	23.651	128	260606	12.51	ppb(v	100
102) Hexachlorobutadiene	24.098	225	102372	11.78	ppb(v	98
104) TVHC as equiv Pentane	6.204	TIC	482456	10.92	ppb(v	100

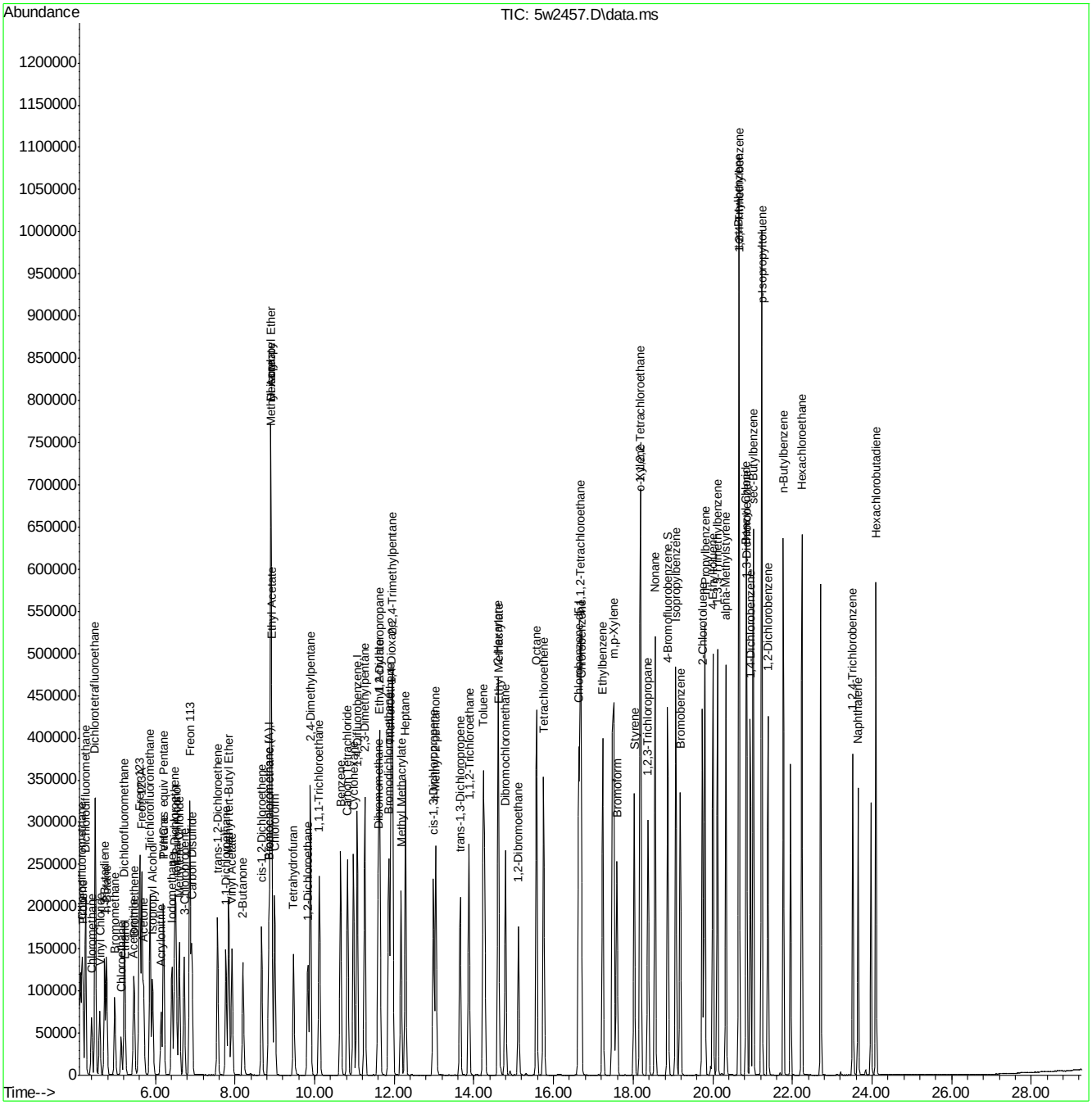
(#) = qualifier out of range (m) = manual integration (+) = signals summed

7.3.1
7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2457.D
Acq On : 18 Jan 2014 10:21 am
Operator : MIKEL1
Sample : BS
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:38 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2458.D
Acq On : 18 Jan 2014 11:05 am
Operator : MIKEL1
Sample : BSD
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:40 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.853	130	72968	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	300034	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	172711	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.853	130	72968	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	217973	10.02	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 100.20%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.148	67	24399	11.09	ppb(v	100
4) Propene	4.173	41	85067	11.10	ppb(v	98
5) Dichlorodifluoromethane	4.246	85	244259	10.95	ppb(v	98
6) Chloromethane	4.393	50	97714	10.93	ppb(v	98
7) Dichlorotetrafluoroethane	4.485	85	226033	10.24	ppb(v#	75
8) Vinyl Chloride	4.595	62	104466	10.94	ppb(v#	98
9) 1,3-Butadiene	4.723	54	78124	11.35	ppb(v#	86
10) n-Butane	4.772	58	16183	10.68	ppb(v#	44
11) Bromomethane	4.974	94	81795	10.19	ppb(v	98
12) Chloroethane	5.133	64	49152	10.43	ppb(v#	94
13) Dichlorofluoromethane	5.219	67	214656	10.09	ppb(v#	97
14) Acetonitrile	5.445	41	86278	9.28	ppb(v	100
15) Freon 123	5.598	83	201472	9.98	ppb(v#	65
16) Freon 123A	5.653	117	96584	10.30	ppb(v#	39
17) Bromoethene	5.463	106	74103	10.34	ppb(v#	95
18) Trichlorofluoromethane	5.861	101	226610	11.03	ppb(v	99
19) Acetone	5.696	43	159402	8.94	ppb(v	88
20) Pentane	6.204	57	24943	10.53	ppb(v#	74
21) Iodomethane	6.412	142	192188	10.84	ppb(v	88
22) Isopropyl Alcohol	5.916	45	191202	8.86	ppb(v	99
23) 1,1-Dichloroethene	6.479	61	161887	10.60	ppb(v#	80
24) Freon 113	6.858	101	190073	10.26	ppb(v#	82
25) Methylene Chloride	6.595	84	86102	9.40	ppb(v#	70
26) Carbon Disulfide	6.913	76	293631	10.71	ppb(v	99
27) Ethanol	5.237	45	42345	8.38	ppb(v	97
28) Acrylonitrile	6.136	53	81631	10.93	ppb(v	99
29) 3-Chloropropene	6.717	76	42520	10.52	ppb(v#	54
30) trans-1,2-Dichloroethene	7.556	61	149260	10.46	ppb(v#	78
31) tert-Butyl Alcohol	6.509	59	231893	10.27	ppb(v	94
32) Methyl tert-Butyl Ether	7.837	73	259158	10.24	ppb(v#	87
33) Vinyl Acetate	7.917	43	292802	10.09	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	190697	10.50	ppb(v#	98
35) 2-Butanone	8.192	72	47817	10.46	ppb(v#	42
36) Hexane	8.895	57	161105	9.72	ppb(v#	81
37) cis-1,2-Dichloroethene	8.663	61	141798	10.53	ppb(v#	77
38) Di-isopropyl Ether	8.889	45	406554	10.34	ppb(v	94
39) Ethyl Acetate	8.920	61	37166	10.85	ppb(v#	50
40) Methyl Acrylate	8.902	55	204232	10.35	ppb(v#	92
41) Chloroform	8.993	83	209459	10.67	ppb(v#	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2458.D
Acq On : 18 Jan 2014 11:05 am
Operator : MIKEL1
Sample : BSD
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:40 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42)	2,4-Dimethylpentane	9.893	57	190415	10.26	ppb(v#	94
43)	Tetrahydrofuran	9.464	72	47139	10.48	ppb(v#	65
44)	1,1,1-Trichloroethane	10.113	97	197188	10.70	ppb(v	98
45)	1,2-Dichloroethane	9.819	62	131860	10.56	ppb(v#	97
46)	Benzene	10.645	78	297135	10.20	ppb(v#	96
47)	Carbon Tetrachloride	10.822	117	200510	11.30	ppb(v#	98
48)	Cyclohexane	10.969	56	162054	10.12	ppb(v#	83
49)	2,3-Dimethylpentane	11.257	71	64874	10.48	ppb(v	76
51)	2,2,4-Trimethylpentane	11.948	57	537235	10.46	ppb(v#	96
52)	Heptane	12.278	71	99972	10.82	ppb(v#	89
53)	Trichloroethene	11.911	95	127401	10.77	ppb(v#	81
54)	1,2-Dichloropropane	11.618	63	127195	10.64	ppb(v	93
55)	Dibromomethane	11.593	174	86018	11.04	ppb(v#	38
56)	Ethyl Acrylate	11.636	55	253907	10.57	ppb(v#	92
57)	Methyl Methacrylate	12.168	69	109256	10.86	ppb(v#	72
58)	1,4-Dioxane	11.924	88	65252	10.04	ppb(v#	43
59)	Bromodichloromethane	11.856	83	226191	10.95	ppb(v#	97
60)	cis-1,3-Dichloropropene	12.982	75	178626	10.92	ppb(v#	91
61)	4-Methyl-2-pentanone	13.037	43	266708	10.54	ppb(v#	85
62)	trans-1,3-Dichloropropene	13.649	75	159289	10.96	ppb(v#	91
63)	Toluene	14.236	91	321317	10.27	ppb(v#	98
64)	1,1,2-Trichloroethane	13.869	97	113816	10.70	ppb(v	91
65)	2-Hexanone	14.597	58	137199	10.26	ppb(v#	77
66)	Ethyl Methacrylate	14.615	69	190086	10.91	ppb(v#	90
67)	Dibromochloromethane	14.787	129	192895	11.39	ppb(v#	99
68)	Tetrachloroethene	15.753	166	122675	10.56	ppb(v#	92
69)	1,2-Dibromoethane	15.117	107	169537	10.73	ppb(v	98
70)	Octane	15.570	43	267636	10.37	ppb(v#	77
71)	1,1,1,2-Tetrachloroethane	16.671	131	130721	11.14	ppb(v	91
73)	Chlorobenzene	16.689	112	228657	10.89	ppb(v#	84
74)	Ethylbenzene	17.234	91	403533	10.83	ppb(v	93
75)	m,p-Xylene	17.503	91	619135	21.93	ppb(v	92
76)	Styrene	18.023	104	216312	11.21	ppb(v#	92
77)	Nonane	18.549	43	277520	11.12	ppb(v#	84
78)	o-Xylene	18.182	91	318166	11.14	ppb(v	92
79)	Bromoform	17.589	173	164161	12.04	ppb(v#	99
80)	1,1,2,2-Tetrachloroethane	18.176	83	265892	11.23	ppb(v#	98
81)	1,2,3-Trichloropropane	18.372	75	197623	10.88	ppb(v#	86
82)	Isopropylbenzene	19.069	105	414307	11.03	ppb(v#	93
83)	Bromobenzene	19.179	156	110563	11.33	ppb(v#	56
84)	2-Chlorotoluene	19.736	126	94516	11.26	ppb(v#	60
85)	n-Propylbenzene	19.797	120	103373	11.64	ppb(v#	57
87)	4-Ethyltoluene	20.005	105	369258	11.18	ppb(v#	94
88)	1,3,5-Trimethylbenzene	20.115	105	324766	11.36	ppb(v#	93
89)	alpha-Methylstyrene	20.329	118	153572	11.66	ppb(v	96
90)	tert-Butylbenzene	20.654	134	63553	11.71	ppb(v#	62
91)	1,2,4-Trimethylbenzene	20.666	105	323618	11.62	ppb(v#	91
92)	1,3-Dichlorobenzene	20.849	146	185545	11.28	ppb(v#	88
93)	Benzyl Chloride	20.837	91	311725	12.34	ppb(v#	91
94)	1,4-Dichlorobenzene	20.941	146	181293	11.38	ppb(v#	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2458.D
Acq On : 18 Jan 2014 11:05 am
Operator : MIKEL1
Sample : BSD
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:40 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

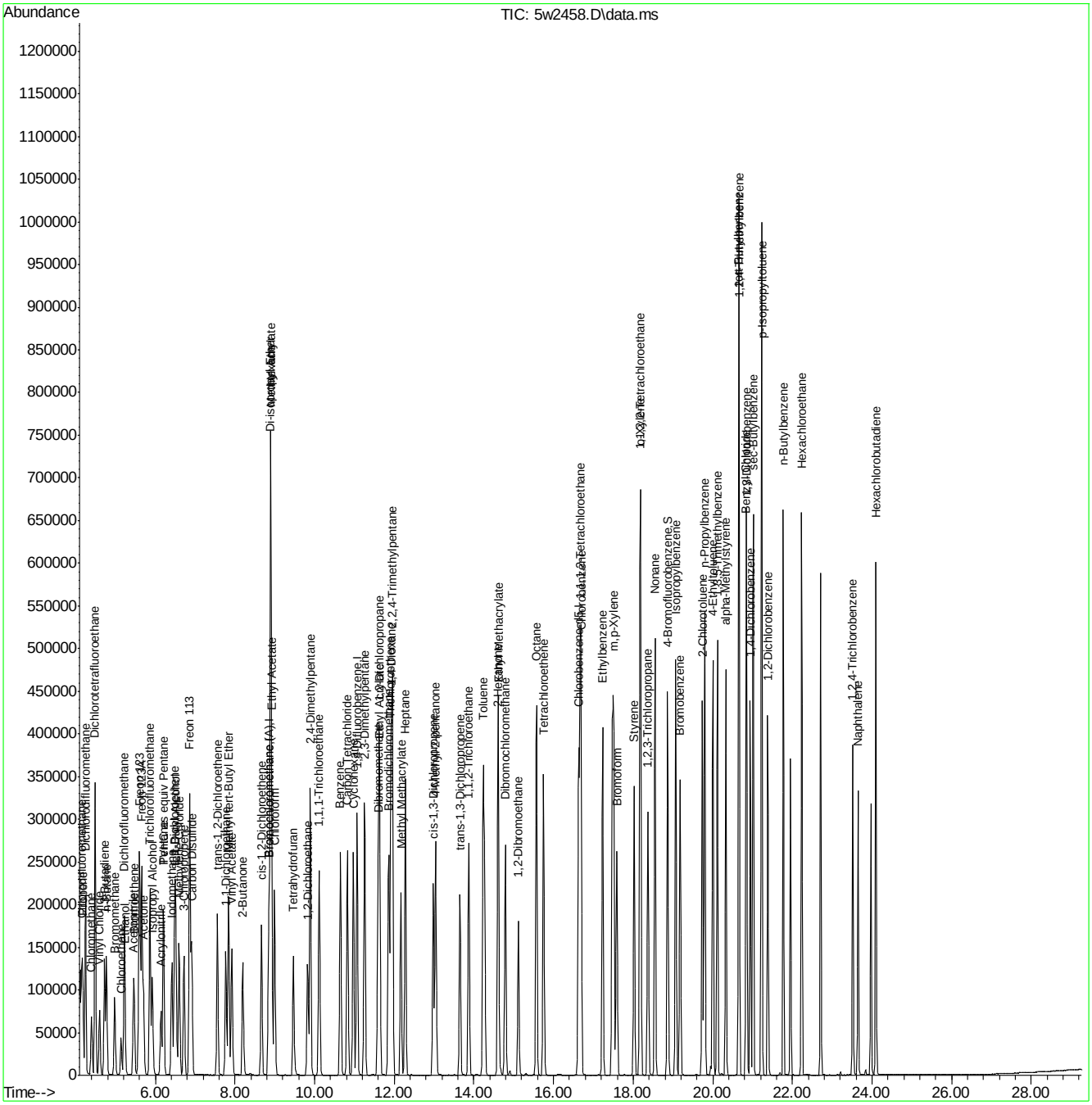
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.015	134	80547	11.66	ppb(v#	61
96)	p-Isopropyltoluene	21.235	134	89179	11.88	ppb(v#	76
97)	1,2-Dichlorobenzene	21.388	146	174828	11.39	ppb(v#	89
98)	n-Butylbenzene	21.773	134	80304	12.51	ppb(v#	44
99)	Hexachloroethane	22.232	201	100402	11.81	ppb(v#	44
100)	1,2,4-Trichlorobenzene	23.517	180	111341	13.07	ppb(v	98
101)	Naphthalene	23.651	128	264241	12.78	ppb(v	100
102)	Hexachlorobutadiene	24.098	225	105775	12.26	ppb(v	98
104)	TVHC as equiv Pentane	6.204	TIC	461591	10.35	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2458.D
Acq On : 18 Jan 2014 11:05 am
Operator : MIKEL1
Sample : BSD
Misc : ms61597,v5w99,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 20 08:09:40 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 01/21/14 14:57

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:18 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	160572	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	806580	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	393765	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.65	95	475552	10.42	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.20%			
Target Compounds						Qvalue
3) FREON 152A	4.27	65	154103	10.18	PPBV	99
4) CHLORODIFLUOROMETHANE	4.30	67	101839	19.77	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	505647m	9.49	PPBV	
6) PROPYLENE	4.32	41	202189	8.98	PPBV	99
7) FREON 114	4.50	85	536039	9.29	PPBV	99
8) CHLOROMETHANE	4.46	50	271829	9.54	PPBV	98
9) VINYL CHLORIDE	4.57	62	259934	9.43	PPBV	100
10) 1,3-BUTADIENE	4.64	54	183859	8.99	PPBV	99
11) n-BUTANE	4.66	43	389088	9.63	PPBV	100
12) BROMOMETHANE	4.80	94	213107	9.38	PPBV	99
13) CHLOROETHANE	4.89	64	131904	9.16	PPBV	99
14) DICHLOROFLUOROMETHANE	4.93	67	481867	9.33	PPBV	100
15) ACETONITRILE	5.11	41	164008	9.74	PPBV	94
16) FREON 123	5.14	83	485283	9.58	PPBV	100
17) FREON 123A	5.18	117	271048	9.55	PPBV	99
18) TRICHLOROFLUOROMETHANE	5.32	101	485154	9.80	PPBV	100
19) ISOPROPYL ALCOHOL	5.37	45	399967	8.44	PPBV	100
20) ACETONE	5.22	58	104729	8.47	PPBV	93
21) PENTANE	5.49	42	247558	9.36	PPBV	100
22) TVHC as EQUIV PENTANE	5.49	TIC	1381637m	10.09	PPBV	
23) IODOMETHANE	5.66	142	514021	10.18	PPBV	98
24) 1,1-DICHLOROETHYLENE	5.70	96	204605	9.53	PPBV	99
25) CARBON DISULFIDE	5.97	76	601138	9.65	PPBV	100
26) ETHANOL	4.97	45	93883	8.37	PPBV	99
27) BROMOETHENE	5.08	106	208328	9.79	PPBV	99
28) ACRYLONITRILE	5.51	52	131133	9.85	PPBV	99
29) METHYLENE CHLORIDE	5.78	84	192329	9.19	PPBV	97
30) 3-CHLOROPROPENE	5.84	76	98110	9.90	PPBV	100
31) FREON 113	5.92	151	332668	10.01	PPBV	99
32) TRANS-1,2-DICHLOROETHYLENE	6.37	96	200320	10.07	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.72	59	462905	9.12	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	560861	9.25	PPBV	99
35) TETRAHYDROFURAN	7.68	72	102005	9.41	PPBV	100
36) HEXANE	7.21	57	345596	9.38	PPBV	98
37) VINYL ACETATE	6.62	86	43859	9.43	PPBV	97
38) 1,1-DICHLOROETHANE	6.52	63	392871	9.39	PPBV	100
39) METHYL ETHYL KETONE	6.79	72	101182	9.00	PPBV	98
40) cis-1,2-DICHLOROETHYLENE	7.17	96	202274	9.90	PPBV	99
41) DIISOPROPYL ETHER	7.23	45	786584	9.01	PPBV	100
42) ETHYL ACETATE	7.29	61	77716	9.29	PPBV	98
43) METHYL ACRYLATE	7.30	55	344505	9.10	PPBV	98
44) CHLOROFORM	7.37	83	395678	9.77	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.91	57	439554	9.37	PPBV	100
46) 1,1,1-TRICHLOROETHANE	8.16	97	389958	9.77	PPBV	100
47) CARBON TETRACHLORIDE	8.69	117	397149	10.23	PPBV	100
48) 1,2-DICHLOROETHANE	7.95	62	235343	9.98	PPBV	100
50) BENZENE	8.56	78	628489	10.01	PPBV	100
51) CYCLOHEXANE	8.73	84	345118	9.95	PPBV	97
52) 2,3-DIMETHYLPENTANE	8.91	71	155936	9.38	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W38386.D M3W1462.M Tue Jan 21 12:21:31 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:18 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

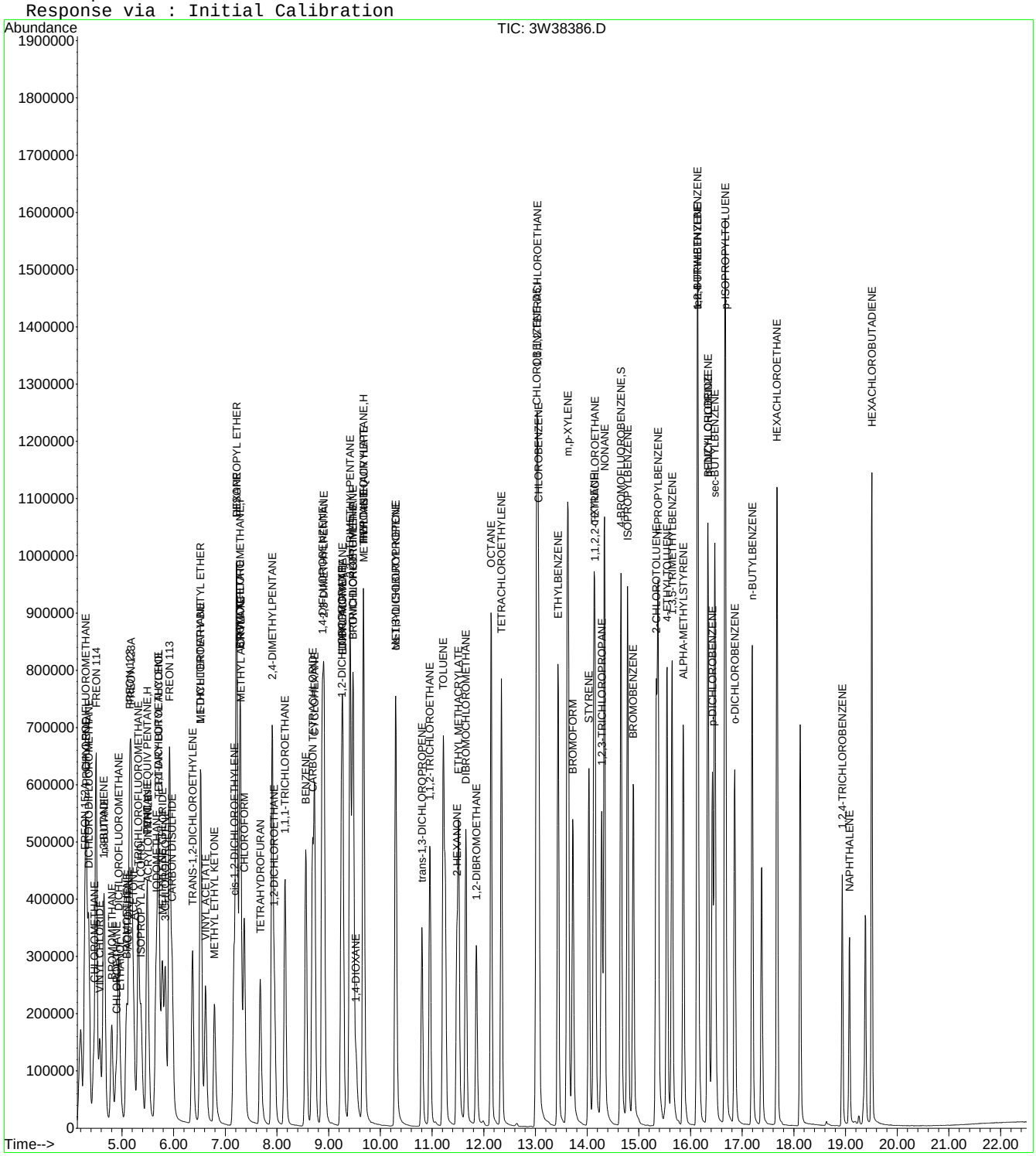
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.48	95	239302	9.97	PPBV	98
54)	1,2-DICHLOROPROPANE	9.25	63	251881	10.12	PPBV	99
55)	DIBROMOMETHANE	9.27	174	217228	11.36	PPBV	98
56)	ETHYL ACRYLATE	9.28	55	421169	9.53	PPBV	99
57)	BROMODICHLOROMETHANE	9.46	83	396318	10.76	PPBV	99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	1097375	9.78	PPBV	100
59)	1,4-DIOXANE	9.53	88	125548	8.80	PPBV	99
60)	HEPTANE	9.66	43	421875	9.37	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.67	TIC	2597921m	10.30	PPBV	
62)	METHYL METHACRYLATE	9.68	69	212275	10.28	PPBV	99
63)	METHYL ISOBUTYL KETONE	10.29	58	172084	9.85	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.30	75	338168	10.94	PPBV	97
65)	TOLUENE	11.22	92	401595	10.31	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.80	75	273930	10.89	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.95	83	202600	10.27	PPBV	99
69)	2-HEXANONE	11.48	58	230505	9.69	PPBV	98
70)	ETHYL METHACRYLATE	11.51	69	334665	10.09	PPBV	100
71)	TETRACHLOROETHYLENE	12.34	164	248232	10.76	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.65	129	382144	12.07	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	312741	10.97	PPBV	99
74)	OCTANE	12.14	43	550885	9.75	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	288169	11.61	PPBV	100
76)	CHLOROBENZENE	13.07	112	484831	10.86	PPBV	99
77)	ETHYLBENZENE	13.44	91	804779	10.78	PPBV	100
78)	m,p-XYLENE	13.63	106	616793	22.36	PPBV	99
79)	o-XYLENE	14.13	106	302220	11.14	PPBV	98
80)	STYRENE	14.03	104	429236	11.41	PPBV	100
81)	NONANE	14.34	43	534321	10.82	PPBV	98
82)	BROMOFORM	13.72	173	353595	12.39	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	464903	10.87	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.28	75	367685	10.80	PPBV	100
86)	ISOPROPYLBENZENE	14.78	105	874347	11.04	PPBV	100
87)	BROMOBENZENE	14.89	77	401734	10.50	PPBV	97
88)	2-CHLOROTOLUENE	15.34	126	216398	11.17	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	232201	11.31	PPBV	100
90)	4-ETHYLTOLUENE	15.55	105	748528	11.76	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	654612	11.47	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.86	118	313604	10.98	PPBV	99
93)	tert-BUTYLBENZENE	16.13	134	163234	11.90	PPBV	97
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	621373	11.75	PPBV	99
95)	m-DICHLOROBENZENE	16.33	146	381366	11.74	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	489166	11.15	PPBV	99
97)	p-DICHLOROBENZENE	16.42	146	362008	11.20	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	193471	11.47	PPBV	97
99)	p-ISOPROPYLTOLUENE	16.67	134	204468	12.03	PPBV	97
100)	o-DICHLOROBENZENE	16.86	146	368207	11.68	PPBV	99
101)	n-BUTYLBENZENE	17.20	134	170062	11.15	PPBV	96
102)	HEXACHLOROETHANE	17.67	117	292329	11.86	PPBV	98
103)	HEXACHLOROBUTADIENE	19.51	225	254210	11.79	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.94	180	175175	11.24	PPBV	99
105)	NAPHTHALENE	19.08	128	315297	9.86	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38386.D M3W1462.M Tue Jan 21 12:21:31 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 12:21 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Manual Integration Approval Summary

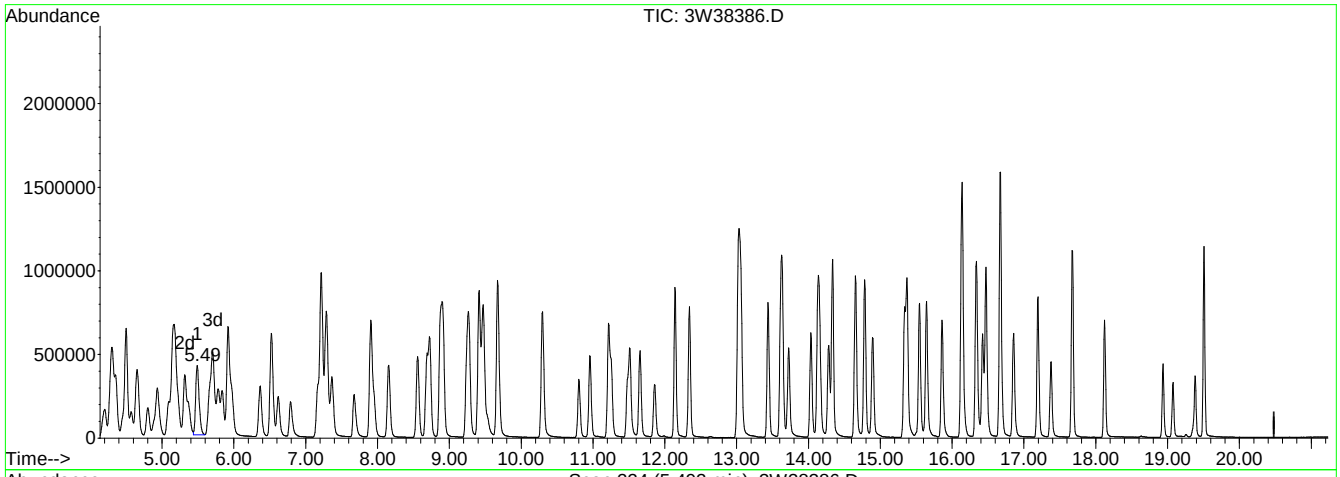
Sample Number: V3W1466-BS
Lab FileID: 3W38386.D
Injection Time: 01/20/14 13:12
Method: TO-15
Analyst approved: 01/21/14 14:56 Kanya Veerawat
Supervisor approved: 01/21/14 14:57 Kanya Veerawat

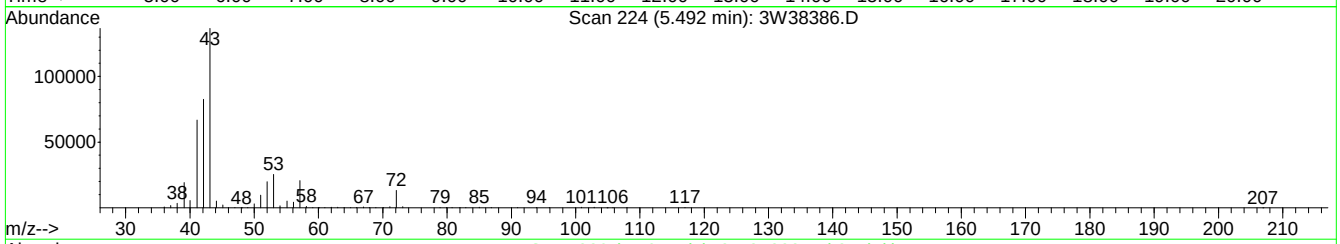
Parameter	CAS	Sig#	R.T. (min.)	Reason
Dichlorodifluoromethane	75-71-8		4.36	Poor instrument integration

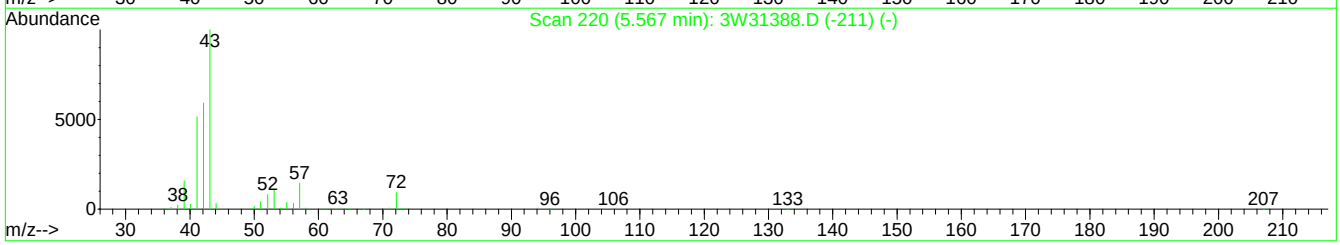
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration







TIC: 3W38386.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 10.09PPBV m

response 1381637

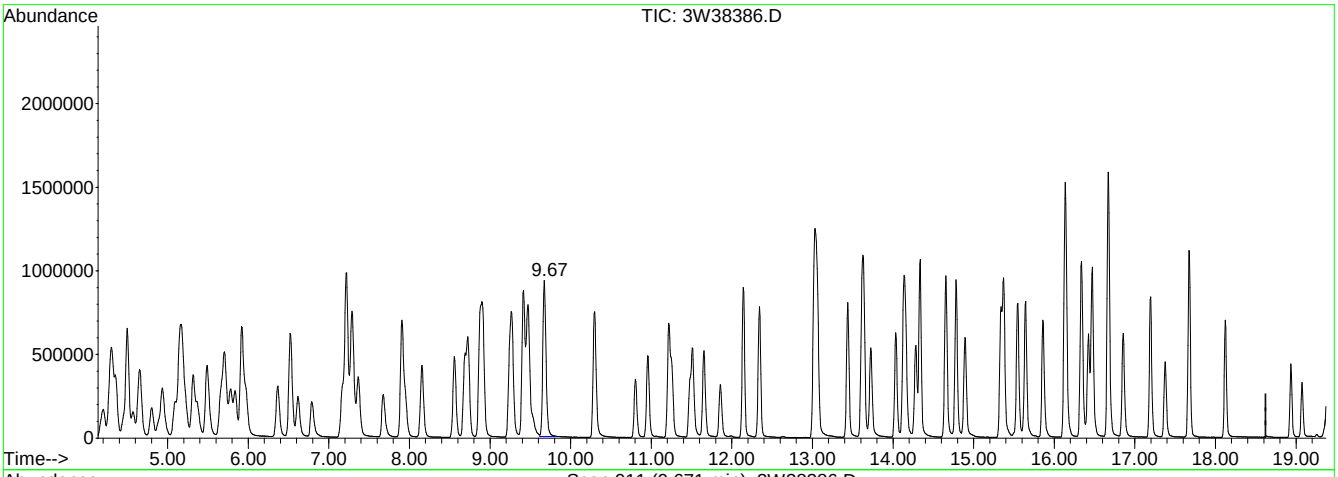
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	2.89#
0.00	2.80	2.44#
0.00	0.00	0.00

3W38386.D M3W1462.M Tue Jan 21 10:33:55 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration



TIC: 3W38386.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 10.30PPBV m

response 2597921

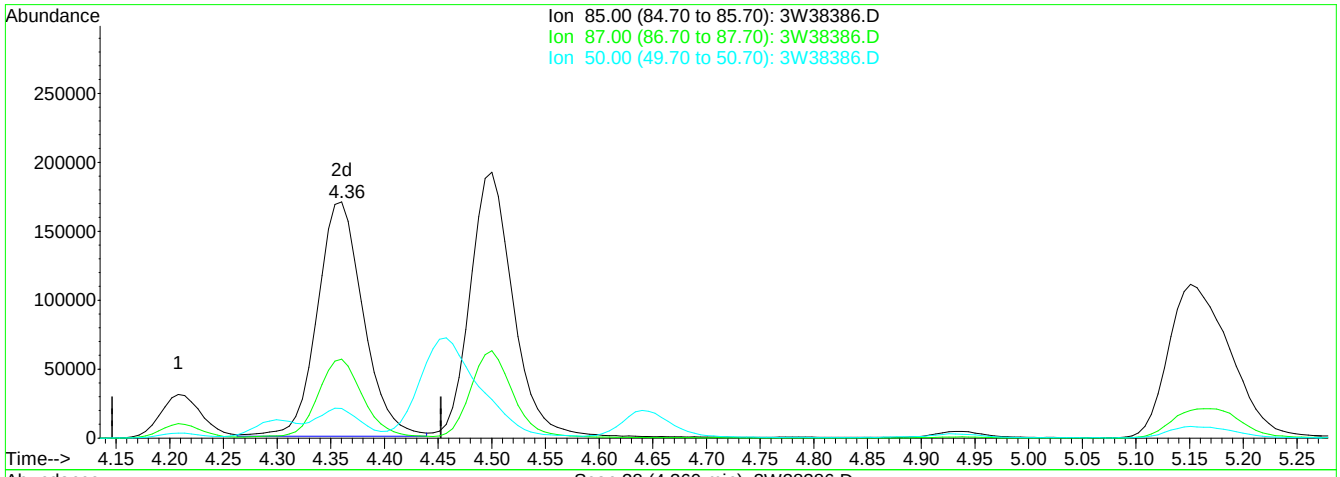
Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.54#
0.00	1.40	1.30#
0.00	0.00	0.00

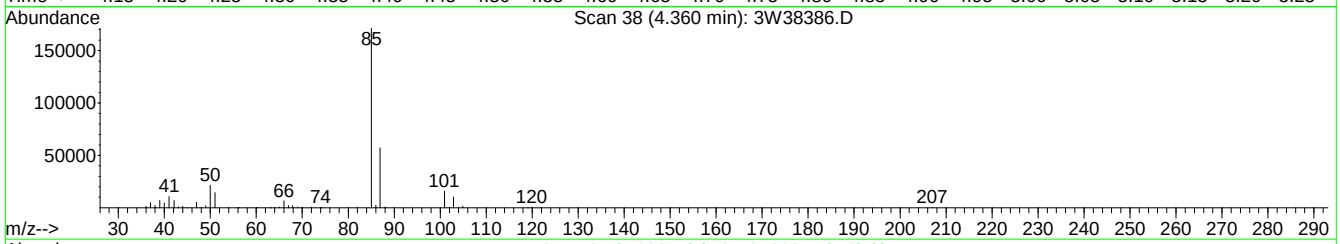
3W38386.D M3W1462.M Tue Jan 21 10:38:15 2014 MS3W

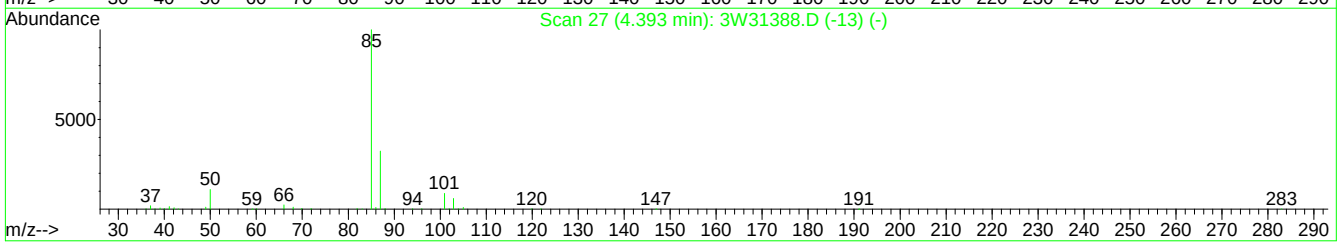
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38386.D Vial: 3
Acq On : 20 Jan 2014 1:12 pm Operator: YOUMINH
Sample : BS Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 12:21 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration







TIC: 3W38386.D

(5) DICHLORODIFLUOROMETHANE

4.36min 9.49PPBV m

response 505647

Ion	Exp%	Act%
85.00	100	100
87.00	32.60	5.20#
50.00	9.20	1.89
0.00	0.00	0.00

3W38386.D M3W1462.M Tue Jan 21 12:21:20 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38387.D Vial: 3
Acq On : 20 Jan 2014 1:59 pm Operator: YOUMINH
Sample : BSD Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:21 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	163252	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	816502	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.02	82	397782	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.65	95	482242	10.46	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.60%				
Target Compounds							Qvalue
3) FREON 152A	4.27	65	153875	10.00	PPBV		99
4) CHLORODIFLUOROMETHANE	4.30	67	127355	24.31	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.35	85	508263	9.39	PPBV		93
6) PROPYLENE	4.32	41	204050	8.91	PPBV		99
7) FREON 114	4.49	85	526540	8.98	PPBV		97
8) CHLOROMETHANE	4.45	50	234189	8.09	PPBV		96
9) VINYL CHLORIDE	4.57	62	259583	9.26	PPBV		100
10) 1,3-BUTADIENE	4.64	54	183868	8.85	PPBV		99
11) n-BUTANE	4.66	43	385051	9.37	PPBV		99
12) BROMOMETHANE	4.80	94	217150	9.40	PPBV		100
13) CHLOROETHANE	4.88	64	134934	9.21	PPBV		99
14) DICHLOROFLUOROMETHANE	4.93	67	488997	9.31	PPBV		100
15) ACETONITRILE	5.10	41	176579	10.31	PPBV		95
16) FREON 123	5.14	83	502756	9.76	PPBV		100
17) FREON 123A	5.18	117	282454	9.79	PPBV		100
18) TRICHLOROFLUOROMETHANE	5.32	101	491514	9.77	PPBV		100
19) ISOPROPYL ALCOHOL	5.36	45	411824	8.55	PPBV		100
20) ACETONE	5.21	58	112052	8.91	PPBV		98
21) PENTANE	5.49	42	247161	9.19	PPBV		99
22) TVHC as EQUIV PENTANE	5.49	TIC	1404170m	10.09	PPBV		
23) IODOMETHANE	5.66	142	535088	10.42	PPBV		99
24) 1,1-DICHLOROETHYLENE	5.70	96	211352	9.68	PPBV		99
25) CARBON DISULFIDE	5.97	76	615238	9.71	PPBV		100
26) ETHANOL	4.97	45	97479	8.55	PPBV		99
27) BROMOETHENE	5.08	106	214277	9.90	PPBV		100
28) ACRYLONITRILE	5.50	52	139090	10.27	PPBV		99
29) METHYLENE CHLORIDE	5.78	84	198311	9.32	PPBV		99
30) 3-CHLOROPROPENE	5.83	76	102044	10.13	PPBV		98
31) FREON 113	5.92	151	348367	10.31	PPBV		98
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	207492	10.26	PPBV		99
33) TERTIARY BUTYL ALCOHOL	5.71	59	472059	9.15	PPBV		99
34) METHYL TERTIARY BUTYL ETHE	6.52	73	578060	9.38	PPBV		99
35) TETRAHYDROFURAN	7.66	72	106660	9.68	PPBV		99
36) HEXANE	7.21	57	354428	9.46	PPBV		99
37) VINYL ACETATE	6.61	86	46334	9.80	PPBV	#	94
38) 1,1-DICHLOROETHANE	6.51	63	403697	9.49	PPBV		100
39) METHYL ETHYL KETONE	6.78	72	105576	9.24	PPBV		98
40) cis-1,2-DICHLOROETHYLENE	7.16	96	210701	10.15	PPBV		99
41) DIISOPROPYL ETHER	7.21	45	807807	9.10	PPBV		94
42) ETHYL ACETATE	7.28	61	81176	9.55	PPBV		98
43) METHYL ACRYLATE	7.29	55	361933	9.40	PPBV		99
44) CHLOROFORM	7.36	83	407159	9.88	PPBV		99
45) 2,4-DIMETHYLPENTANE	7.90	57	451783	9.48	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.15	97	398717	9.82	PPBV		99
47) CARBON TETRACHLORIDE	8.68	117	404669	10.25	PPBV		100
48) 1,2-DICHLOROETHANE	7.94	62	244518	10.19	PPBV		100
50) BENZENE	8.55	78	651056	10.24	PPBV		100
51) CYCLOHEXANE	8.72	84	353540	10.07	PPBV		97
52) 2,3-DIMETHYLPENTANE	8.90	71	160492	9.54	PPBV		99

(#) = qualifier out of range (m) = manual integration
3W38387.D M3W1462.M Tue Jan 21 10:36:17 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38387.D Vial: 3
Acq On : 20 Jan 2014 1:59 pm Operator: YOUMINH
Sample : BSD Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:21 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

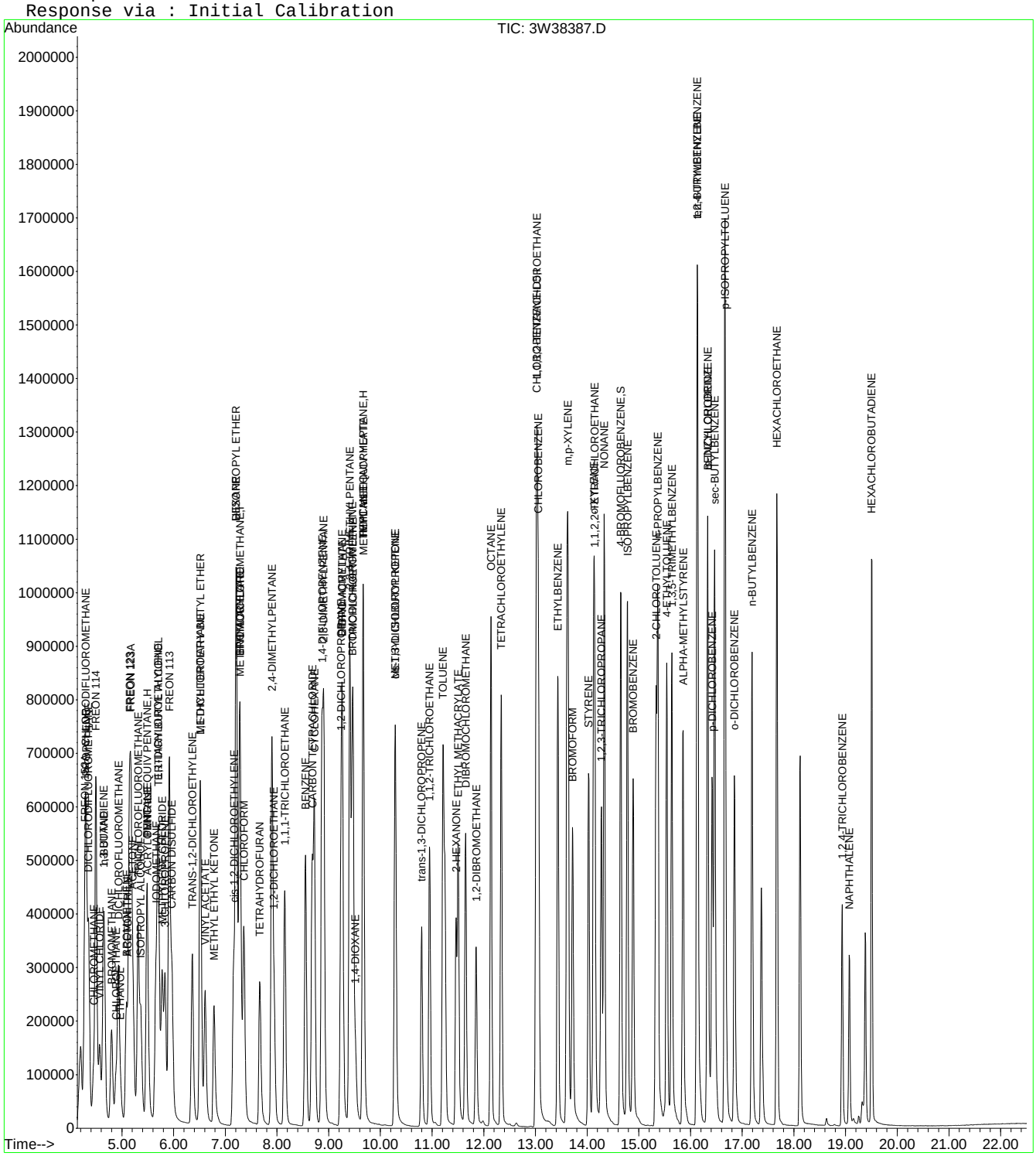
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.47	95	250115	10.30	PPBV	98
54)	1,2-DICHLOROPROPANE	9.23	63	260598	10.34	PPBV	99
55)	DIBROMOMETHANE	9.26	174	227644	11.76	PPBV	98
56)	ETHYL ACRYLATE	9.26	55	440160	9.84	PPBV	100
57)	BROMODICHLOROMETHANE	9.45	83	411281	11.03	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	1125458	9.91	PPBV	100
59)	1,4-DIOXANE	9.52	88	131376	9.10	PPBV	98
60)	HEPTANE	9.66	43	429500	9.42	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.66	TIC	2683191m	10.51	PPBV	
62)	METHYL METHACRYLATE	9.68	69	220801	10.56	PPBV	98
63)	METHYL ISOBUTYL KETONE	10.28	58	177471	10.04	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.29	75	350576	11.21	PPBV	97
65)	TOLUENE	11.21	92	418928	10.63	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.80	75	289909	11.39	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.95	83	212169	10.62	PPBV	100
69)	2-HEXANONE	11.47	58	239642	9.97	PPBV	99
70)	ETHYL METHACRYLATE	11.50	69	347293	10.37	PPBV	98
71)	TETRACHLOROETHYLENE	12.34	164	259487	11.13	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.65	129	396778	12.41	PPBV	100
73)	1,2-DIBROMOETHANE	11.85	107	324508	11.27	PPBV	100
74)	OCTANE	12.14	43	569730	9.98	PPBV	98
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	299537	11.95	PPBV	100
76)	CHLOROBENZENE	13.06	112	503739	11.17	PPBV	99
77)	ETHYLBENZENE	13.44	91	838211	11.11	PPBV	100
78)	m,p-XYLENE	13.63	106	644478	23.13	PPBV	98
79)	o-XYLENE	14.12	106	315099	11.50	PPBV	98
80)	STYRENE	14.03	104	449070	11.81	PPBV	100
81)	NONANE	14.33	43	555015	11.13	PPBV	98
82)	BROMOFORM	13.72	173	367579	12.75	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	476522	11.03	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.28	75	380639	11.06	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	908710	11.36	PPBV	99
87)	BROMOBENZENE	14.89	77	419515	10.86	PPBV	97
88)	2-CHLOROTOLUENE	15.33	126	227289	11.62	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	241853	11.66	PPBV	99
90)	4-ETHYLTOLUENE	15.54	105	774598	12.04	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	684668	11.88	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.86	118	327760	11.36	PPBV	99
93)	tert-BUTYLBENZENE	16.13	134	168843	12.18	PPBV	97
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	644267	12.06	PPBV	99
95)	m-DICHLOROBENZENE	16.33	146	395253	12.05	PPBV	100
96)	BENZYL CHLORIDE	16.33	91	511089	11.53	PPBV	99
97)	p-DICHLOROBENZENE	16.42	146	387309	11.87	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	201948	11.86	PPBV	96
99)	p-ISOPROPYLTOLUENE	16.67	134	211129	12.29	PPBV	98
100)	o-DICHLOROBENZENE	16.85	146	381987	12.00	PPBV	99
101)	n-BUTYLBENZENE	17.19	134	176781	11.47	PPBV	96
102)	HEXACHLOROETHANE	17.67	117	301620	12.11	PPBV	98
103)	HEXACHLOROBUTADIENE	19.51	225	246745	11.33	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.94	180	175672	11.16	PPBV	99
105)	NAPHTHALENE	19.07	128	327234	10.13	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38387.D M3W1462.M Tue Jan 21 10:36:17 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38387.D Vial: 3
Acq On : 20 Jan 2014 1:59 pm Operator: YOUMINH
Sample : BSD Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: M3W1462.RES

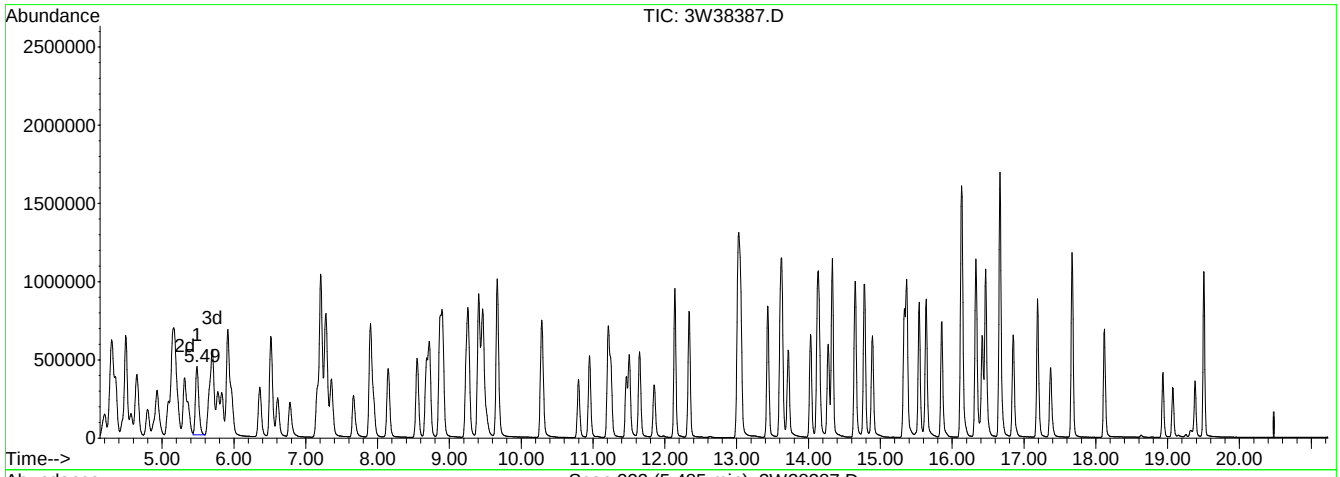
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration

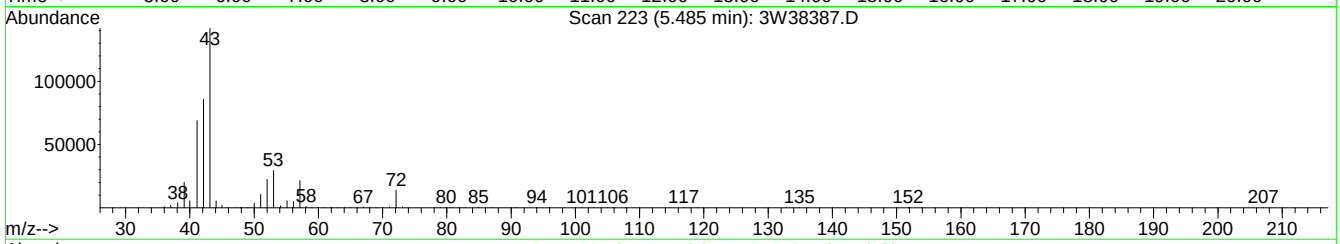


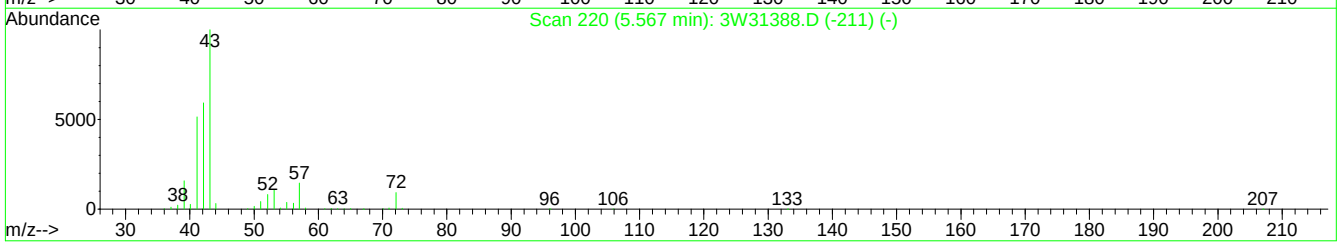
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38387.D Vial: 3
Acq On : 20 Jan 2014 1:59 pm Operator: YOUMINH
Sample : BSD Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration







TIC: 3W38387.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 10.09PPBV m

response 1404170

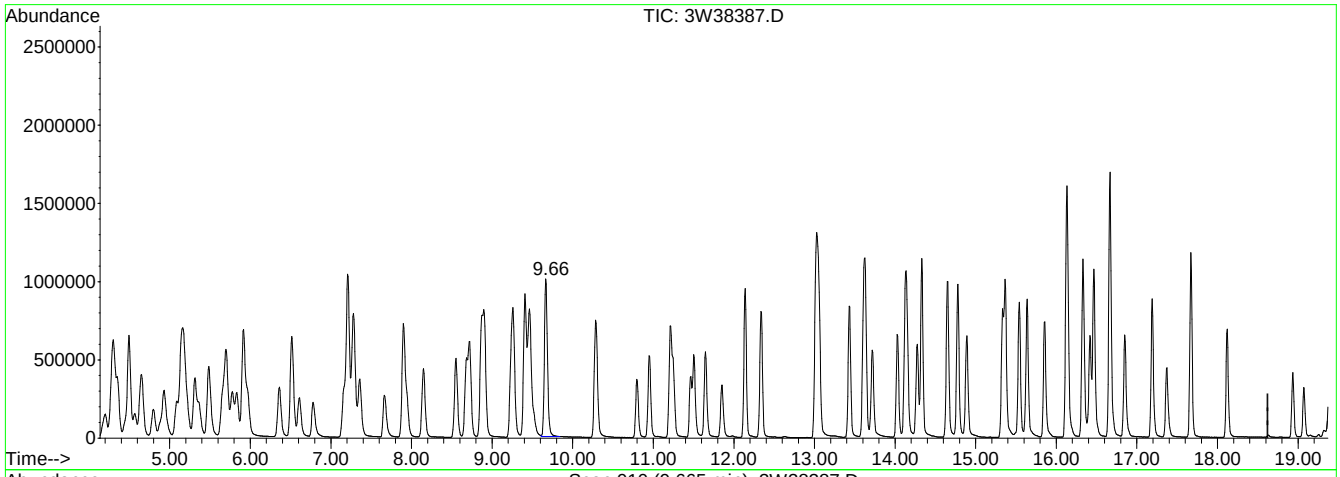
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	2.90#
0.00	2.80	2.55#
0.00	0.00	0.00

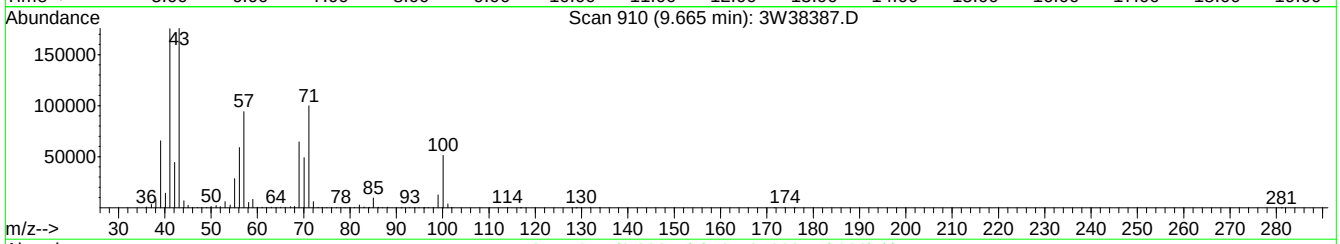
3W38387.D M3W1462.M Tue Jan 21 10:34:02 2014 MS3W

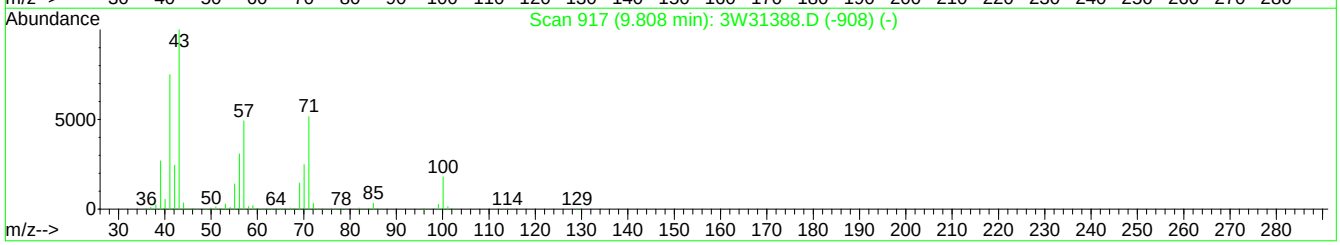
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38387.D Vial: 3
Acq On : 20 Jan 2014 1:59 pm Operator: YOUMINH
Sample : BSD Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:52 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration







TIC: 3W38387.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 10.51PPBV m

response 2683191

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.52#
0.00	1.40	1.34#
0.00	0.00	0.00

3W38387.D M3W1462.M Tue Jan 21 10:38:21 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38127.D Vial: 3
Acq On : 7 Jan 2014 10:29 am Operator: YOUMINH
Sample : BS2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:32 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	102064	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	516452	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	253175	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	252616	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.65	95	304911	10.84	PPBV	-0.01
Spiked Amount 10.000	Range 65 - 128		Recovery = 108.40%			
Target Compounds						Qvalue
3) FREON 152A	4.29	65	98641	10.94	PPBV	95
4) CHLORODIFLUOROMETHANE	4.31	67	38549	11.76	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.37	85	354663	11.31	PPBV	99
6) PROPYLENE	4.33	41	135697	10.98	PPBV	98
7) FREON 114	4.51	85	355030	10.27	PPBV	97
8) CHLOROMETHANE	4.47	50	172195	10.91	PPBV	98
9) VINYL CHLORIDE	4.59	62	163280	10.94	PPBV	100
10) 1,3-BUTADIENE	4.65	54	113005	9.86	PPBV	97
11) n-BUTANE	4.67	43	243079	10.56	PPBV	98
12) BROMOMETHANE	4.81	94	137067	10.09	PPBV	99
13) CHLOROETHANE	4.90	64	83119	10.56	PPBV	99
14) DICHLOROFLUOROMETHANE	4.95	67	324132	10.57	PPBV	99
15) ACETONITRILE	5.12	41	109989	9.77	PPBV	98
16) FREON 123	5.16	83	328087	10.12	PPBV	99
17) FREON 123A	5.19	117	183170	10.07	PPBV	91
18) TRICHLOROFLUOROMETHANE	5.33	101	332021	10.72	PPBV	100
19) ISOPROPYL ALCOHOL	5.38	45	268136	9.47	PPBV	100
20) ACETONE	5.23	58	69123	9.41	PPBV	94
21) PENTANE	5.49	42	159939	10.58	PPBV	99
22) TVHC as EQUIV PENTANE	5.50	TIC	914687m	11.09	PPBV	
23) IODOMETHANE	5.67	142	348608	10.17	PPBV	94
24) 1,1-DICHLOROETHYLENE	5.71	96	135071	9.85	PPBV	91
25) CARBON DISULFIDE	5.98	76	400003	9.84	PPBV	98
26) ETHANOL	4.98	45	60420	9.15	PPBV	98
27) BROMOETHENE	5.10	106	137306	10.35	PPBV	99
28) ACRYLONITRILE	5.52	52	88239	10.56	PPBV	99
29) METHYLENE CHLORIDE	5.79	84	121373	8.38	PPBV	90
30) 3-CHLOROPROPENE	5.85	76	63769	10.35	PPBV	93
31) FREON 113	5.93	151	224896	10.14	PPBV	97
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	130725	10.09	PPBV	96
33) TERTIARY BUTYL ALCOHOL	5.73	59	320891	10.21	PPBV	97
34) METHYL TERTIARY BUTYL ETHE	6.53	73	380103	9.74	PPBV	99
35) TETRAHYDROFURAN	7.68	72	67413	10.05	PPBV	98
36) HEXANE	7.22	57	258403	10.87	PPBV	99
37) VINYL ACETATE	6.63	86	28045	9.65	PPBV #	92
38) 1,1-DICHLOROETHANE	6.53	63	260472	10.04	PPBV	99
39) METHYL ETHYL KETONE	6.80	72	64809	9.69	PPBV	99
40) cis-1,2-DICHLOROETHYLENE	7.17	96	135717	9.95	PPBV	96
41) DIISOPROPYL ETHER	7.23	45	528699	9.72	PPBV	100
42) ETHYL ACETATE	7.29	61	50561	9.57	PPBV	96
43) METHYL ACRYLATE	7.31	55	227284	9.22	PPBV	98
44) CHLOROFORM	7.37	83	270414	10.09	PPBV	98
45) 2,4-DIMETHYLPENTANE	7.91	57	283548	9.99	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.16	97	273588	10.28	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	280058	10.62	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	160570	10.55	PPBV	99
50) BENZENE	8.56	78	418410	9.66	PPBV	99
51) CYCLOHEXANE	8.73	84	227047	10.25	PPBV	98

(#) = qualifier out of range (m) = manual integration
3W38127.D M3W1416.M Tue Jan 07 14:14:39 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38127.D Vial: 3
Acq On : 7 Jan 2014 10:29 am Operator: YOUMINH
Sample : BS2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:32 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

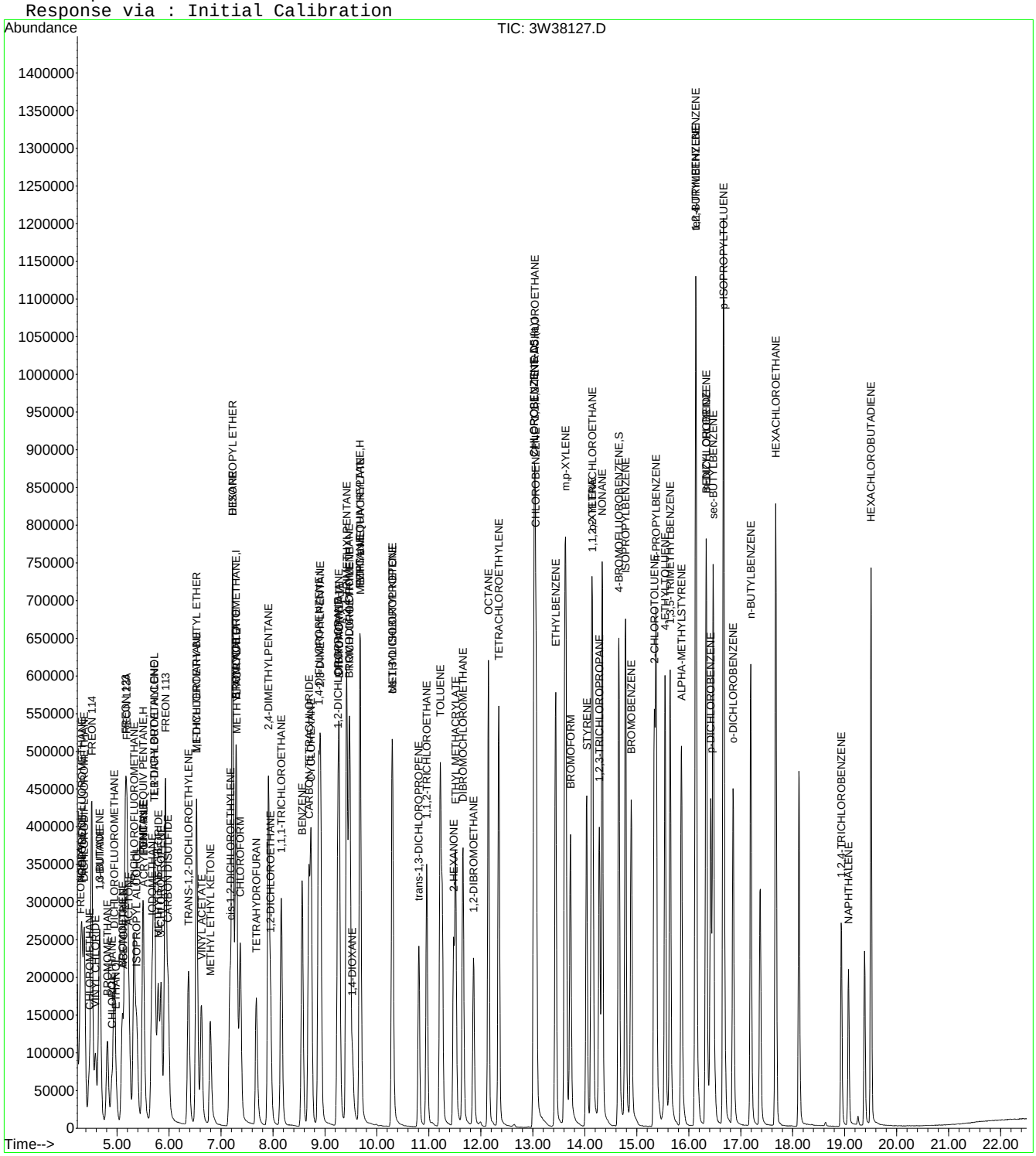
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.91	71	101530	9.51	PPBV	99
53)	TRICHLOROETHYLENE	9.48	95	163206	9.51	PPBV	98
54)	1,2-DICHLOROPROPANE	9.25	63	168745	9.41	PPBV	99
55)	DIBROMOMETHANE	9.27	174	152780	9.93	PPBV	97
56)	ETHYL ACRYLATE	9.28	55	289232	9.20	PPBV	99
57)	BROMODICHLOROMETHANE	9.46	83	278579	9.91	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	720753	9.73	PPBV	100
59)	1,4-DIOXANE	9.53	88	86039	8.36	PPBV	98
60)	HEPTANE	9.67	43	270875	9.76	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.67	TIC	1736674m	10.03	PPBV	
62)	METHYL METHACRYLATE	9.69	69	143679	9.50	PPBV	94
63)	METHYL ISOBUTYL KETONE	10.29	58	117003	9.31	PPBV	100
64)	cis-1,3-DICHLOROPROPENE	10.30	75	226537	9.78	PPBV	98
65)	TOLUENE	11.22	92	277507	9.92	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	186127	10.01	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.96	83	139598	9.99	PPBV	100
69)	2-HEXANONE	11.47	58	155838	9.35	PPBV	98
70)	ETHYL METHACRYLATE	11.52	69	231366	9.51	PPBV	96
71)	TETRACHLOROETHYLENE	12.34	164	177729	9.64	PPBV	97
72)	DIBROMOCHLOROMETHANE	11.66	129	276249	10.20	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	212815	9.73	PPBV	100
74)	OCTANE	12.14	43	356188	9.64	PPBV	100
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	205452	10.30	PPBV	99
76)	CHLOROBENZENE	13.06	112	333168	10.08	PPBV	99
77)	ETHYLBENZENE	13.44	91	564044	9.69	PPBV	99
78)	m,p-XYLENE	13.63	106	428088	20.23	PPBV	99
79)	o-XYLENE	14.13	106	210657	10.23	PPBV	98
80)	STYRENE	14.04	104	298231	10.30	PPBV	99
81)	NONANE	14.33	43	358301	9.90	PPBV	100
82)	BROMOFORM	13.73	173	255748	10.31	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	328477	9.85	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.28	75	248174	9.83	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	621198	10.16	PPBV	99
87)	BROMOBENZENE	14.89	77	269322	9.44	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	151293	10.80	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	161029	10.54	PPBV	98
90)	4-ETHYLTOLUENE	15.54	105	531405	10.87	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	465443	10.39	PPBV	98
92)	ALPHA-METHYLSTYRENE	15.86	118	221671	10.73	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	111420	10.68	PPBV	99
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	439678	10.55	PPBV	99
95)	m-DICHLOROBENZENE	16.34	146	270055	10.71	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	346309	10.31	PPBV	99
97)	p-DICHLOROBENZENE	16.42	146	259269	10.29	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	133592	10.92	PPBV	96
99)	p-ISOPROPYLTOLUENE	16.67	134	140846	10.83	PPBV	97
100)	o-DICHLOROBENZENE	16.85	146	261495	10.61	PPBV	98
101)	n-BUTYLBENZENE	17.19	134	118849	10.78	PPBV	94
102)	HEXACHLOROETHANE	17.67	117	212122	10.21	PPBV	97
103)	HEXACHLOROBUTADIENE	19.50	225	168671	9.74	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	117796	9.09	PPBV	100
106)	NAPHTHALENE	19.07	128	200892	8.23	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38127.D M3W1416.M Tue Jan 07 14:14:39 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38127.D Vial: 3
Acq On : 7 Jan 2014 10:29 am Operator: YOUMINH
Sample : BS2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:09 2014 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

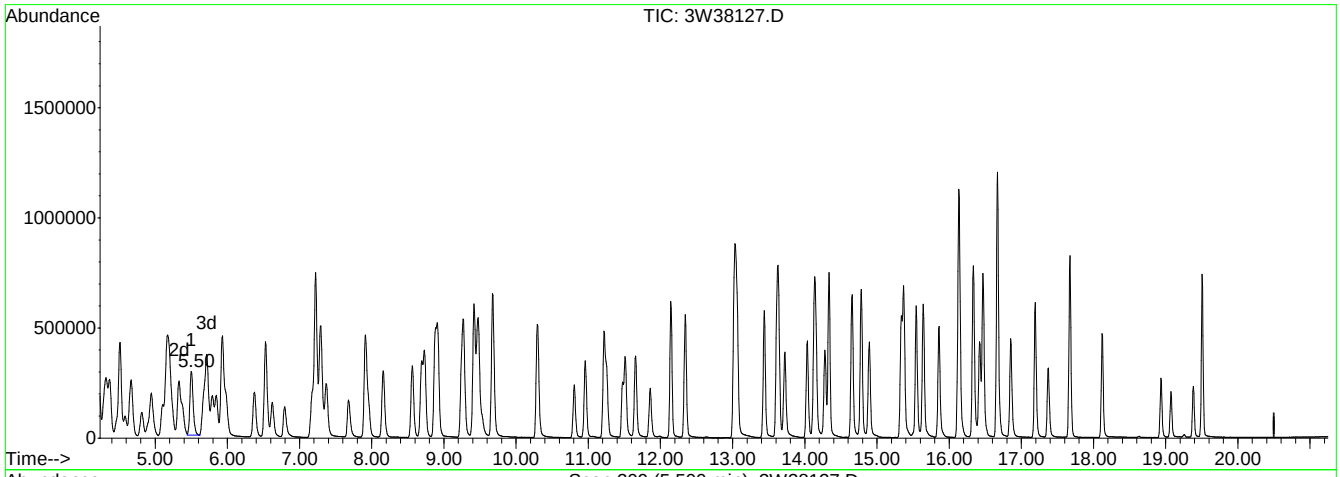


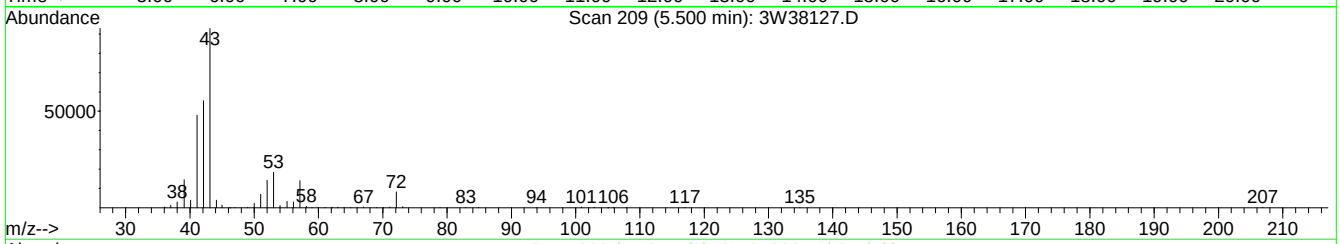
ACCUTEST LABORATORIES JB58146

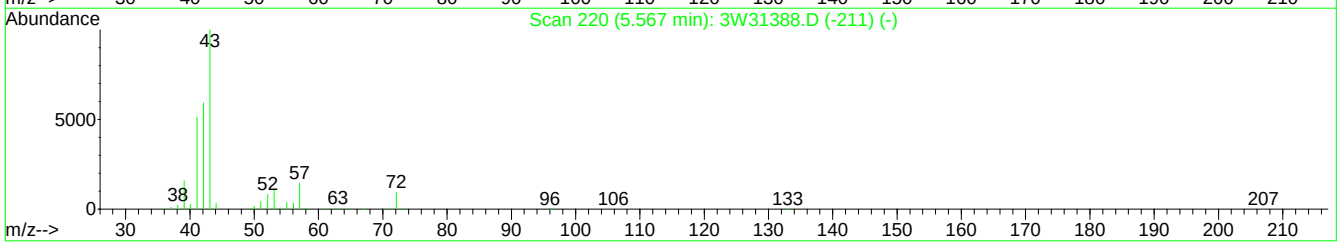
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38127.D Vial: 3
Acq On : 7 Jan 2014 10:29 am Operator: YOUMINH
Sample : BS2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:09 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38127.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 11.09PPBV m

response 914687

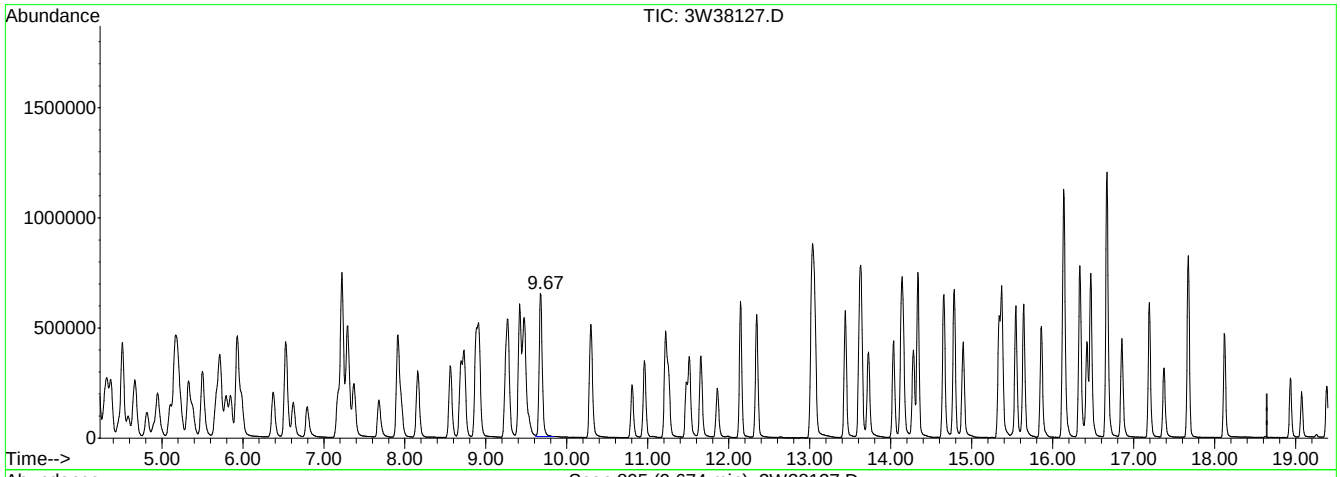
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	2.77#
0.00	3.40	2.42#
0.00	0.00	0.00

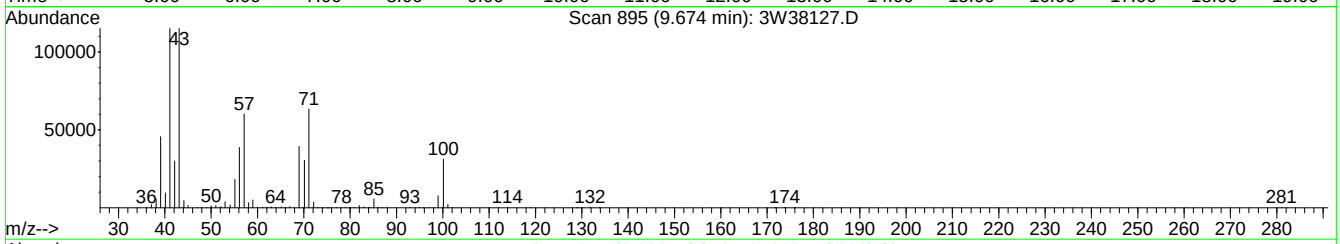
3W38127.D M3W1416.M Tue Jan 07 14:14:54 2014 MS3W

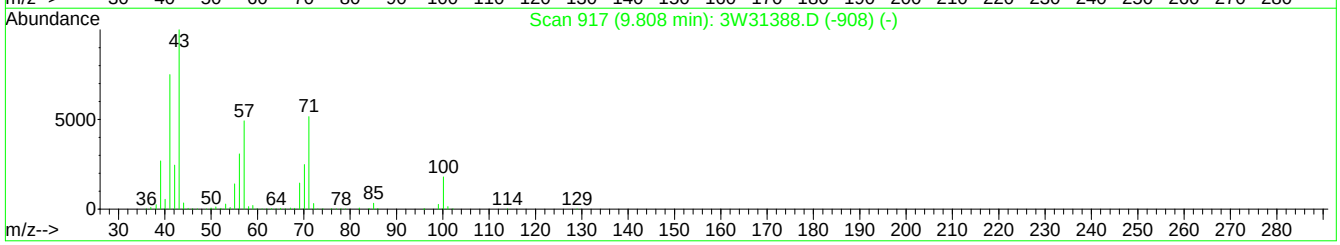
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38127.D Vial: 3
Acq On : 7 Jan 2014 10:29 am Operator: YOUMINH
Sample : BS2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:09 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38127.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 10.03PPBV m

response 1736674

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.46#
0.00	1.60	1.28#
0.00	0.00	0.00

3W38127.D M3W1416.M Tue Jan 07 14:17:05 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38128.D Vial: 3
Acq On : 7 Jan 2014 11:08 am Operator: YOUMINH
Sample : BSD2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:34 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	103995	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	534270	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	263827	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	263827	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	315475	10.76	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 107.60%			
Target Compounds						Qvalue
3) FREON 152A	4.29	65	100147	10.90	PPBV	97
4) CHLORODIFLUOROMETHANE	4.31	67	39019	11.68	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.37	85	352025	11.02	PPBV	99
6) PROPYLENE	4.33	41	135517	10.76	PPBV	99
7) FREON 114	4.51	85	363981	10.33	PPBV	98
8) CHLOROMETHANE	4.47	50	172985	10.76	PPBV	98
9) VINYL CHLORIDE	4.59	62	163094	10.73	PPBV	100
10) 1,3-BUTADIENE	4.65	54	114926	9.84	PPBV	98
11) n-BUTANE	4.68	43	244672	10.43	PPBV	98
12) BROMOMETHANE	4.82	94	141082	10.19	PPBV	99
13) CHLOROETHANE	4.90	64	85316	10.63	PPBV	98
14) DICHLOROFLUOROMETHANE	4.95	67	329297	10.53	PPBV	100
15) ACETONITRILE	5.12	41	110797	9.66	PPBV	99
16) FREON 123	5.16	83	337179	10.20	PPBV	99
17) FREON 123A	5.20	117	189799	10.24	PPBV	92
18) TRICHLOROFLUOROMETHANE	5.33	101	341253	10.81	PPBV	100
19) ISOPROPYL ALCOHOL	5.37	45	275688	9.56	PPBV	99
20) ACETONE	5.23	58	71223	9.52	PPBV	94
21) PENTANE	5.50	42	163041	10.58	PPBV	100
22) TVHC as EQUIV PENTANE	5.50	TIC	937582m	11.16	PPBV	
23) IODOMETHANE	5.67	142	357197	10.22	PPBV	95
24) 1,1-DICHLOROETHYLENE	5.71	96	138841	9.94	PPBV	93
25) CARBON DISULFIDE	5.99	76	411058	9.93	PPBV	96
26) ETHANOL	4.98	45	63193	9.39	PPBV	97
27) BROMOETHENE	5.10	106	141623	10.48	PPBV	99
28) ACRYLONITRILE	5.52	52	91811	10.78	PPBV	100
29) METHYLENE CHLORIDE	5.79	84	124419	8.43	PPBV	91
30) 3-CHLOROPROPENE	5.85	76	65103	10.37	PPBV	93
31) FREON 113	5.93	151	232180	10.27	PPBV	98
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	136549	10.34	PPBV	98
33) TERTIARY BUTYL ALCOHOL	5.72	59	333987	10.43	PPBV	98
34) METHYL TERTIARY BUTYL ETHE	6.53	73	390943	9.83	PPBV	99
35) TETRAHYDROFURAN	7.68	72	68773	10.06	PPBV	97
36) HEXANE	7.22	57	242540	10.01	PPBV	99
37) VINYL ACETATE	6.63	86	29525	9.97	PPBV	100
38) 1,1-DICHLOROETHANE	6.53	63	265821	10.06	PPBV	99
39) METHYL ETHYL KETONE	6.80	72	67007	9.84	PPBV	98
40) cis-1,2-DICHLOROETHYLENE	7.17	96	139861	10.06	PPBV	97
41) DIISOPROPYL ETHER	7.23	45	539919	9.74	PPBV	100
42) ETHYL ACETATE	7.30	61	50205	9.33	PPBV #	93
43) METHYL ACRYLATE	7.31	55	235800	9.39	PPBV	98
44) CHLOROFORM	7.37	83	277429	10.16	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.92	57	291660	10.08	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.16	97	281952	10.39	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	289291	10.77	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	167121	10.78	PPBV	100
50) BENZENE	8.56	78	433630	9.68	PPBV	100
51) CYCLOHEXANE	8.73	84	234143	10.21	PPBV	97

(#) = qualifier out of range (m) = manual integration
3W38128.D M3W1416.M Tue Jan 07 14:15:10 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38128.D Vial: 3
Acq On : 7 Jan 2014 11:08 am Operator: YOUMINH
Sample : BSD2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:34 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

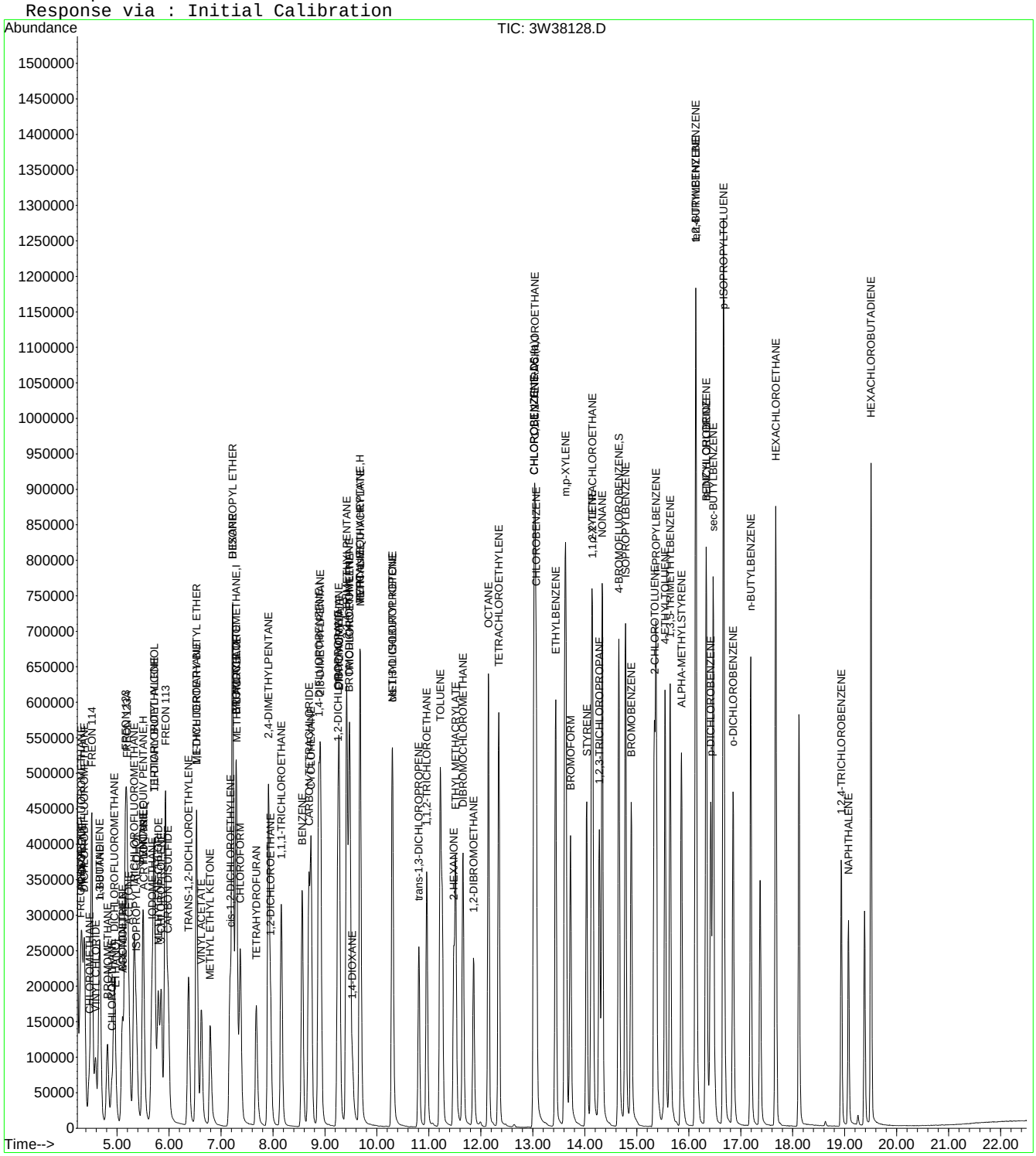
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.91	71	104422	9.45	PPBV	98
53)	TRICHLOROETHYLENE	9.48	95	170450	9.60	PPBV	98
54)	1,2-DICHLOROPROPANE	9.25	63	174061	9.38	PPBV	99
55)	DIBROMOMETHANE	9.27	174	158652	9.97	PPBV	97
56)	ETHYL ACRYLATE	9.28	55	294171	9.04	PPBV	99
57)	BROMODICHLOROMETHANE	9.46	83	287993	9.90	PPBV	99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	744030	9.71	PPBV	100
59)	1,4-DIOXANE	9.53	88	87320	8.20	PPBV	99
60)	HEPTANE	9.67	43	278463	9.70	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.67	TIC	1807062m	10.09	PPBV	
62)	METHYL METHACRYLATE	9.69	69	147293	9.42	PPBV	93
63)	METHYL ISOBUTYL KETONE	10.29	58	118414	9.11	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.30	75	239057	9.98	PPBV	99
65)	TOLUENE	11.22	92	291073	10.06	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	196534	10.22	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.96	83	146015	10.10	PPBV	99
69)	2-HEXANONE	11.48	58	157479	9.07	PPBV	99
70)	ETHYL METHACRYLATE	11.52	69	235349	9.28	PPBV	97
71)	TETRACHLOROETHYLENE	12.34	164	184300	9.60	PPBV	97
72)	DIBROMOCHLOROMETHANE	11.66	129	287268	10.18	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	226031	9.92	PPBV	100
74)	OCTANE	12.14	43	368204	9.56	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	211391	10.17	PPBV	100
76)	CHLOROBENZENE	13.07	112	349236	10.14	PPBV	99
77)	ETHYLBENZENE	13.44	91	588666	9.70	PPBV	100
78)	m,p-XYLENE	13.63	106	447036	20.27	PPBV	98
79)	o-XYLENE	14.13	106	217810	10.15	PPBV	98
80)	STYRENE	14.04	104	312274	10.35	PPBV	100
81)	NONANE	14.33	43	366158	9.71	PPBV	100
82)	BROMOFORM	13.73	173	267941	10.37	PPBV	99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	334647	9.63	PPBV	99
85)	1,2,3-TRICHLOROPROPANE	14.28	75	259932	9.88	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	645343	10.13	PPBV	99
87)	BROMOBENZENE	14.89	77	283673	9.54	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	158113	10.83	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	168174	10.57	PPBV	98
90)	4-ETHYLTOLUENE	15.54	105	550002	10.79	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	482653	10.34	PPBV	98
92)	ALPHA-METHYLSTYRENE	15.86	118	228890	10.63	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	115548	10.62	PPBV	98
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	458956	10.57	PPBV	99
95)	m-DICHLOROBENZENE	16.34	146	284745	10.83	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	367377	10.49	PPBV	99
97)	p-DICHLOROBENZENE	16.43	146	273809	10.43	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	138280	10.84	PPBV	97
99)	p-ISOPROPYLTOLUENE	16.67	134	148938	10.99	PPBV	100
100)	o-DICHLOROBENZENE	16.85	146	275232	10.72	PPBV	99
101)	n-BUTYLBENZENE	17.19	134	125768	10.95	PPBV	95
102)	HEXACHLOROETHANE	17.67	117	221276	10.22	PPBV	98
103)	HEXACHLOROBUTADIENE	19.50	225	208307	11.54	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	155199	11.49	PPBV	99
106)	NAPHTHALENE	19.07	128	276724	10.85	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38128.D M3W1416.M Tue Jan 07 14:15:10 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38128.D Vial: 3
Acq On : 7 Jan 2014 11:08 am Operator: YOUMINH
Sample : BSD2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:09 2014 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

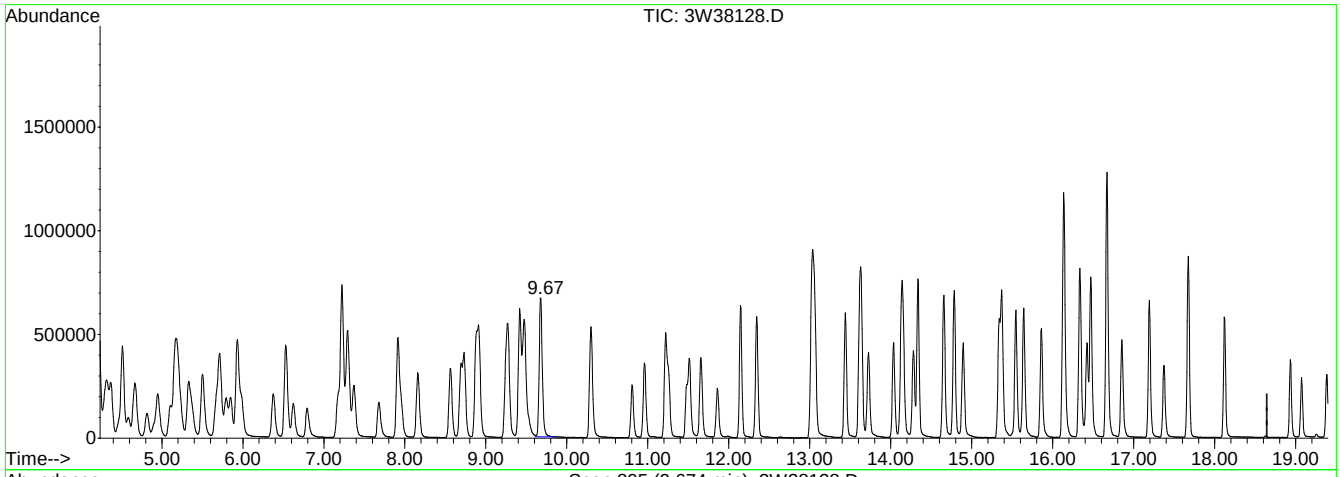


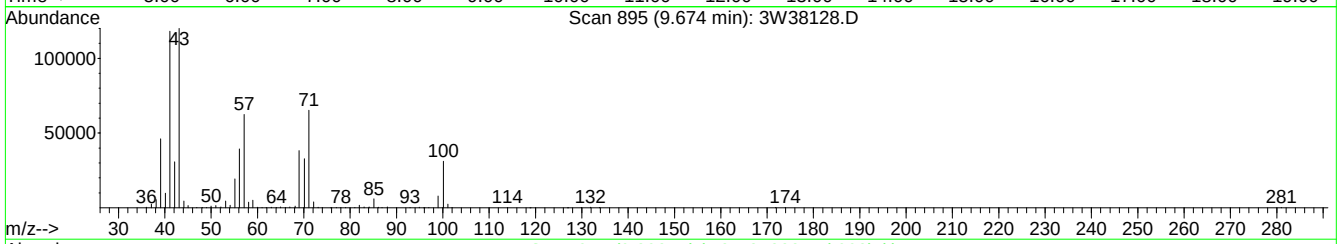
ACCUTEST LABORATORIES JB58146

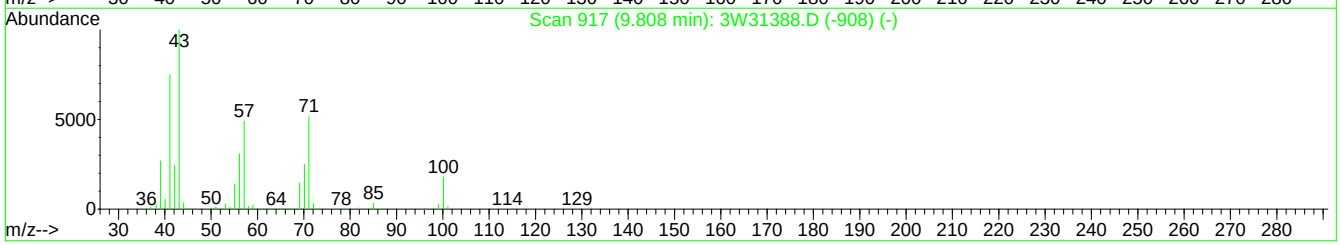
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38128.D Vial: 3
Acq On : 7 Jan 2014 11:08 am Operator: YOUMINH
Sample : BSD2 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:09 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38128.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 10.09PPBV m

response 1807062

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.90#
0.00	1.60	1.65#
0.00	0.00	0.00

3W38128.D M3W1416.M Tue Jan 07 14:17:15 2014 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 01/21/14 17:22

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2465.D
Acq On : 18 Jan 2014 5:05 pm
Operator : MIKEL1
Sample : JB57931-4DUP
Misc : ms61597,v5w99,608,,,,1.52
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 15:33:45 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

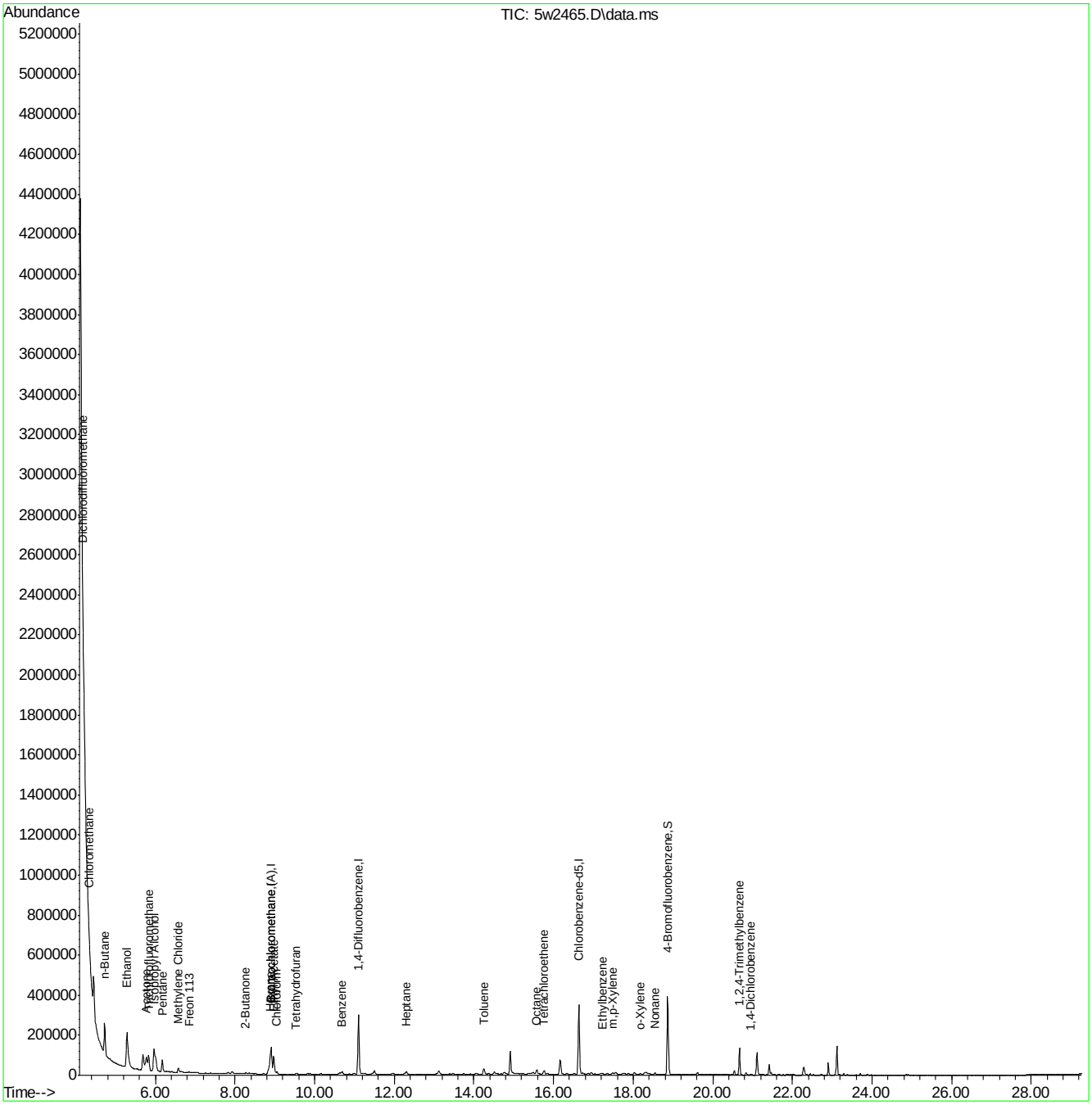
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.907	130	67948	10.00	ppb(v	# 0.05
50) 1,4-Difluorobenzene	11.104	114	279970	10.00	ppb(v	# 0.03
72) Chlorobenzene-d5	16.634	82	156081	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.907	130	67948	10.00	ppb(v	# 0.05
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	192008	9.77	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 97.70%			
Target Compounds						Qvalue
5) Dichlorodifluoromethane	4.172	85	46194	2.22	ppb(v	98
6) Chloromethane	4.331	50	6201	0.74	ppb(v	97
10) n-Butane	4.723	58	16049	11.37	ppb(v#	34
18) Trichlorofluoromethane	5.830	101	67748	3.54	ppb(v	99
19) Acetone	5.775	43	230720m	13.90	ppb(v	
20) Pentane	6.173	57	6403	2.90	ppb(v#	61
22) Isopropyl Alcohol	5.965	45	285863	14.23	ppb(v	99
24) Freon 113	6.840	101	4892m	0.28	ppb(v	
25) Methylene Chloride	6.577	84	9726m	1.14	ppb(v	
27) Ethanol	5.286	45	342159	72.74	ppb(v#	96
35) 2-Butanone	8.265	72	2837	0.67	ppb(v#	28
36) Hexane	8.883	57	9792m	0.63	ppb(v	
39) Ethyl Acetate	8.975	61	18416	5.77	ppb(v#	24
41) Chloroform	9.048	83	16622	0.91	ppb(v#	95
43) Tetrahydrofuran	9.531	72	800	0.19	ppb(v#	27
46) Benzene	10.688	78	16240	0.60	ppb(v#	96
52) Heptane	12.303	71	4171	0.48	ppb(v#	82
63) Toluene	14.254	91	23466	0.80	ppb(v	98
68) Tetrachloroethene	15.759	166	6646	0.61	ppb(v#	92
70) Octane	15.582	43	13068	0.54	ppb(v#	72
74) Ethylbenzene	17.240	91	3011	0.09	ppb(v	92
75) m,p-Xylene	17.491	91	6565	0.26	ppb(v	92
77) Nonane	18.549	43	4098	0.18	ppb(v#	77
78) o-Xylene	18.188	91	2396	0.09	ppb(v#	90
91) 1,2,4-Trimethylbenzene	20.666	105	3077	0.12	ppb(v#	66
94) 1,4-Dichlorobenzene	20.947	146	1628	0.11	ppb(v#	90

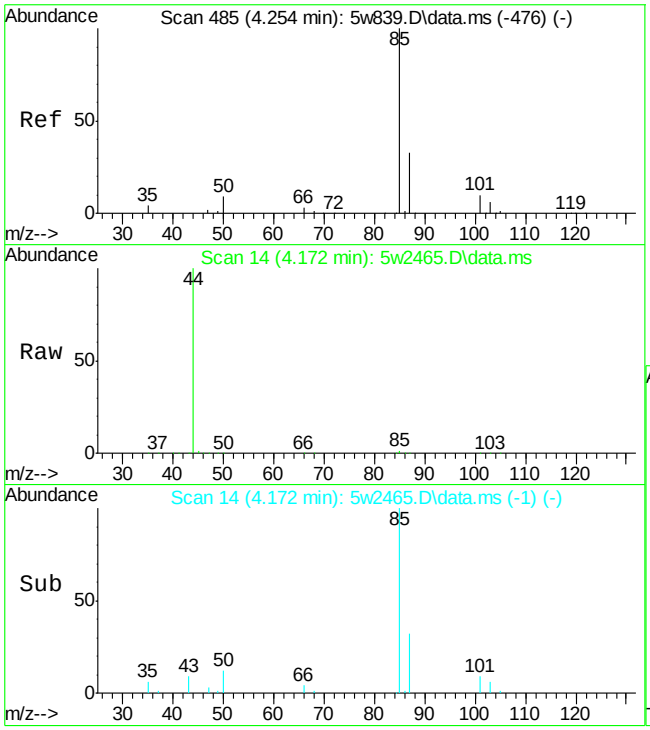
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2465.D
Acq On : 18 Jan 2014 5:05 pm
Operator : MIKEL1
Sample : JB57931-4DUP
Misc : ms61597,v5w99,608,,,,1.52
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 15:33:45 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

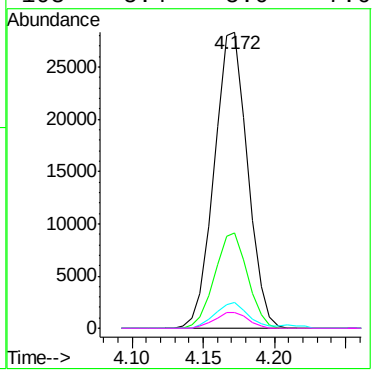


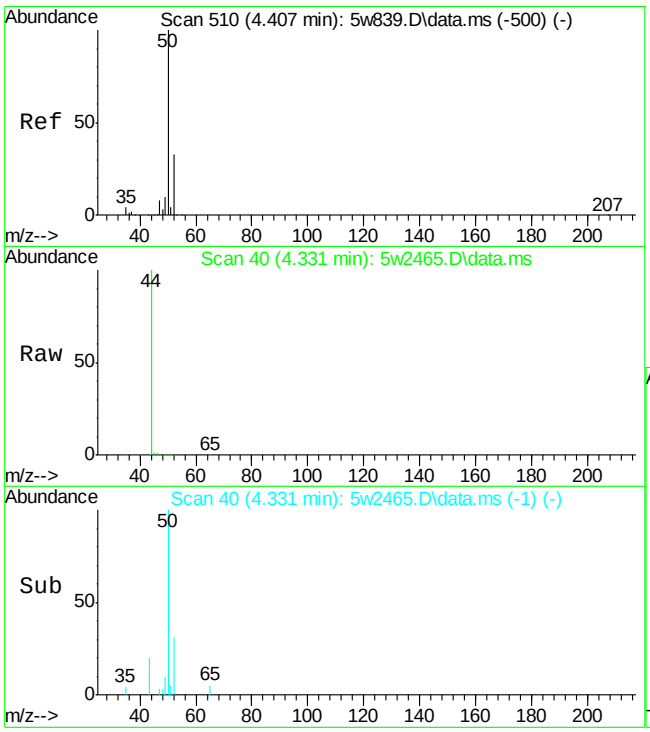


#5
Dichlorodifluoromethane
Concen: 2.22 ppb(v)
RT: 4.172 min Scan# 14
Delta R.T. -0.067 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 85 Resp: 46194

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.3	39.5
101	9.3	7.7	11.5
103	5.4	5.0	7.6

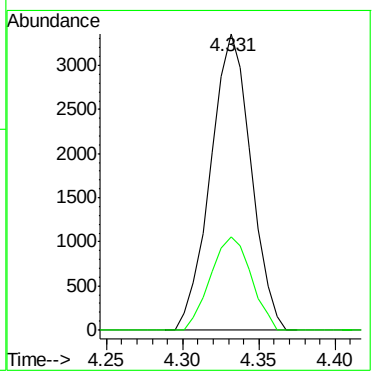


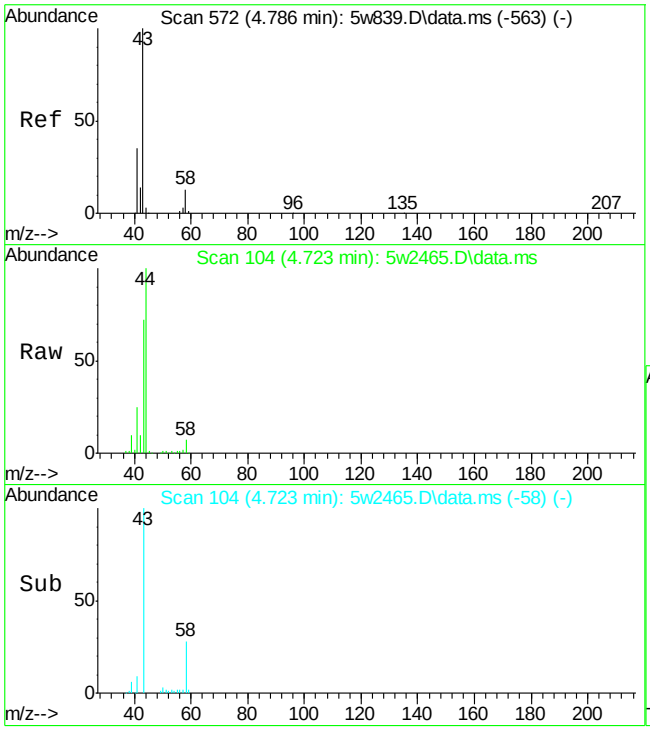


#6
Chloromethane
Concen: 0.74 ppb(v)
RT: 4.331 min Scan# 40
Delta R.T. -0.061 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 50 Resp: 6201

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.6	39.8

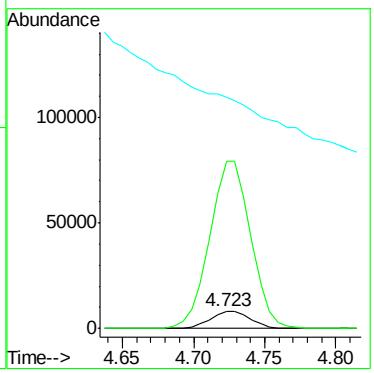


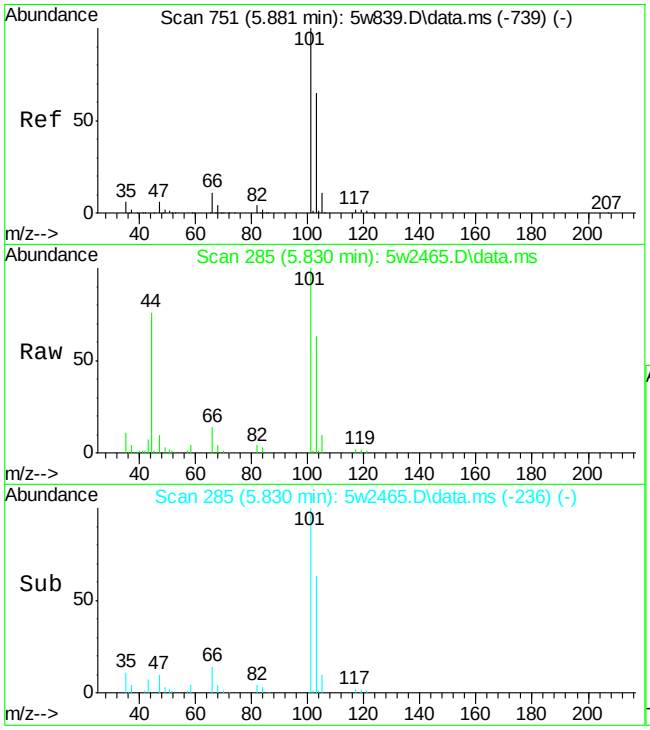


#10
n-Butane
Concen: 11.37 ppb(v)
RT: 4.723 min Scan# 104
Delta R.T. -0.049 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 58 Resp: 16049

Ion	Ratio	Lower	Upper
58	100		
43	999.5	605.8	908.6#
44	0.0	31.4	47.2#

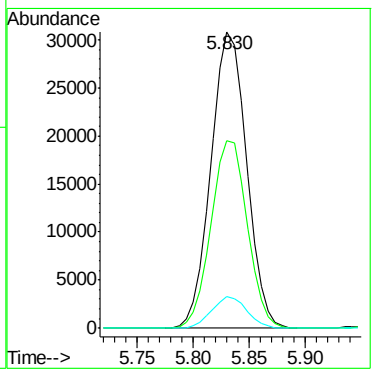


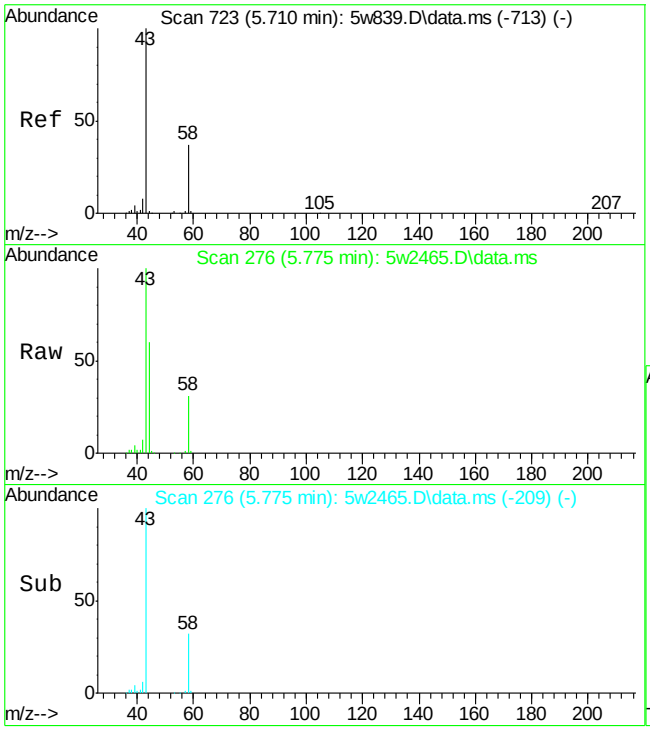


#18
Trichlorofluoromethane
Concen: 3.54 ppb(v)
RT: 5.830 min Scan# 285
Delta R.T. -0.031 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion:101 Resp: 67748

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.1	78.1
105	10.3	8.5	12.7

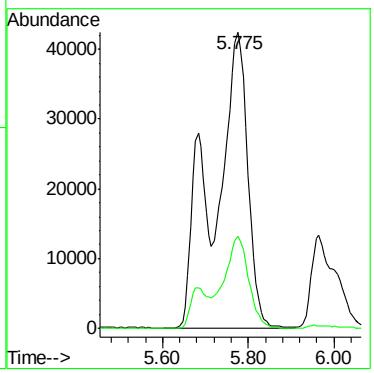


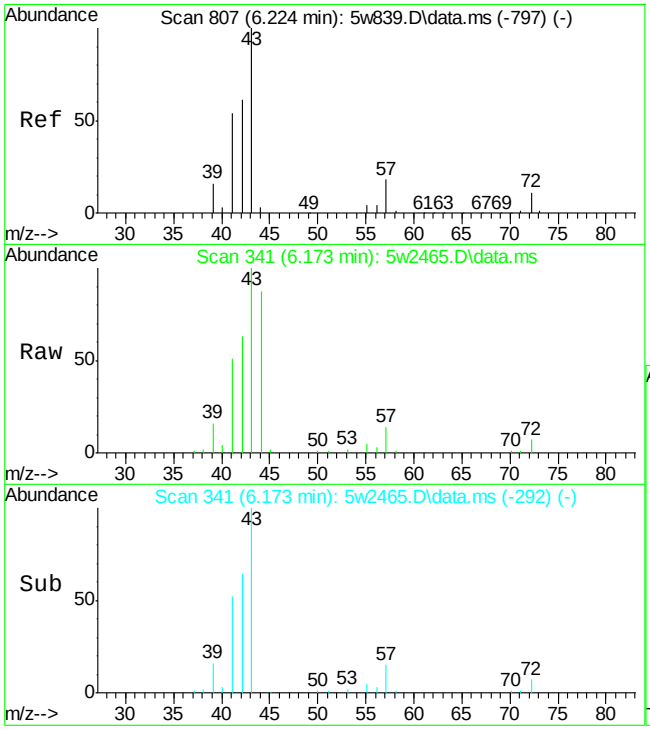


#19
Acetone
Concen: 13.90 ppb(v) m
RT: 5.775 min Scan# 276
Delta R.T. 0.079 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 43 Resp: 230720

Ion	Ratio	Lower	Upper
43	100		
58	8.5	29.4	44.0#

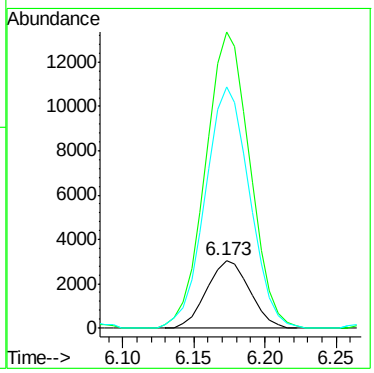


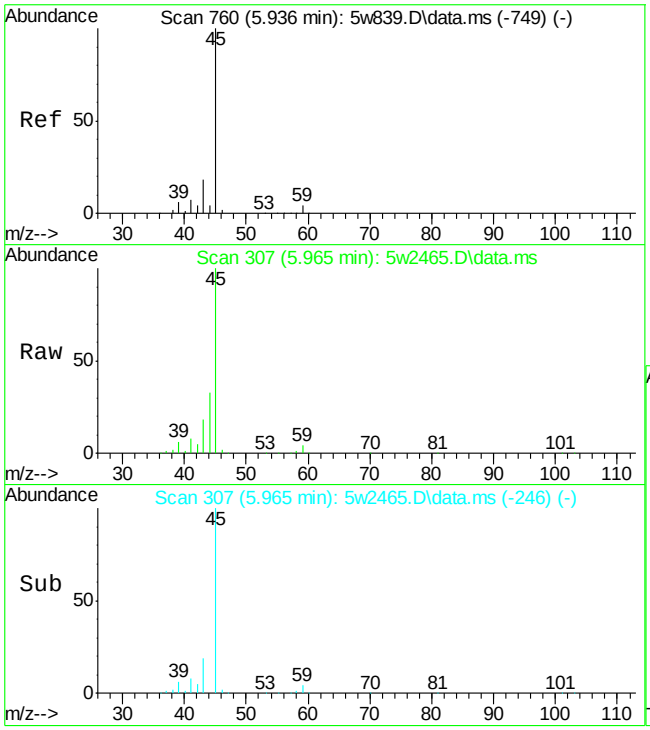


#20
Pentane
Concen: 2.90 ppb(v)
RT: 6.173 min Scan# 341
Delta R.T. -0.031 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 57 Resp: 6403

Ion	Ratio	Lower	Upper
57	100		
42	452.6	277.7	416.5#
41	368.6	249.3	373.9

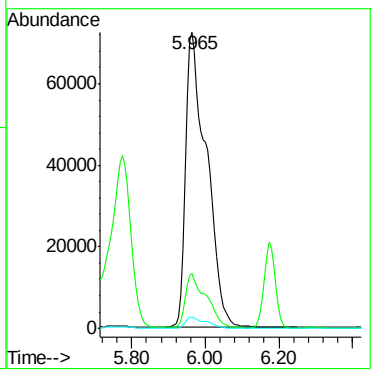


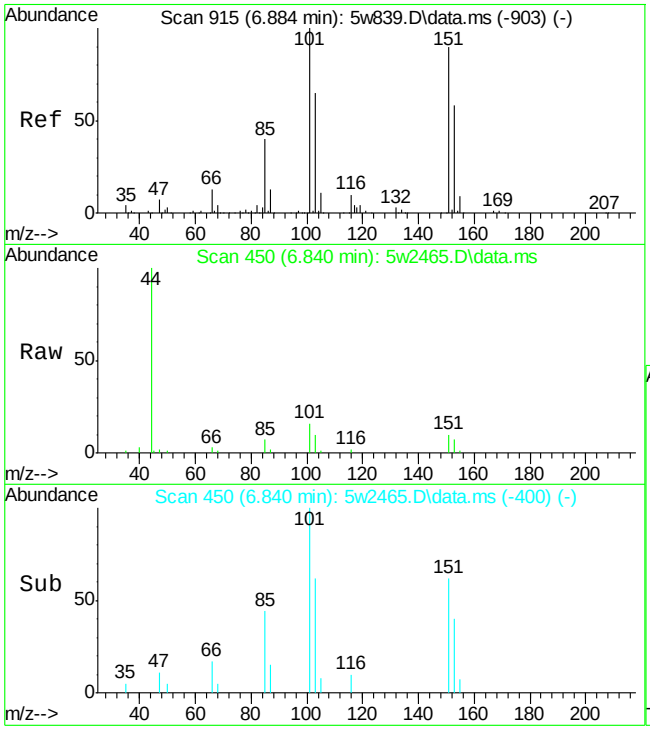


#22
Isopropyl Alcohol
Concen: 14.23 ppb(v)
RT: 5.965 min Scan# 307
Delta R.T. 0.043 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 45 Resp: 285863

Ion	Ratio	Lower	Upper
45	100		
43	18.2	14.6	22.0
59	3.7	3.5	5.3

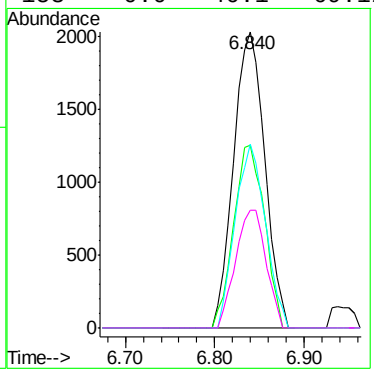


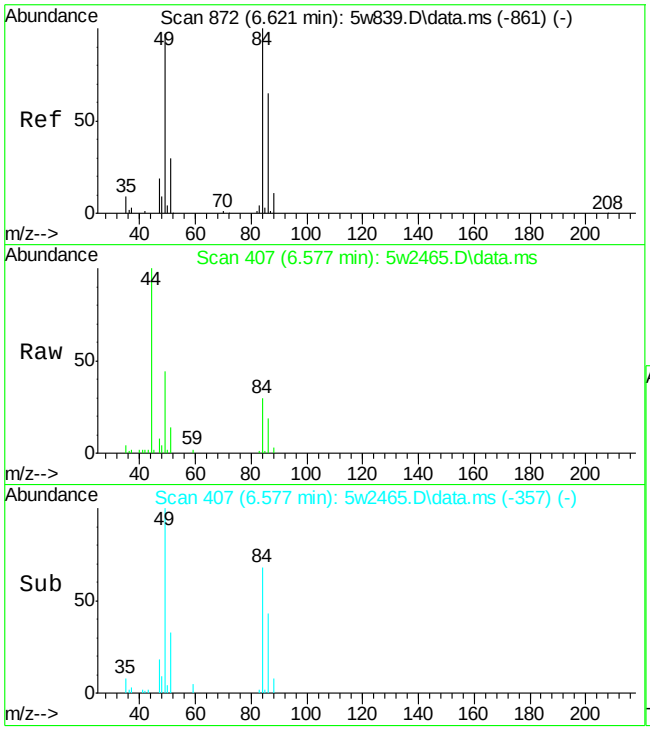


#24
Freon 113
Concen: 0.28 ppb(v) m
RT: 6.840 min Scan# 450
Delta R.T. -0.025 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion:101 Resp: 4892

Ion	Ratio	Lower	Upper
101	100		
103	0.0	52.0	78.0#
151	0.0	71.6	107.4#
153	0.0	46.1	69.1#

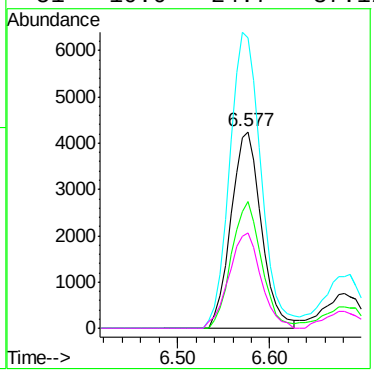


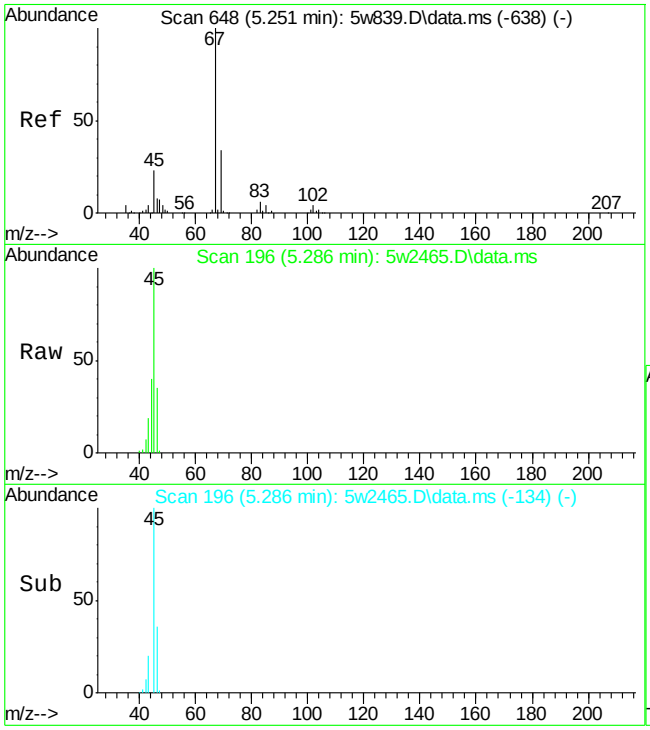


#25
Methylene Chloride
Concen: 1.14 ppb(v) m
RT: 6.577 min Scan# 407
Delta R.T. -0.025 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 84 Resp: 9726

Ion	Ratio	Lower	Upper
84	100		
86	13.3	51.7	77.5#
49	33.5	78.8	118.2#
51	10.0	24.7	37.1#

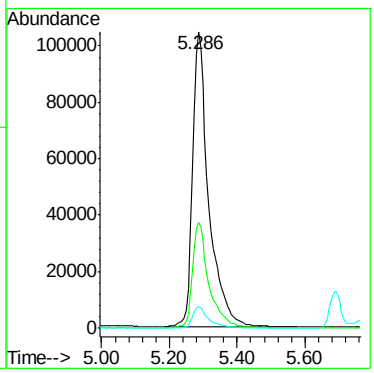


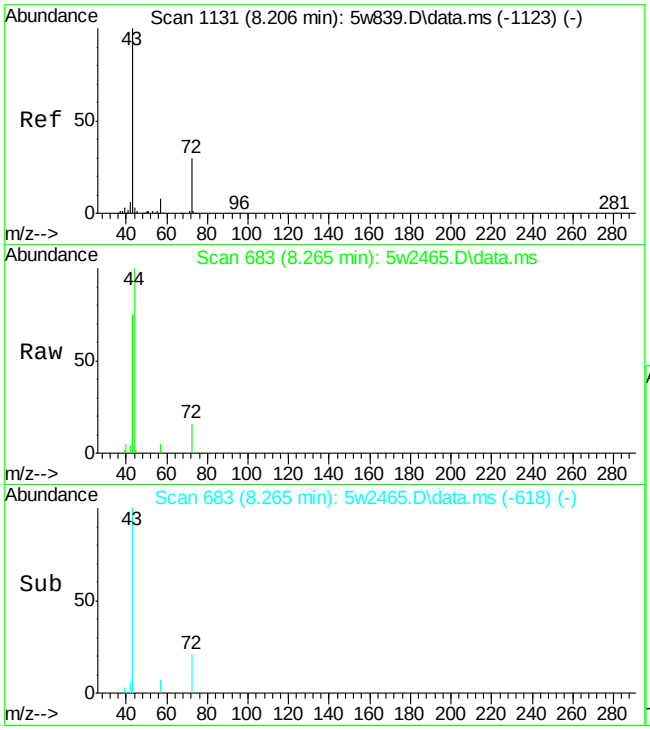


#27
Ethanol
Concen: 72.74 ppb(v)
RT: 5.286 min Scan# 196
Delta R.T. 0.049 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 45 Resp: 342159

Ion	Ratio	Lower	Upper
45	100		
46	35.7	26.8	40.2
42	7.4	7.4	11.2#

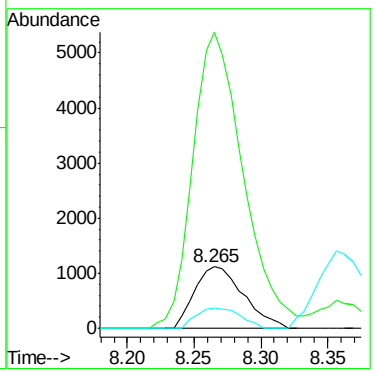


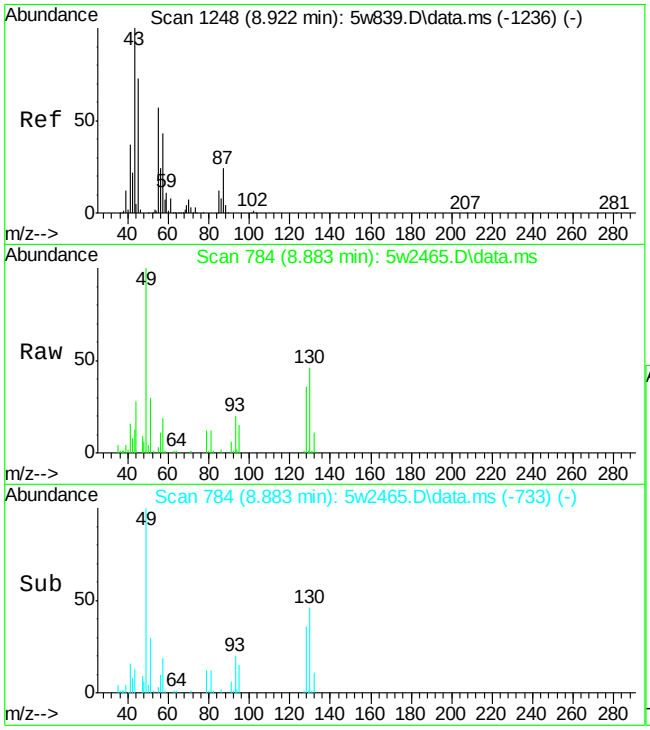


#35
2-Butanone
Concen: 0.67 ppb(v)
RT: 8.265 min Scan# 683
Delta R.T. 0.067 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 72 Resp: 2837

Ion	Ratio	Lower	Upper
72	100		
43	498.9	267.8	401.6#
57	30.0	22.9	34.3

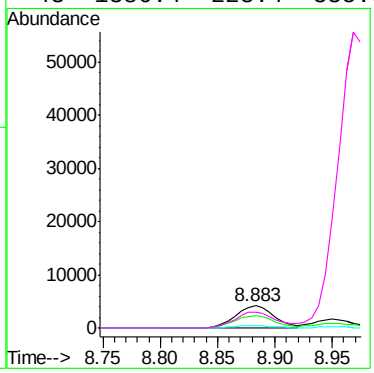


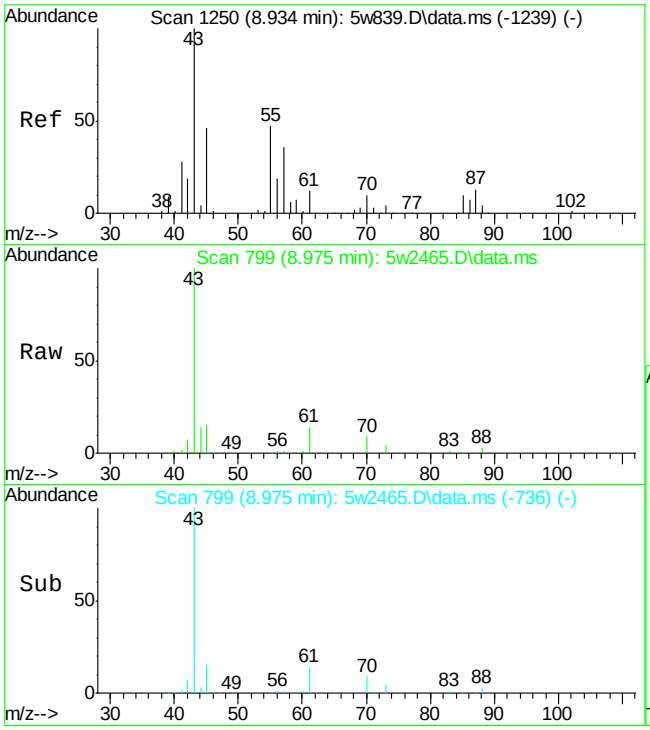


#36
Hexane
Concen: 0.63 ppb(v) m
RT: 8.883 min Scan# 784
Delta R.T. -0.019 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 57 Resp: 9792

Ion	Ratio	Lower	Upper
57	100		
56	22.7	43.9	65.9#
86	3.5	14.6	21.8#
43	1386.4	223.4	335.0#

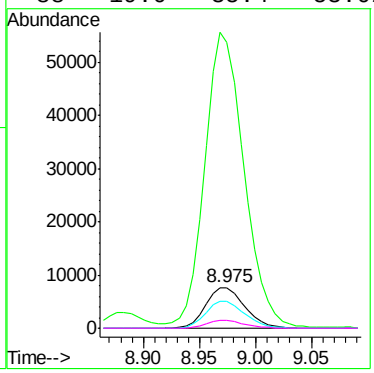


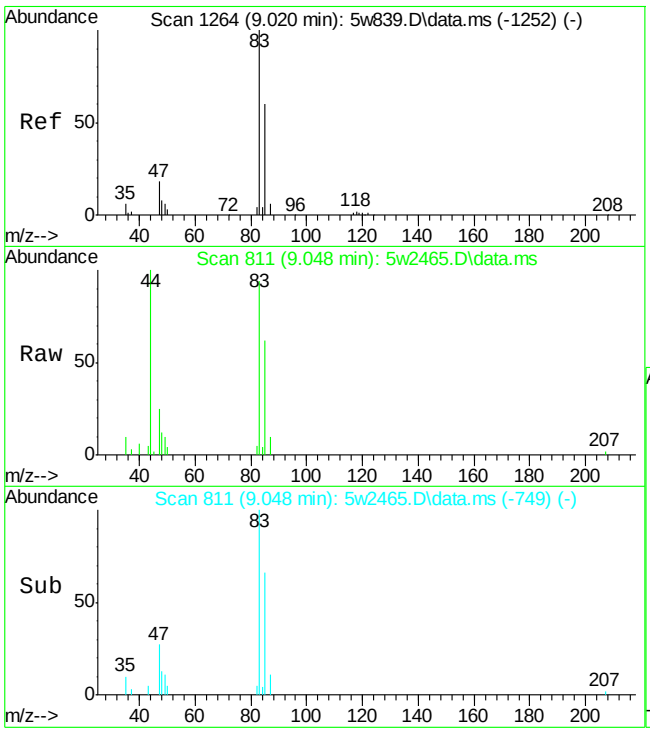


#39
Ethyl Acetate
Concen: 5.77 ppb(v)
RT: 8.975 min Scan# 799
Delta R.T. 0.055 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 61 Resp: 18416

Ion	Ratio	Lower	Upper
61	100		
43	737.2	910.4	1365.6#
70	66.5	74.4	111.6#
88	19.0	35.4	53.0#

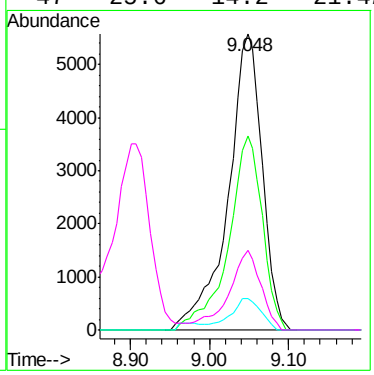


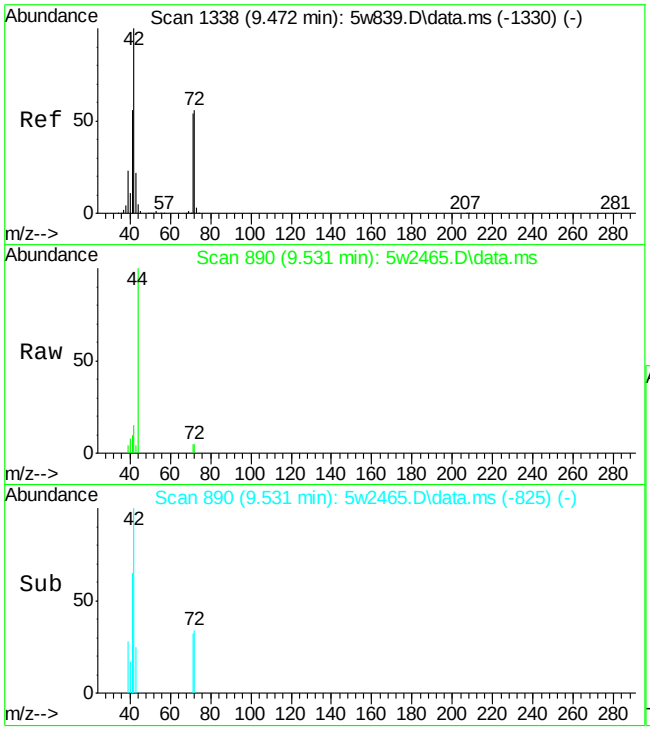


#41
Chloroform
Concen: 0.91 ppb(v)
RT: 9.048 min Scan# 811
Delta R.T. 0.049 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 83 Resp: 16622

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.7	79.1
87	9.3	8.6	13.0
47	25.6	14.2	21.4#

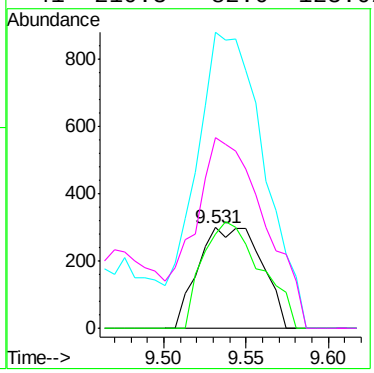


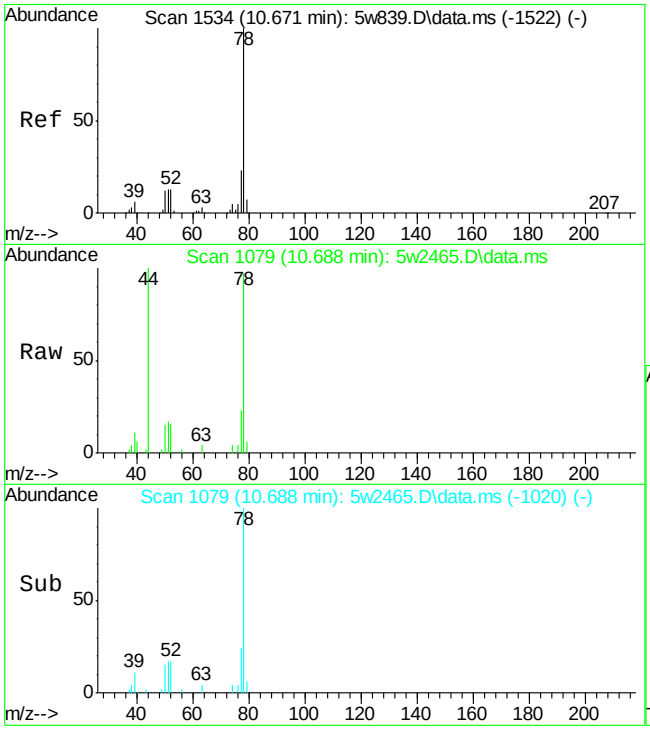


#43
Tetrahydrofuran
Concen: 0.19 ppb(v)
RT: 9.531 min Scan# 890
Delta R.T. 0.067 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 72 Resp: 800

Ion	Ratio	Lower	Upper
72	100		
71	97.1	78.8	118.2
42	314.1	145.4	218.2#
41	210.3	82.0	123.0#

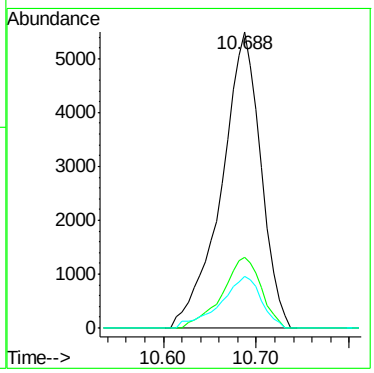


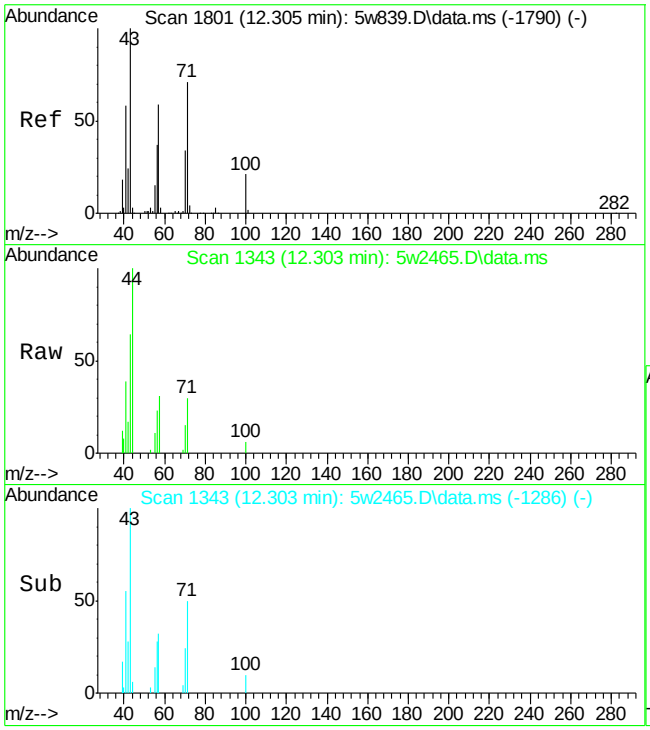


#46
Benzene
Concen: 0.60 ppb(v)
RT: 10.688 min Scan# 1079
Delta R.T. 0.030 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 78 Resp: 16240

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1
51	18.0	10.6	16.0#

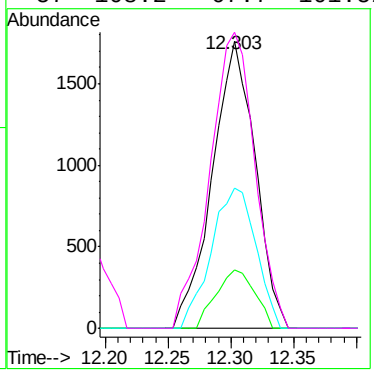


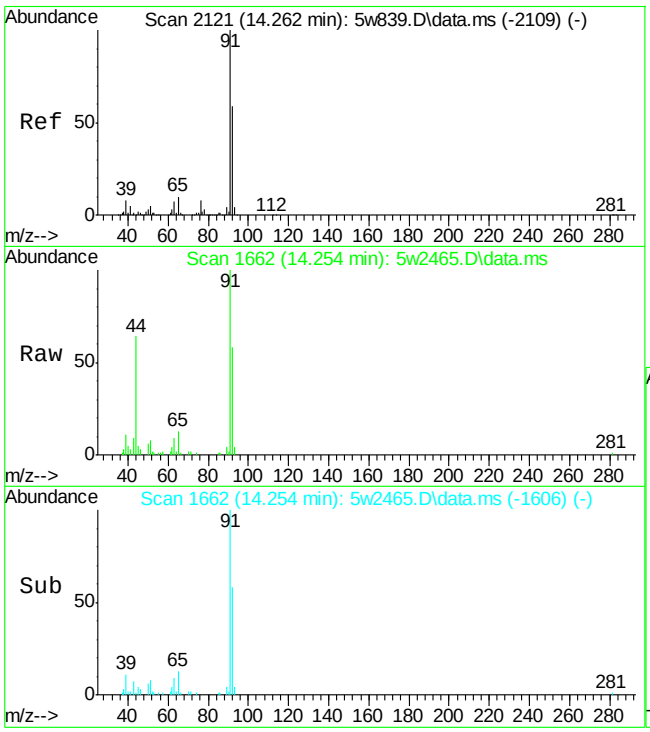


#52
Heptane
Concen: 0.48 ppb(v)
RT: 12.303 min Scan# 1343
Delta R.T. 0.018 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 71 Resp: 4171

Ion	Ratio	Lower	Upper
71	100		
100	18.4	23.4	35.0#
70	50.8	38.4	57.6
57	108.2	67.7	101.5#

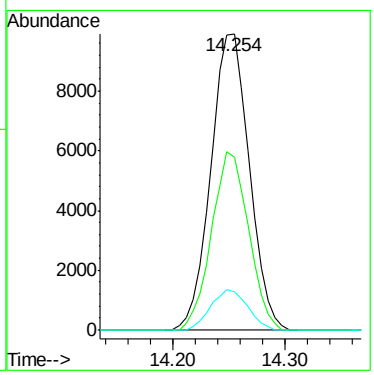


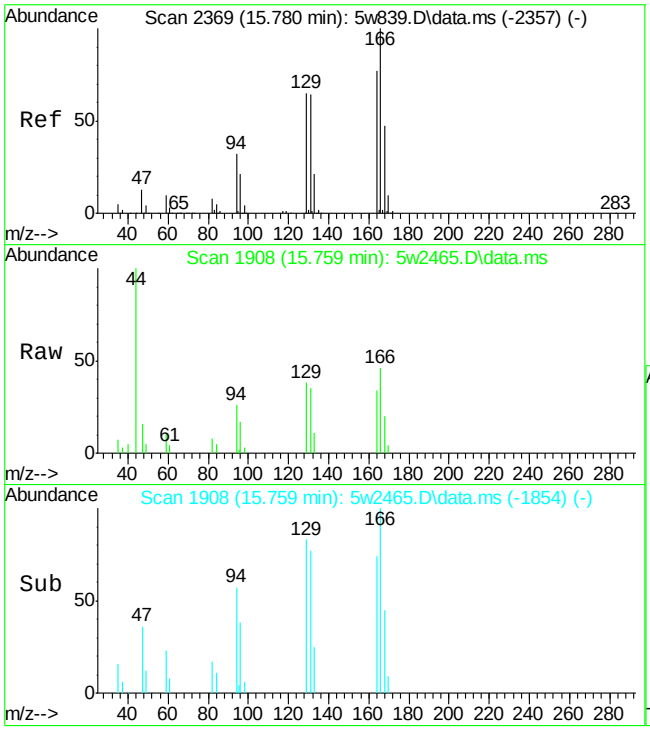


#63
Toluene
Concen: 0.80 ppb(v)
RT: 14.254 min Scan# 1662
Delta R.T. 0.012 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 91 Resp: 23466

Ion	Ratio	Lower	Upper
91	100		
92	57.8	47.2	70.8
65	13.2	9.0	13.6

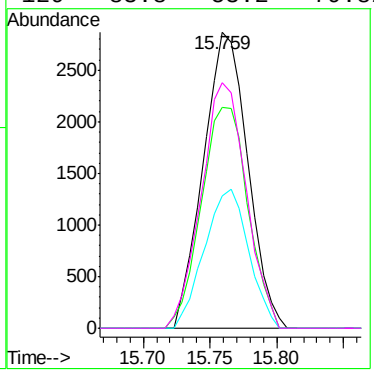


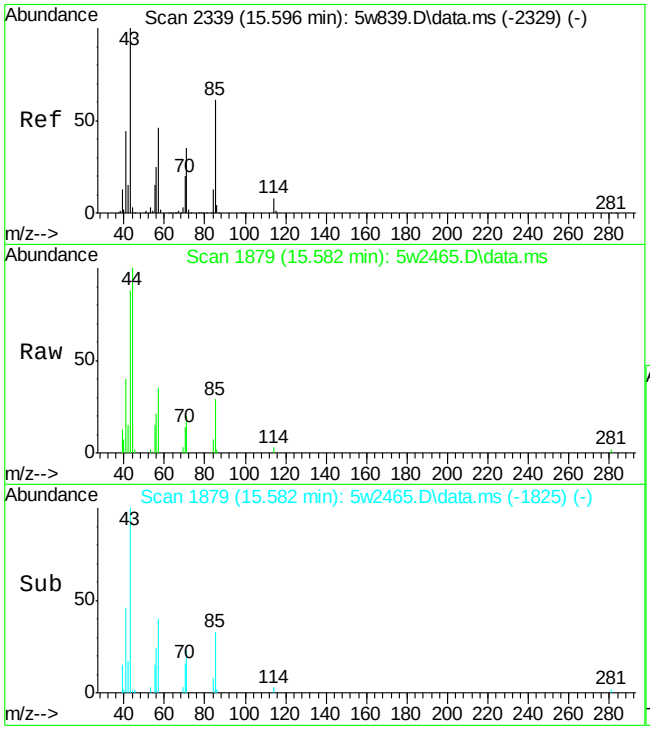


#68
Tetrachloroethene
Concen: 0.61 ppb(v)
RT: 15.759 min Scan# 1908
Delta R.T. -0.000 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion:166 Resp: 6646

Ion	Ratio	Lower	Upper
166	100		
164	78.4	62.2	93.4
168	46.6	38.3	57.5
129	83.8	53.2	79.8#

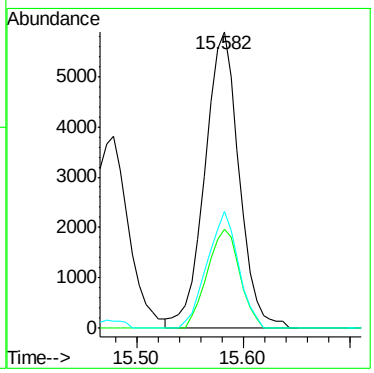


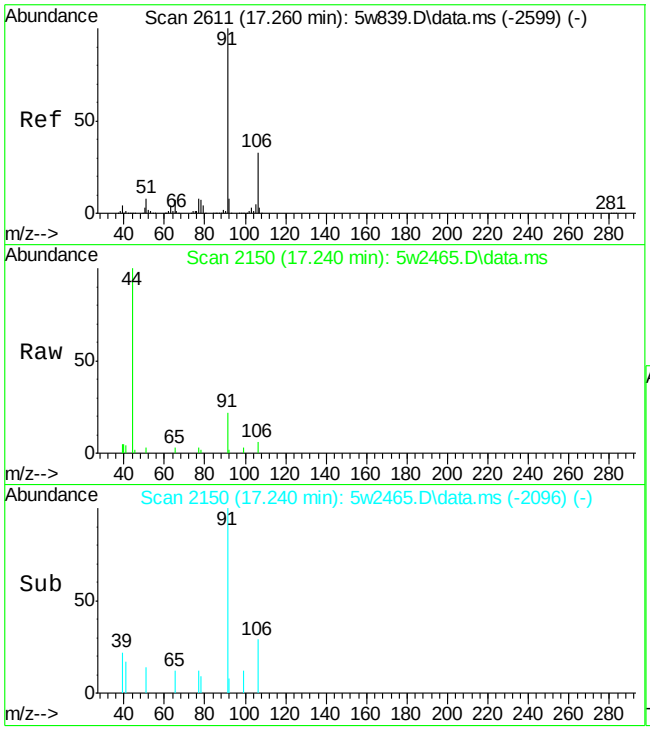


#70
Octane
Concen: 0.54 ppb(v)
RT: 15.582 min Scan# 1879
Delta R.T. -0.000 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 43 Resp: 13068

Ion	Ratio	Lower	Upper
43	100		
85	31.6	48.6	73.0#
57	36.1	36.9	55.3#

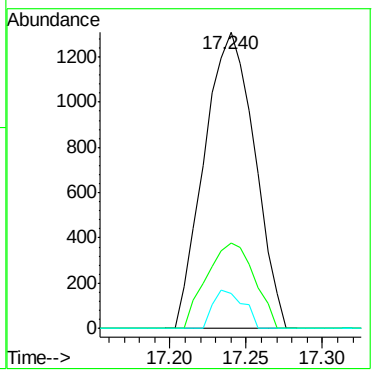


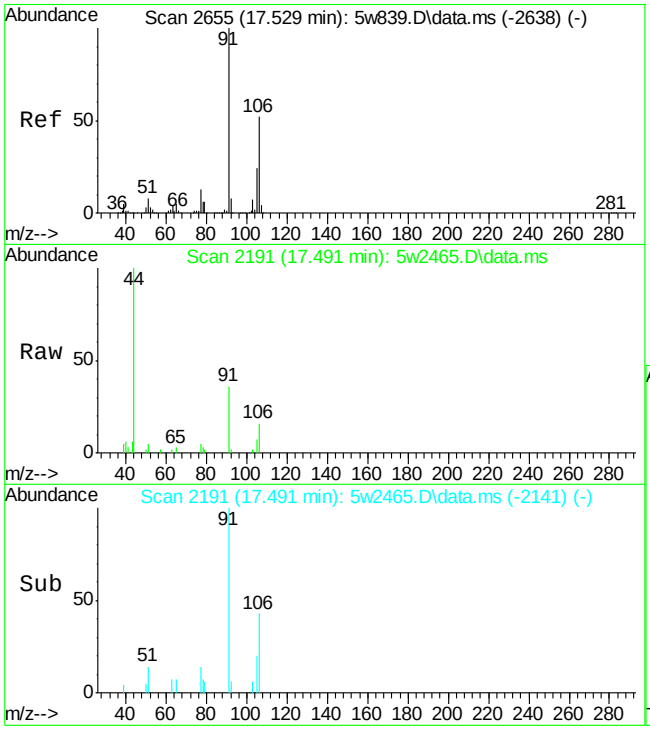


#74
Ethylbenzene
Concen: 0.09 ppb(v)
RT: 17.240 min Scan# 2150
Delta R.T. -0.000 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 91 Resp: 3011

Ion	Ratio	Lower	Upper
91	100		
106	27.4	26.3	39.5
77	7.8	6.3	9.5

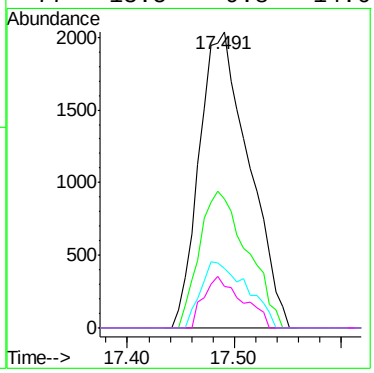


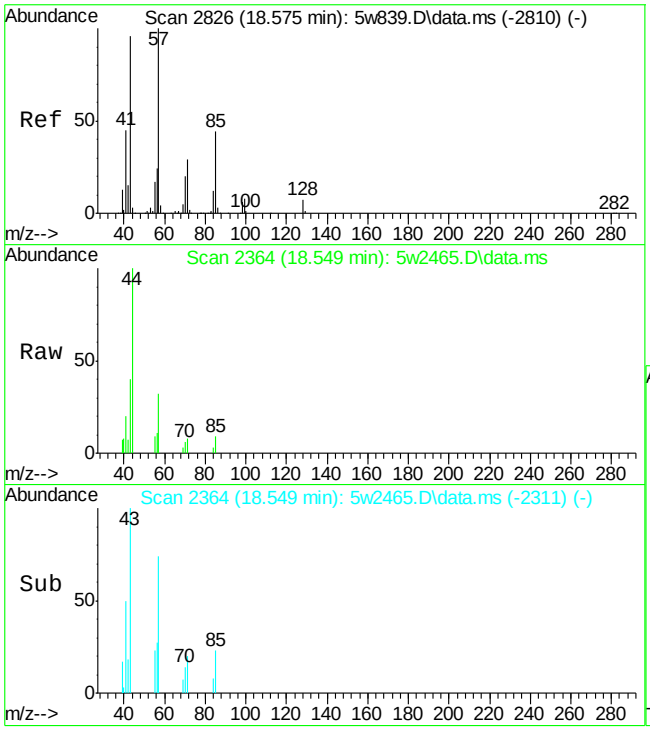


#75
m,p-Xylene
Concen: 0.26 ppb(v)
RT: 17.491 min Scan# 2191
Delta R.T. -0.025 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 91 Resp: 6565

Ion	Ratio	Lower	Upper
91	100		
106	44.7	41.6	62.4
105	20.7	18.6	28.0
77	13.5	9.8	14.6

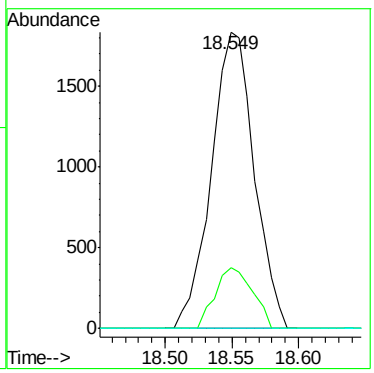


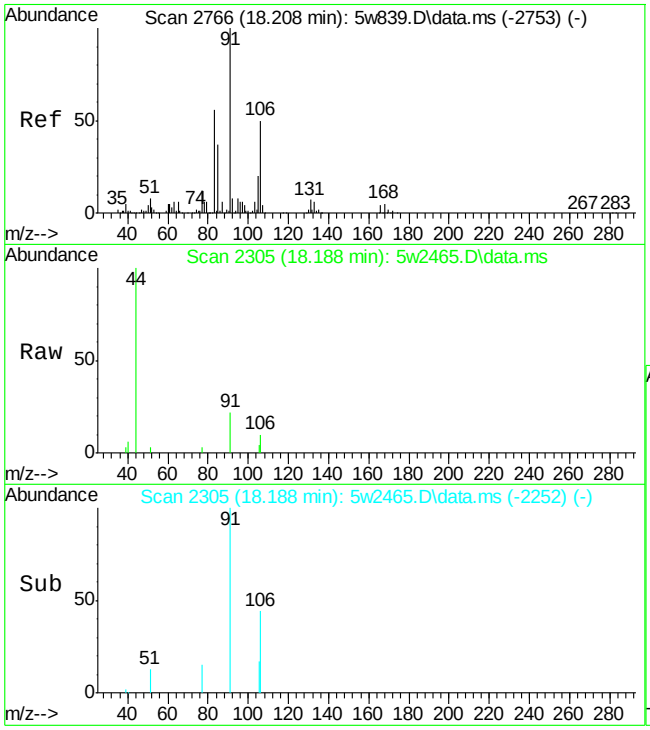


#77
Nonane
Concen: 0.18 ppb(v)
RT: 18.549 min Scan# 2364
Delta R.T. -0.006 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 43 Resp: 4098

Ion	Ratio	Lower	Upper
43	100		
71	17.8	24.2	36.2#
128	0.0	6.1	9.1#

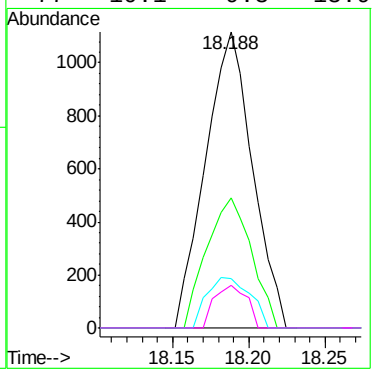


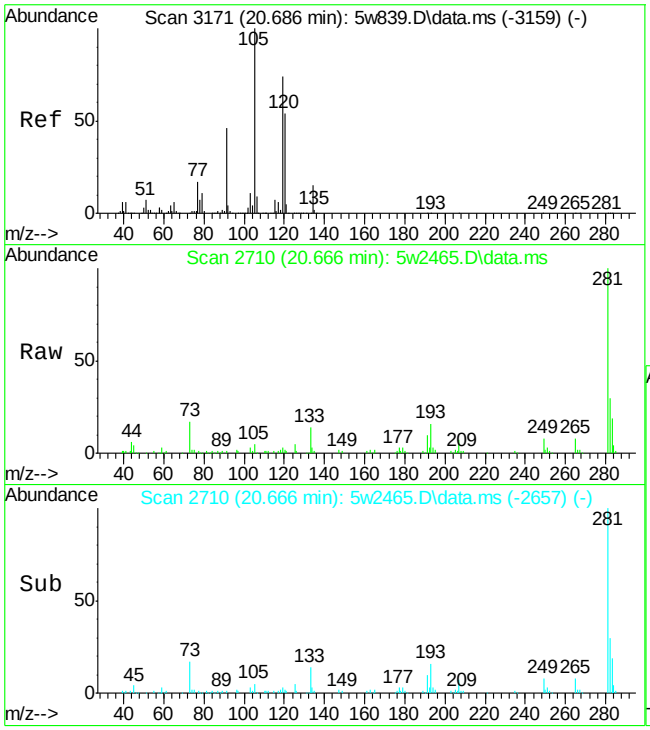


#78
o-Xylene
Concen: 0.09 ppb(v)
RT: 18.188 min Scan# 2305
Delta R.T. -0.006 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion: 91 Resp: 2396

Ion	Ratio	Lower	Upper
91	100		
106	41.9	39.8	59.6
105	15.8	15.8	23.8#
77	10.1	9.3	13.9

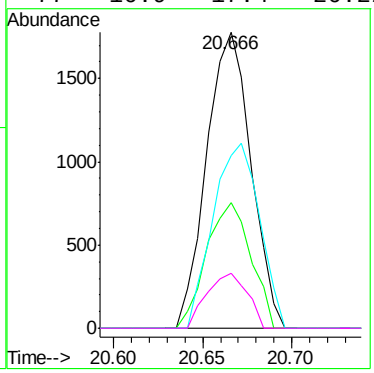


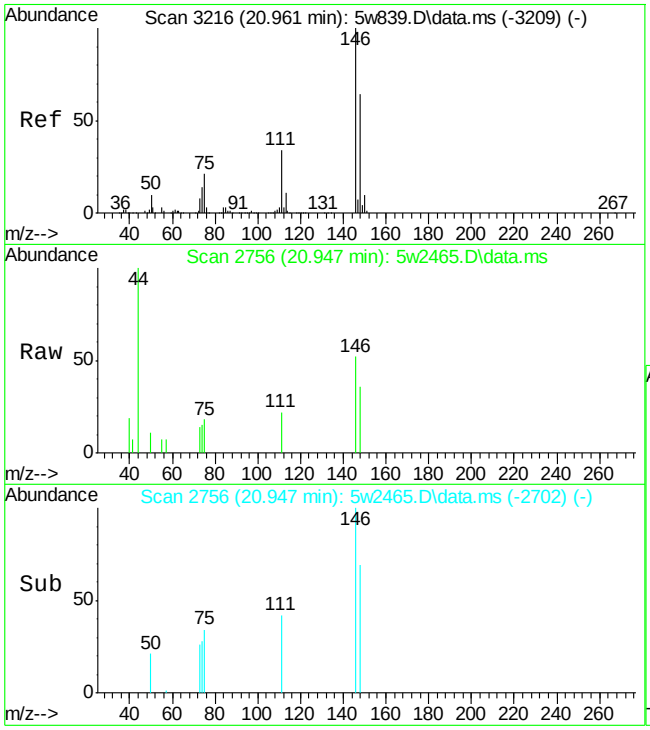


#91
1,2,4-Trimethylbenzene
Concen: 0.12 ppb(v)
RT: 20.666 min Scan# 2710
Delta R.T. -0.006 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion:105 Resp: 3077

Ion	Ratio	Lower	Upper
105	100		
120	42.6	46.1	69.1#
119	65.6	91.4	137.2#
77	16.9	17.4	26.2#

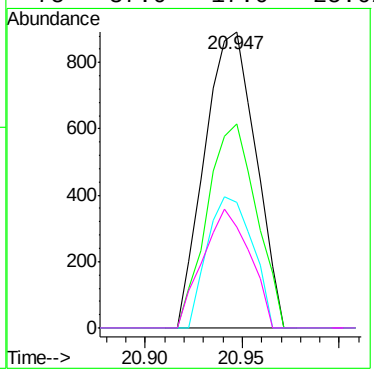




#94
1,4-Dichlorobenzene
Concen: 0.11 ppb(v)
RT: 20.947 min Scan# 2756
Delta R.T. -0.000 min
Lab File: 5w2465.D
Acq: 18 Jan 2014 5:05 pm

Tgt Ion:146 Resp: 1628

Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.4	77.2
111	39.5	26.8	40.2
75	37.0	17.0	25.6#



Manual Integration Approval Summary

Sample Number: JB57931-4DUP
Lab FileID: 5W2465.D
Injection Time: 01/18/14 17:05
Method: TO-15
Analyst approved: 01/20/14 17:10 Youmin Hu
Supervisor approved: 01/21/14 17:22 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetone	67-64-1		5.78	Poor instrument integration
Methylene chloride	75-09-2		6.58	Poor instrument integration
Freon 113	76-13-1		6.84	Poor instrument integration
Hexane	110-54-3		8.88	Poor instrument integration

Manual Integrations APPROVED (compounds with "m" flag)
Kanya Veerawat 01/21/14 23:42

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38395.D Vial: 6
Acq On : 20 Jan 2014 8:13 pm Operator: YOUMINH
Sample : JB57857-1DUP Inst : MS3W
Misc : MS61596,V3W1466,400,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:31 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

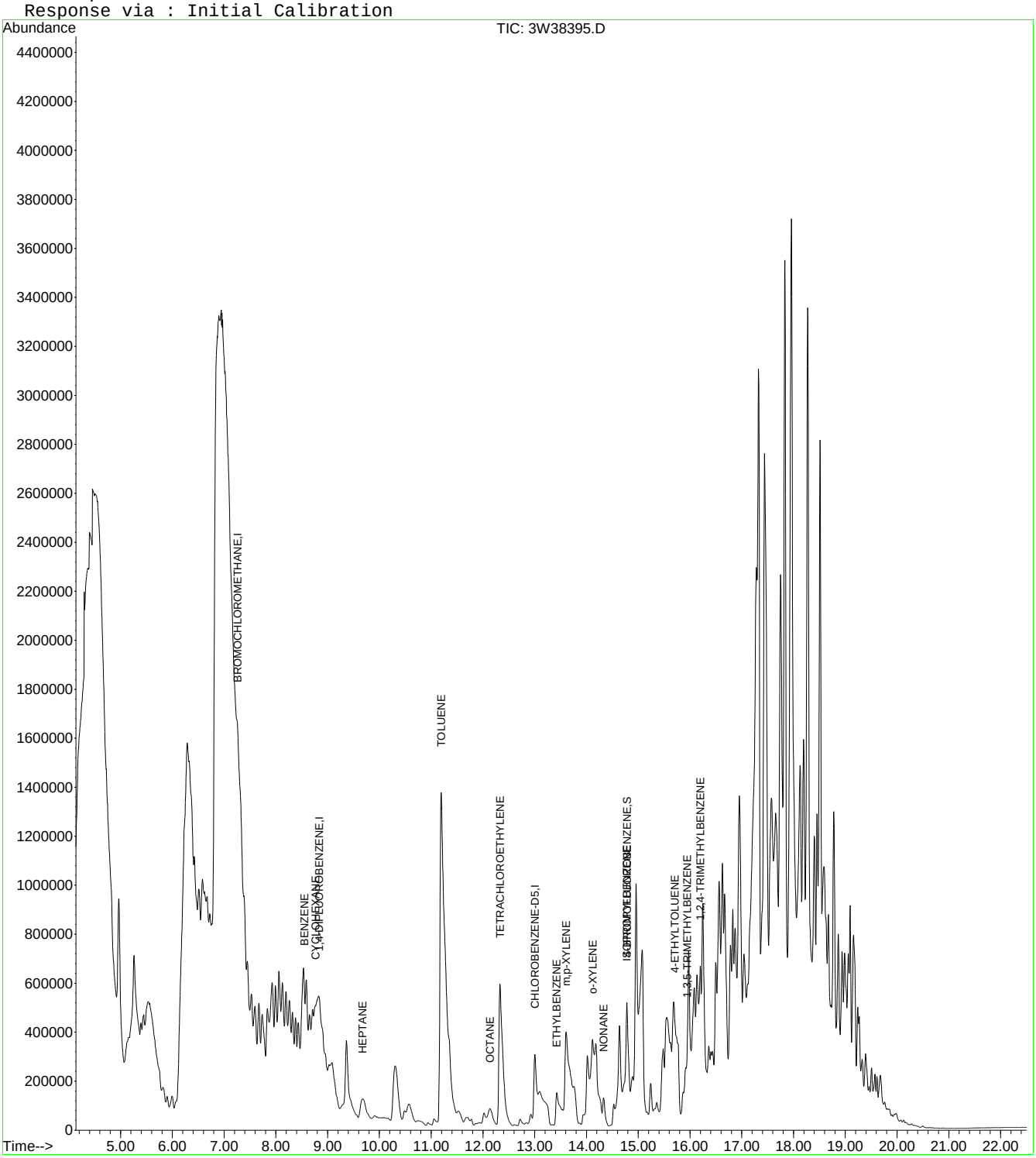
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	192781m	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.84	114	927622m	10.00	PPBV		-0.03
68) CHLOROBENZENE-D5	13.00	82	421346m	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.78	95	544043m	11.14	PPBV		0.13
Spiked Amount 10.000	Range 65 - 128		Recovery = 111.40%				
Target Compounds							Qvalue
50) BENZENE	8.56	78	1508499m	20.89	PPBV		
51) CYCLOHEXANE	8.76	84	526569m	13.20	PPBV		
60) HEPTANE	9.66	43	166967	3.22	PPBV	#	58
65) TOLUENE	11.19	92	2563277m	57.23	PPBV		
71) TETRACHLOROETHYLENE	12.33	164	434345	17.59	PPBV		97
74) OCTANE	12.14	43	42743m	0.71	PPBV		
77) ETHYLBENZENE	13.42	91	267365	3.35	PPBV		99
78) m,p-XYLENE	13.61	106	548908m	18.60	PPBV		
79) o-XYLENE	14.12	106	212846m	7.33	PPBV		
81) NONANE	14.33	43	80344	1.52	PPBV		96
86) ISOPROPYLBENZENE	14.77	105	54195m	0.64	PPBV		
90) 4-ETHYLTOLUENE	15.71	105	110288m	1.62	PPBV		
91) 1,3,5-TRIMETHYLBENZENE	15.94	105	194839m	3.19	PPBV		
94) 1,2,4-TRIMETHYLBENZENE	16.20	105	645978	11.42	PPBV	#	34

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38395.D M3W1462.M Tue Jan 21 10:34:02 2014 MS3W

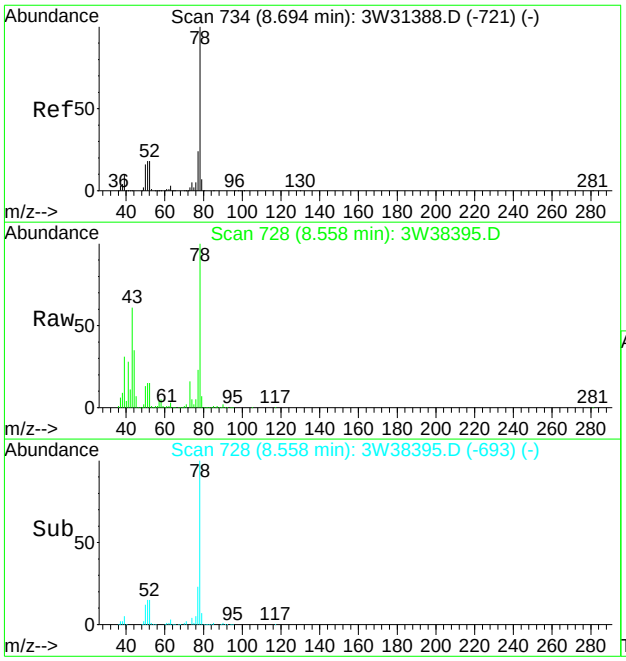
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38395.D Vial: 6
Acq On : 20 Jan 2014 8:13 pm Operator: YOUMINH
Sample : JB57857-1DUP Inst : MS3W
Misc : MS61596,V3W1466,400,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 10:01 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration



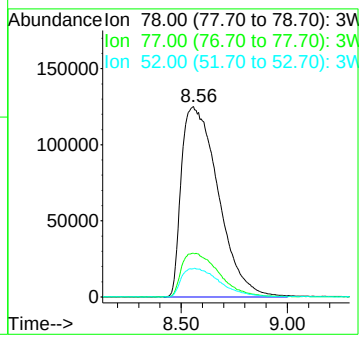
ACCUTEST LABORATORIES JB58146

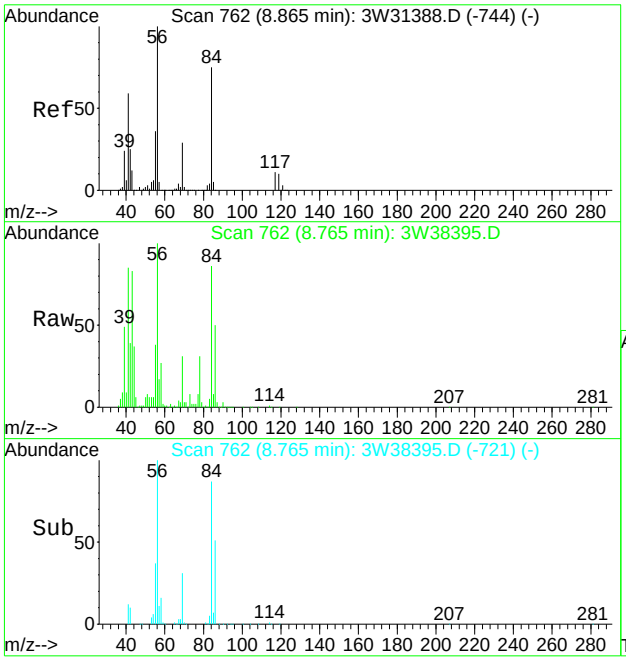


#50
BENZENE
Concen: 20.89 PPBV m
RT: 8.56 min Scan# 728
Delta R.T. 0.01 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 78 Resp: 1508499

Ion	Ratio	Lower	Upper
78	100		
77	20.0	2.8	42.8
52	13.3	0.0	37.1

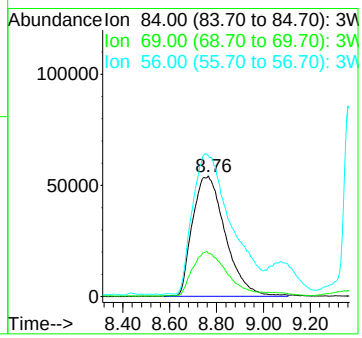


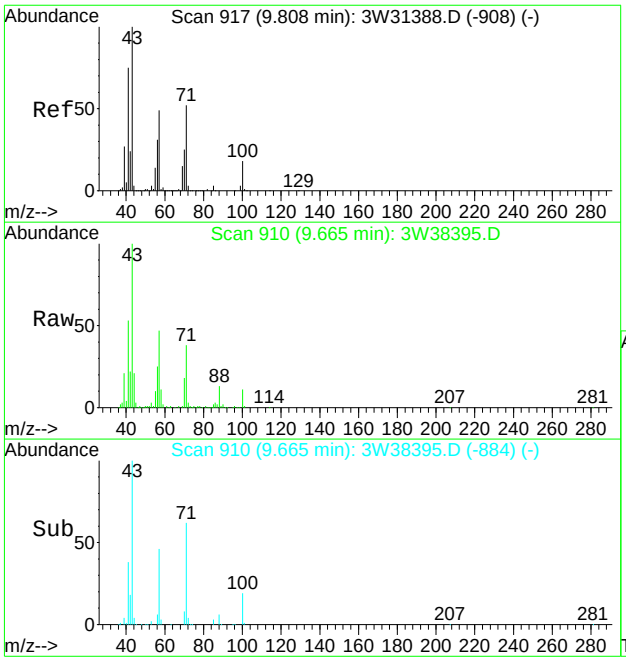


#51
CYCLOHEXANE
Concen: 13.20 PPBV m
RT: 8.76 min Scan# 762
Delta R.T. 0.05 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 84 Resp: 526569

Ion	Ratio	Lower	Upper
84	100		
69	34.0	12.1	52.1
56	112.5	90.1	130.1

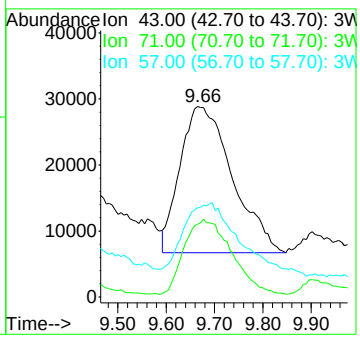


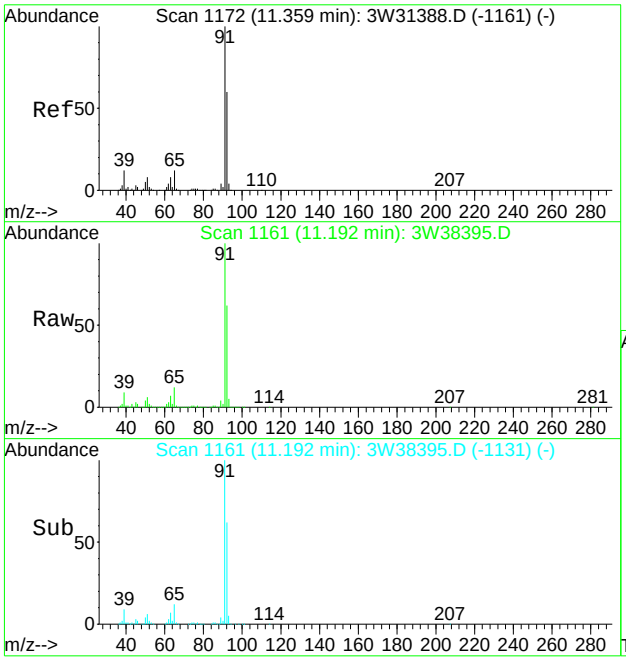


#60
HEPTANE
Concen: 3.22 PPBV
RT: 9.66 min Scan# 910
Delta R.T. 0.00 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 43 Resp: 166967

Ion	Ratio	Lower	Upper
43	100		
71	46.3	34.1	74.1
57	0.0	32.2	72.2#

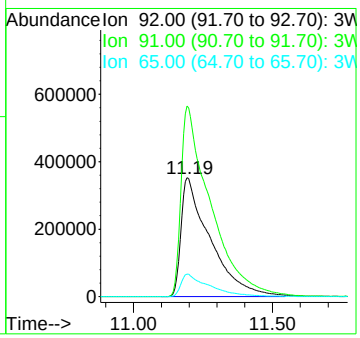


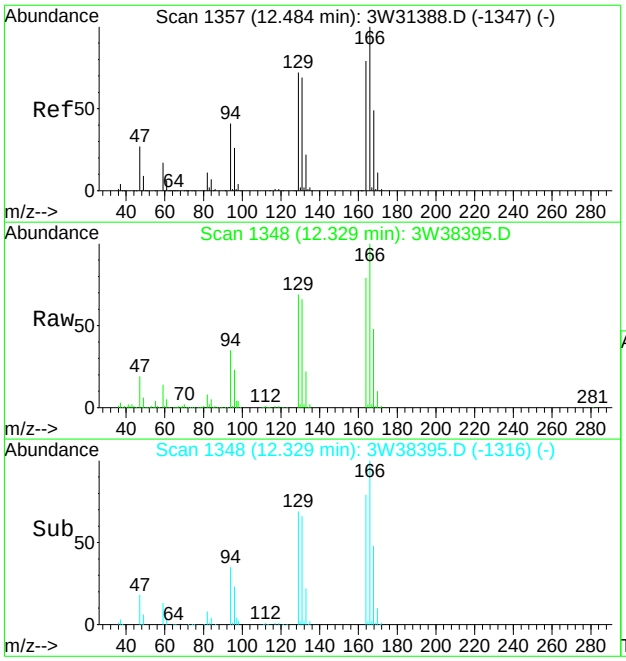


#65
TOLUENE
Concen: 57.23 PPBV m
RT: 11.19 min Scan# 1161
Delta R.T. -0.02 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 92 Resp: 2563277

Ion	Ratio	Lower	Upper
92	100		
91	147.5	144.1	184.1
65	17.0	2.7	42.7

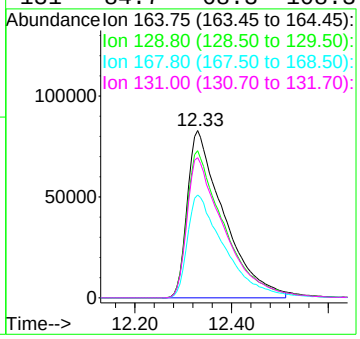


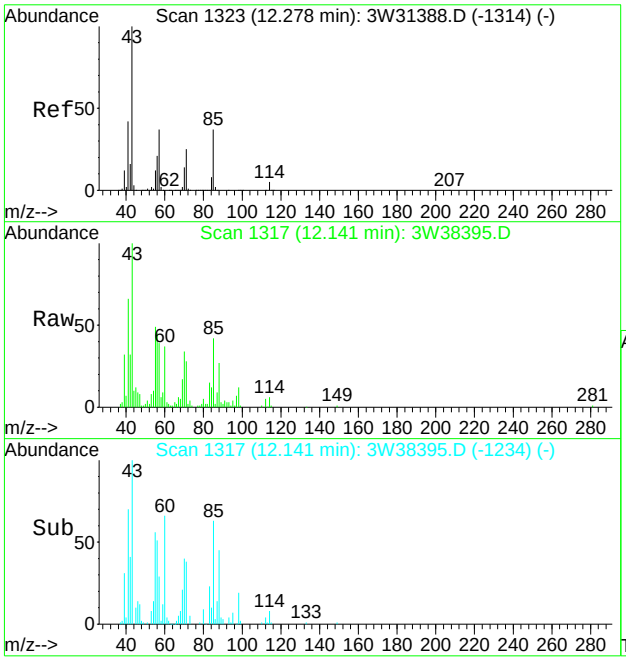


#71
TETRACHLOROETHYLENE
Concen: 17.59 PPBV
RT: 12.33 min Scan# 1348
Delta R.T. -0.01 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:164 Resp: 434345

Ion	Ratio	Lower	Upper
164	100		
129	88.3	71.6	111.6
168	62.0	42.0	82.0
131	84.7	68.3	108.3

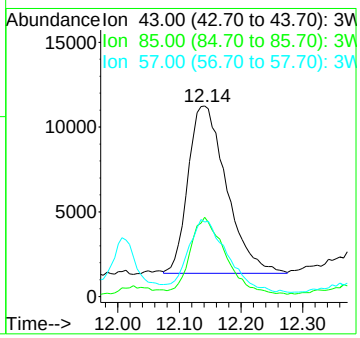


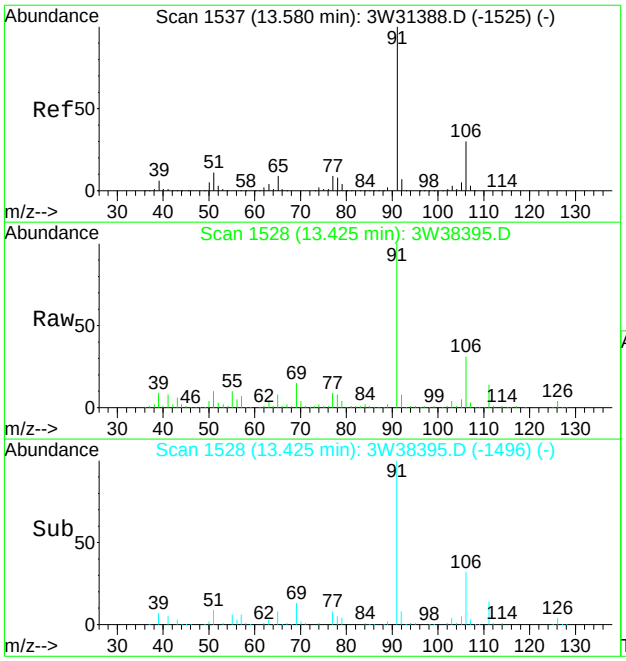


#74
OCTANE
Concen: 0.71 PPBV m
RT: 12.14 min Scan# 1317
Delta R.T. 0.00 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 43 Resp: 42743

Ion	Ratio	Lower	Upper
43	100		
85	41.6	20.2	60.2
57	43.1	19.0	59.0

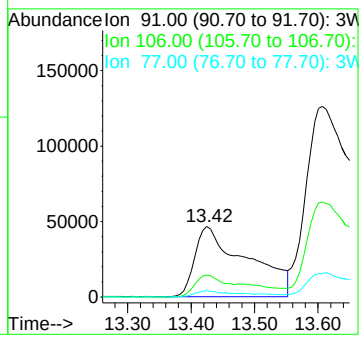


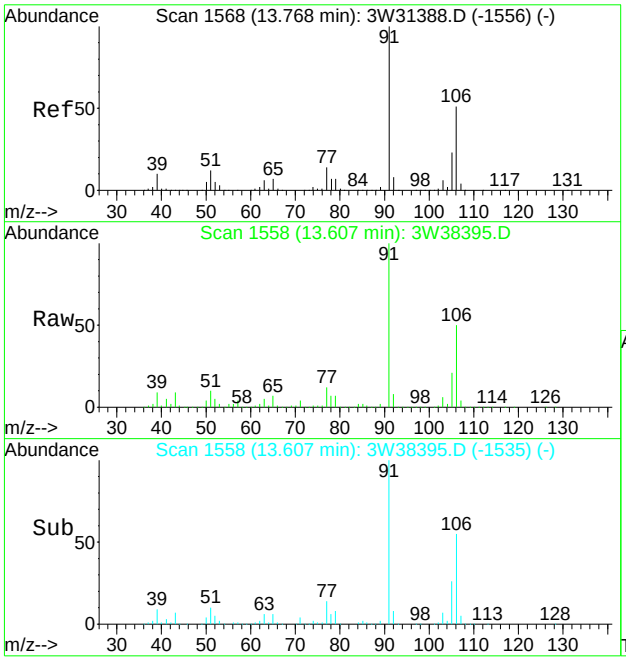


#77
ETHYLBENZENE
Concen: 3.35 PPBV
RT: 13.42 min Scan# 1528
Delta R.T. -0.01 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 91 Resp: 267365

Ion	Ratio	Lower	Upper
91	100		
106	30.8	11.7	51.7
77	8.2	0.0	28.6

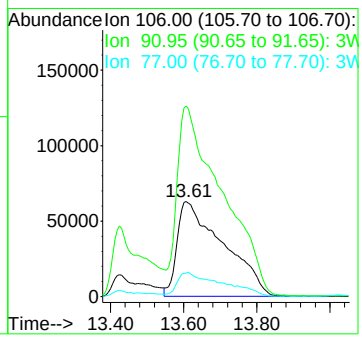


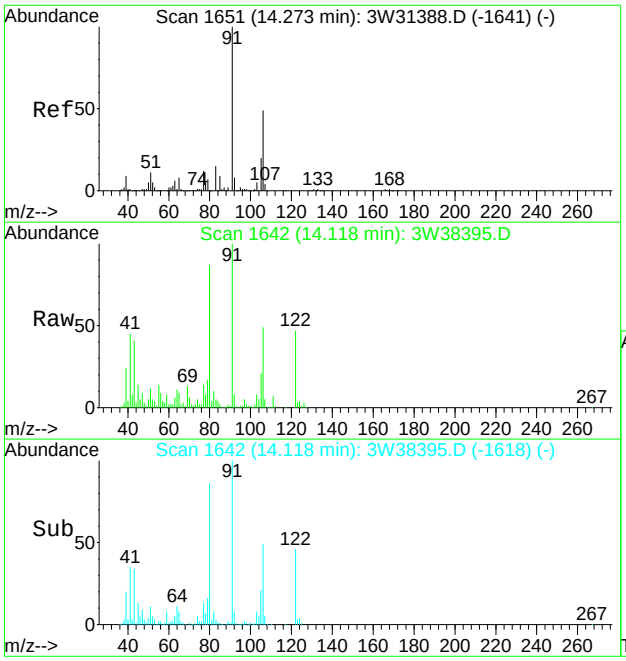


#78
m,p-XYLENE
Concen: 18.60 PPBV m
RT: 13.61 min Scan# 1558
Delta R.T. -0.02 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:106 Resp: 548908

Ion	Ratio	Lower	Upper
106	100		
91	200.5	172.0	212.0
77	24.8	6.3	46.3

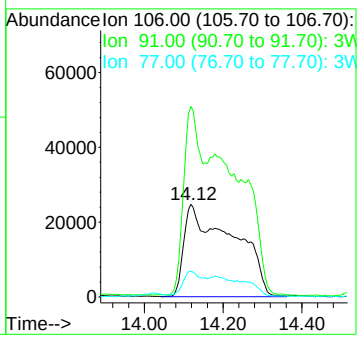


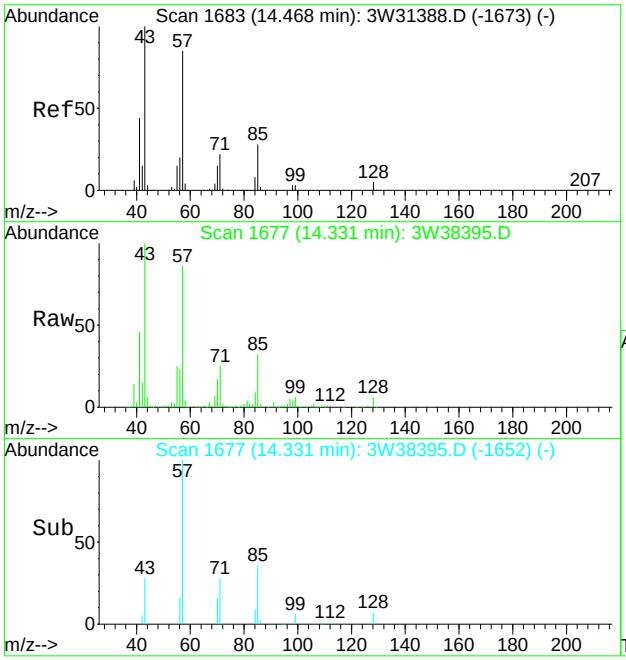


#79
o-XYLENE
Concen: 7.33 PPBV m
RT: 14.12 min Scan# 1642
Delta R.T. -0.01 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:106 Resp: 212846

Ion	Ratio	Lower	Upper
106	100		
91	199.6	187.1	227.1
77	24.2	5.6	45.6

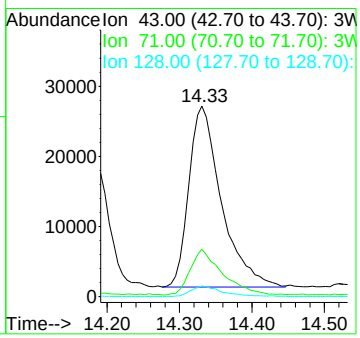


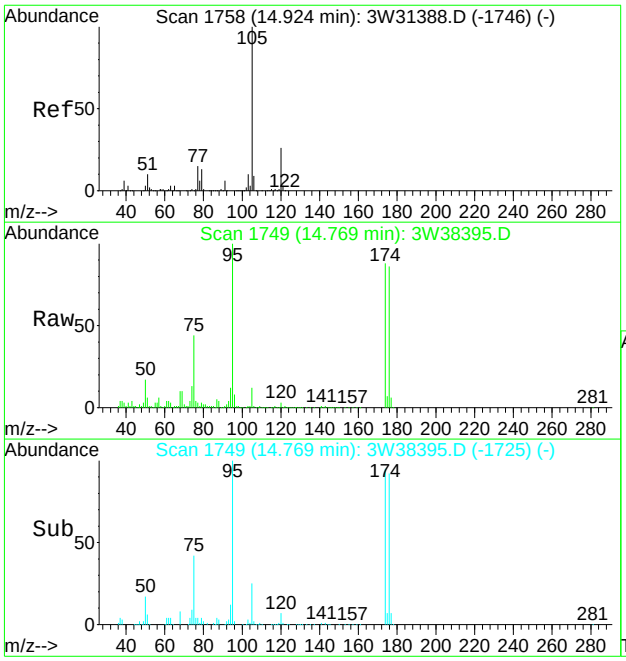


#81
NONANE
Concen: 1.52 PPBV
RT: 14.33 min Scan# 1677
Delta R.T. -0.00 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion: 43 Resp: 80344

Ion	Ratio	Lower	Upper
43	100		
71	24.6	2.6	42.6
128	5.8	0.0	24.9

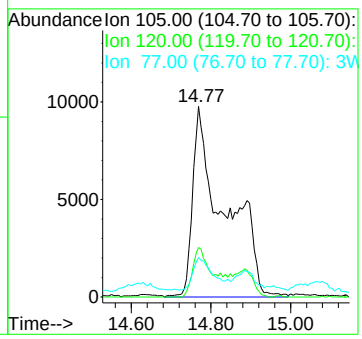


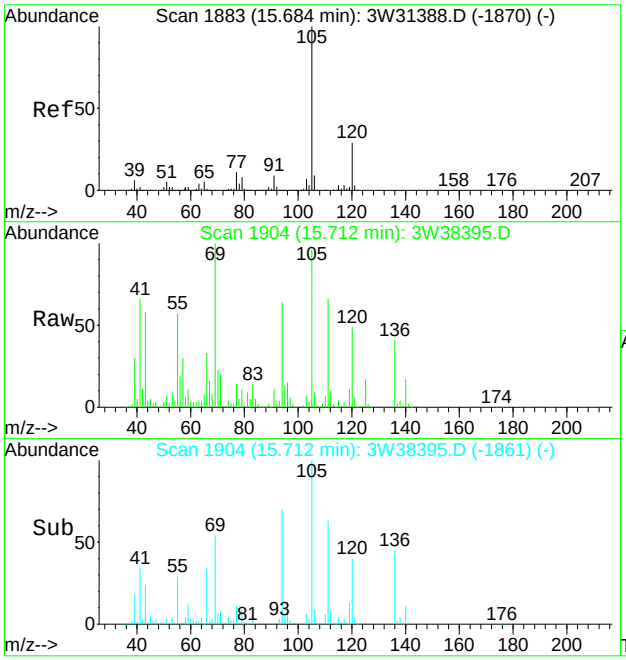


#86
ISOPROPYLBENZENE
Concen: 0.64 PPBV m
RT: 14.77 min Scan# 1749
Delta R.T. -0.01 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:105 Resp: 54195

Ion	Ratio	Lower	Upper
105	100		
120	24.5	6.8	46.8
77	11.3	0.0	35.0

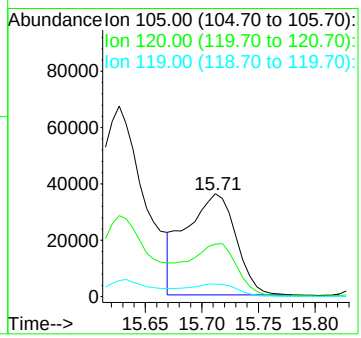


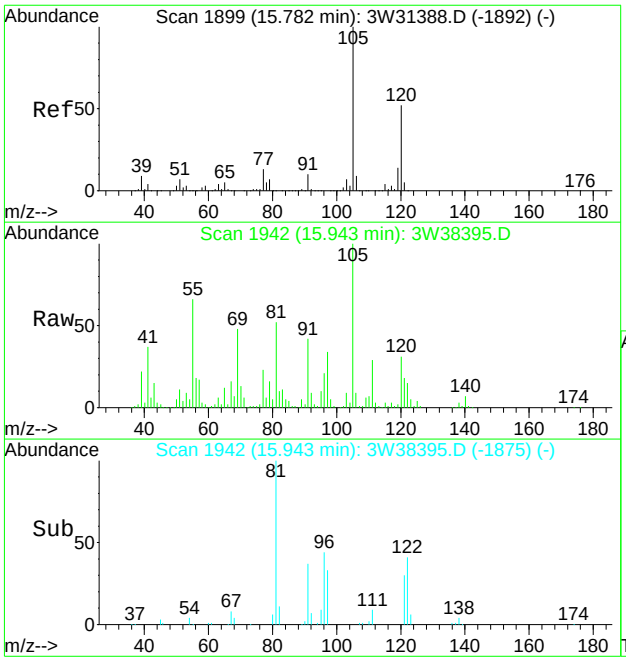


#90
4-ETHYLTOLUENE
Concen: 1.62 PPBV m
RT: 15.71 min Scan# 1904
Delta R.T. 0.17 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:105 Resp: 110288

Ion	Ratio	Lower	Upper
105	100		
120	0.0	9.6	49.6#
119	0.0	0.0	22.4

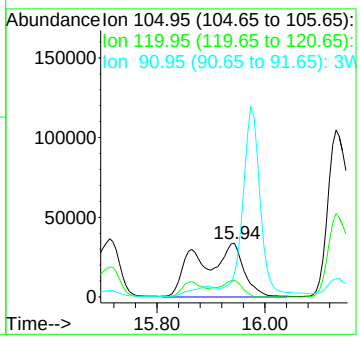


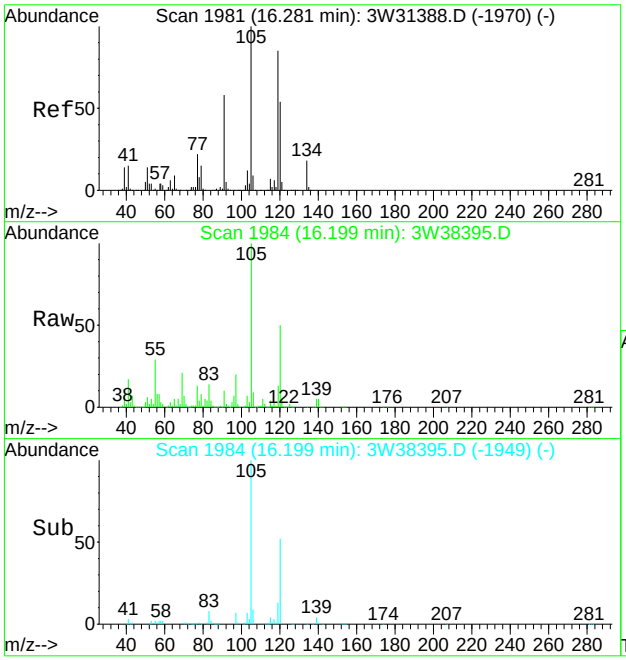


#91
1,3,5-TRIMETHYLBENZENE
Concen: 3.19 PPBV m
RT: 15.94 min Scan# 1942
Delta R.T. 0.31 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:105 Resp: 194839

Ion	Ratio	Lower	Upper
105	100		
120	0.0	30.9	70.9#
91	0.0	0.0	30.3

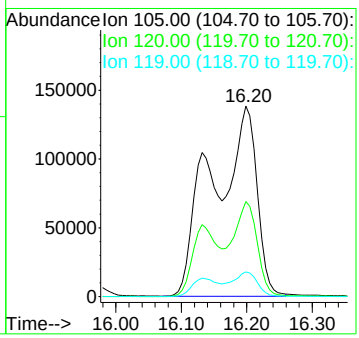




#94
1,2,4-TRIMETHYLBENZENE
Concen: 11.42 PPBV
RT: 16.20 min Scan# 1984
Delta R.T. 0.06 min
Lab File: 3W38395.D
Acq: 20 Jan 2014 8:13 pm

Tgt Ion:105 Resp: 645978

Ion	Ratio	Lower	Upper
105	100		
120	49.4	38.2	78.2
119	13.2	94.3	134.3#



Manual Integration Approval Summary

Sample Number: JB57857-1DUP
Lab FileID: 3W38395.D
Injection Time: 01/20/14 20:13
Method: TO-15
Analyst approved: 01/21/14 10:43 Youmin Hu
Supervisor approved: 01/21/14 23:42 Kanya Veerawat

Parameter	CAS	Sig#	R.T. (min.)	Reason
Bromochloromethane	74-97-5		7.27	Poor instrument integration
Benzene	71-43-2		8.56	Poor instrument integration
Cyclohexane	110-82-7		8.76	Poor instrument integration
1,4-Difluorobenzene	540-36-3		8.84	Poor instrument integration
Toluene	108-88-3		11.19	Poor instrument integration
Octane	111-65-9		12.14	Poor instrument integration
Chlorobenzene-D5	3114-55-4		13.00	Poor instrument integration
m,p-Xylene			13.61	Poor instrument integration
o-Xylene	95-47-6		14.12	Poor instrument integration
Isopropylbenzene	98-82-8		14.77	Poor instrument integration
4-Bromofluorobenzene	460-00-4		14.78	Poor instrument integration
4-Ethyltoluene	622-96-8		15.71	Poor instrument integration
1,3,5-Trimethylbenzene	108-67-8		15.94	Poor instrument integration

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38132.D Vial: 7
Acq On : 7 Jan 2014 2:25 pm Operator: YOUMINH
Sample : SCC(A278) Inst : MS3W
Misc : MS61224,V3W1457,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 08 09:04:23 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

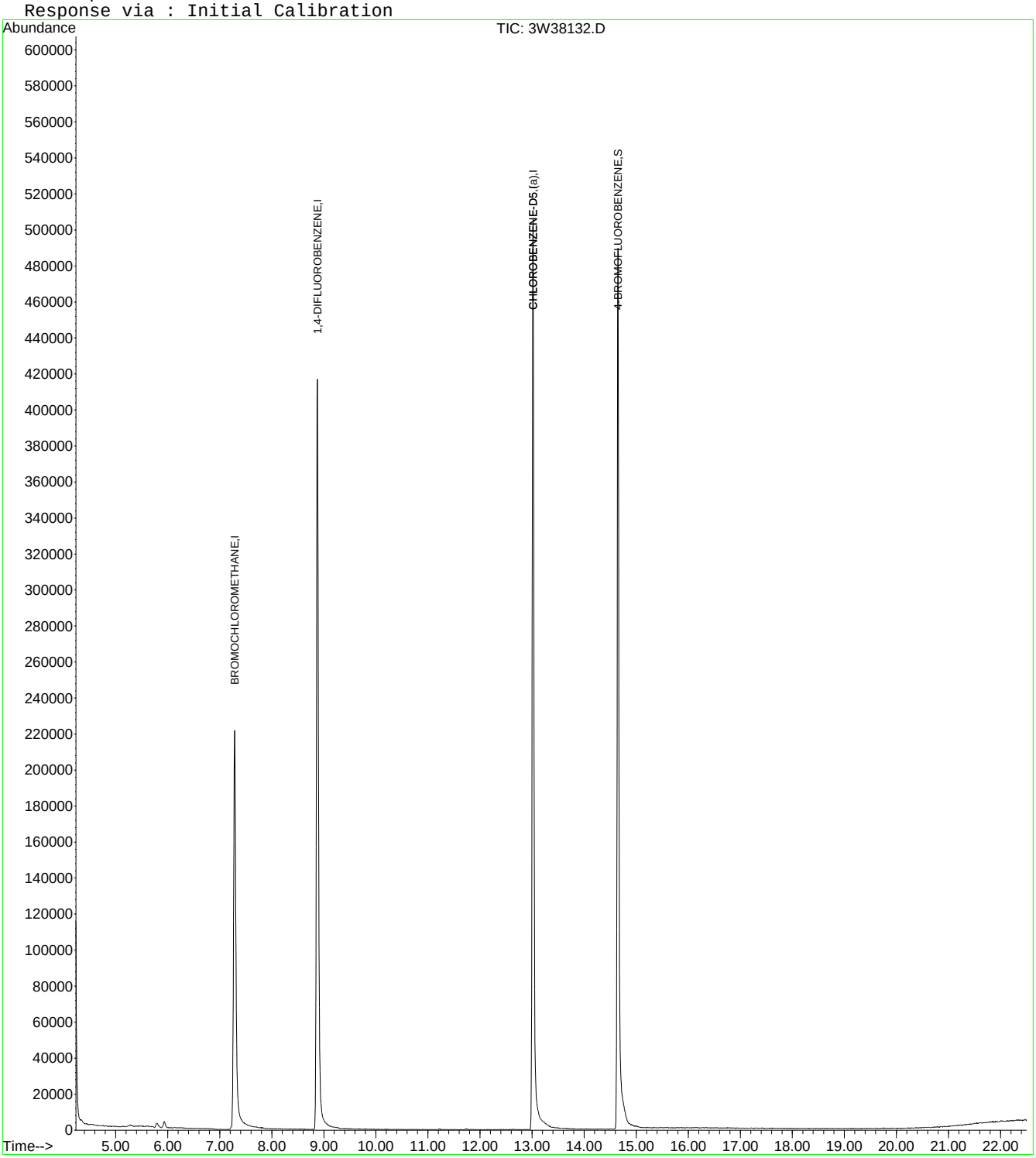
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	101753	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	511651	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	226643	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	225931	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.65	95	235894	9.37	PPBV	-0.01
Spiked Amount 10.000	Range 65 - 128		Recovery = 93.70%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38132.D M3W1416.M Wed Jan 08 10:11:36 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38132.D Vial: 7
Acq On : 7 Jan 2014 2:25 pm Operator: YOUMINH
Sample : SCC(A278) Inst : MS3W
Misc : MS61224,V3W1457,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 8 9:13 2014 Quant Results File: M3W1416.RES

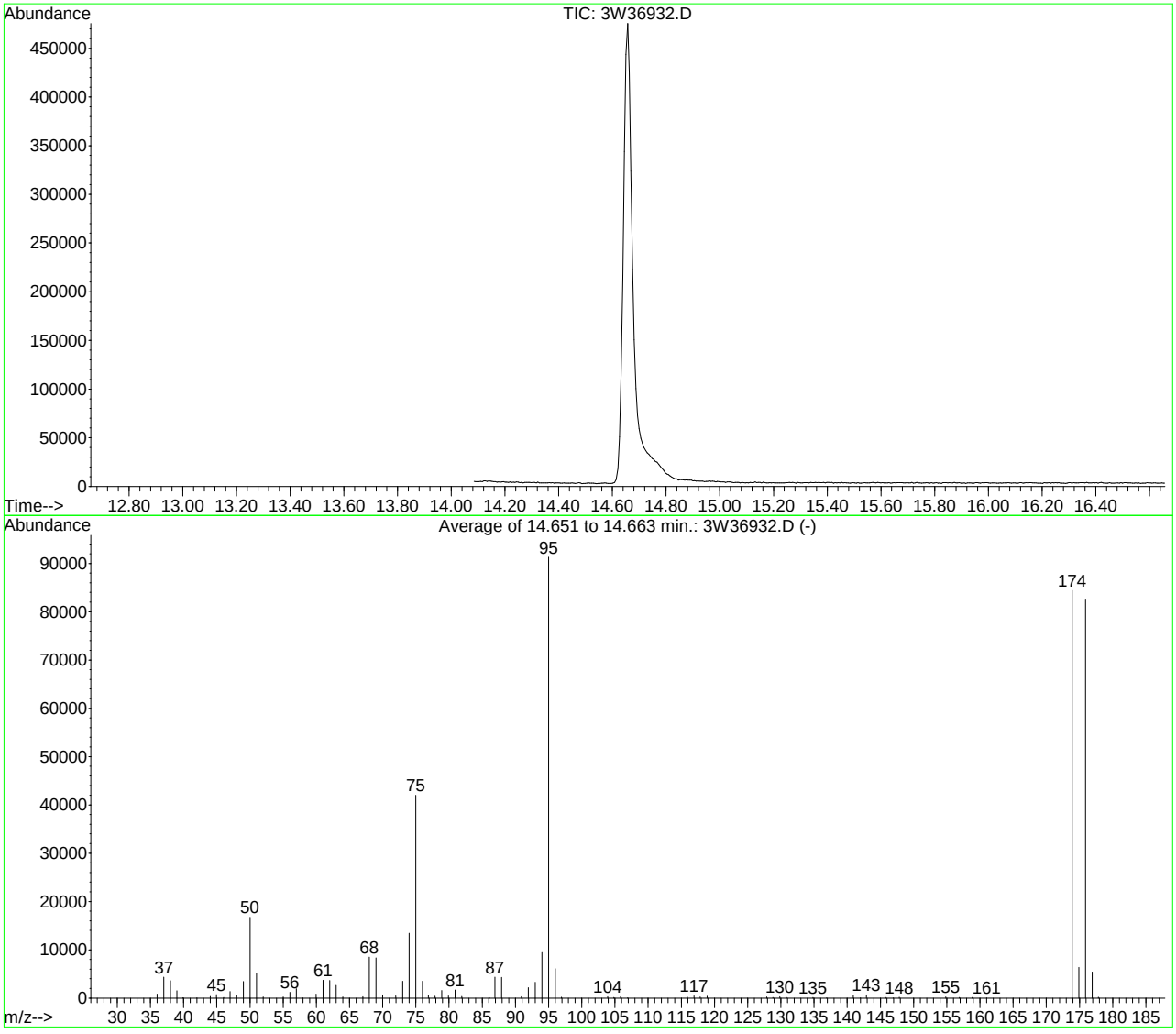
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

BFB

Data File : C:\MSDCHEM\1\DATA\3W36932.D Vial: 5
Acq On : 6 Nov 2013 9:22 pm Operator: YOUMINH
Sample : BFB Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um



AutoFind: Scans 94, 95, 96; Background Corrected with Scan 84

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.3	16708	PASS
75	95	30	66	46.0	42005	PASS
95	95	100	100	100.0	91296	PASS
96	95	5	9	6.7	6079	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	92.5	84437	PASS
175	174	4	9	7.5	6343	PASS
176	174	93	101	97.9	82645	PASS
177	176	5	9	6.5	5411	PASS

3W36932.D M3W1416.M Thu Nov 07 13:03:07 2013 MS3W

Average of 14.651 to 14.663 min.: 3W36932.D
BFB
Modified:subtracted

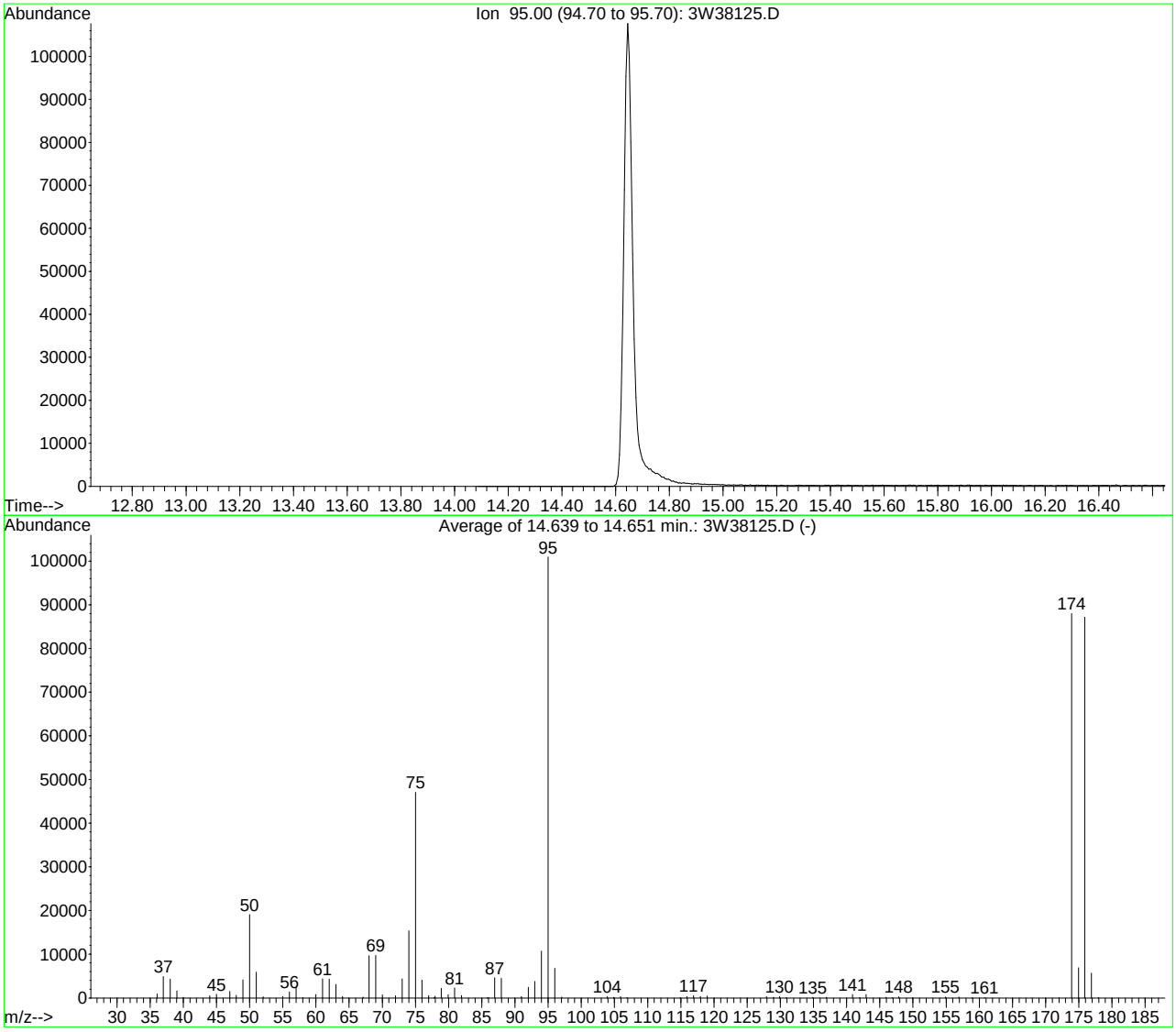
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	838	49.00	3453	63.00	2640	76.90	584
37.00	4343	50.00	16708	64.00	256	77.90	384
38.00	3581	51.00	5202	67.00	284	78.90	1585
39.00	1498	52.00	258	68.00	8477	79.90	483
39.90	59	55.00	232	69.00	8341	80.90	1655
42.00	33	56.00	1172	70.00	651	81.90	336
44.00	342	57.00	1944	71.95	454	86.10	40
44.95	725	57.90	81	73.00	3494	86.90	4320
46.05	154	59.95	831	74.00	13444	87.90	4293
47.00	1349	61.00	3684	75.00	42005	90.90	287
48.00	505	62.00	3620	76.00	3465	91.95	2178

Average of 14.651 to 14.663 min.: 3W36932.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	3251	117.85	258	145.80	134	177.85	182
94.00	9439	118.90	392	146.90	34		
95.00	91296	127.85	265	147.85	204		
96.00	6079	128.80	132	154.85	229		
96.95	194	129.85	310	156.90	143		
103.90	307	130.85	127	158.85	119		
104.85	160	134.85	150	161.00	35		
105.85	292	136.90	39	173.90	84437		
106.90	33	140.90	629	174.90	6343		
115.90	259	142.00	45	175.90	82645		
116.90	440	142.90	656	176.90	5411		

BFB

```
Data File : C:\MSDCHEM\1\DATA\3W38125.D                Vial: 5
Acq On    :  7 Jan 2014    9:10 am                  Operator: YOUMINH
Sample    : BFB                                     Inst    : MS3W
Misc      : MS61149,V3W1456,,,,,1                   Multiplr: 1.00
MS Integration Params: rteint.p
Method    : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title     : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
```



AutoFind: Scans 92, 93, 94; Background Corrected with Scan 82

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	18.9	19101	PASS
75	95	30	66	46.6	47061	PASS
95	95	100	100	100.0	100904	PASS
96	95	5	9	6.7	6802	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	87.2	87965	PASS
175	174	4	9	7.9	6931	PASS
176	174	93	101	99.1	87162	PASS
177	176	5	9	6.5	5684	PASS

3W38125.D M3W1416.M Tue Jan 07 14:13:46 2014 MS3W

Average of 14.639 to 14.651 min.: 3W38125.D
BFB
Modified:subtracted

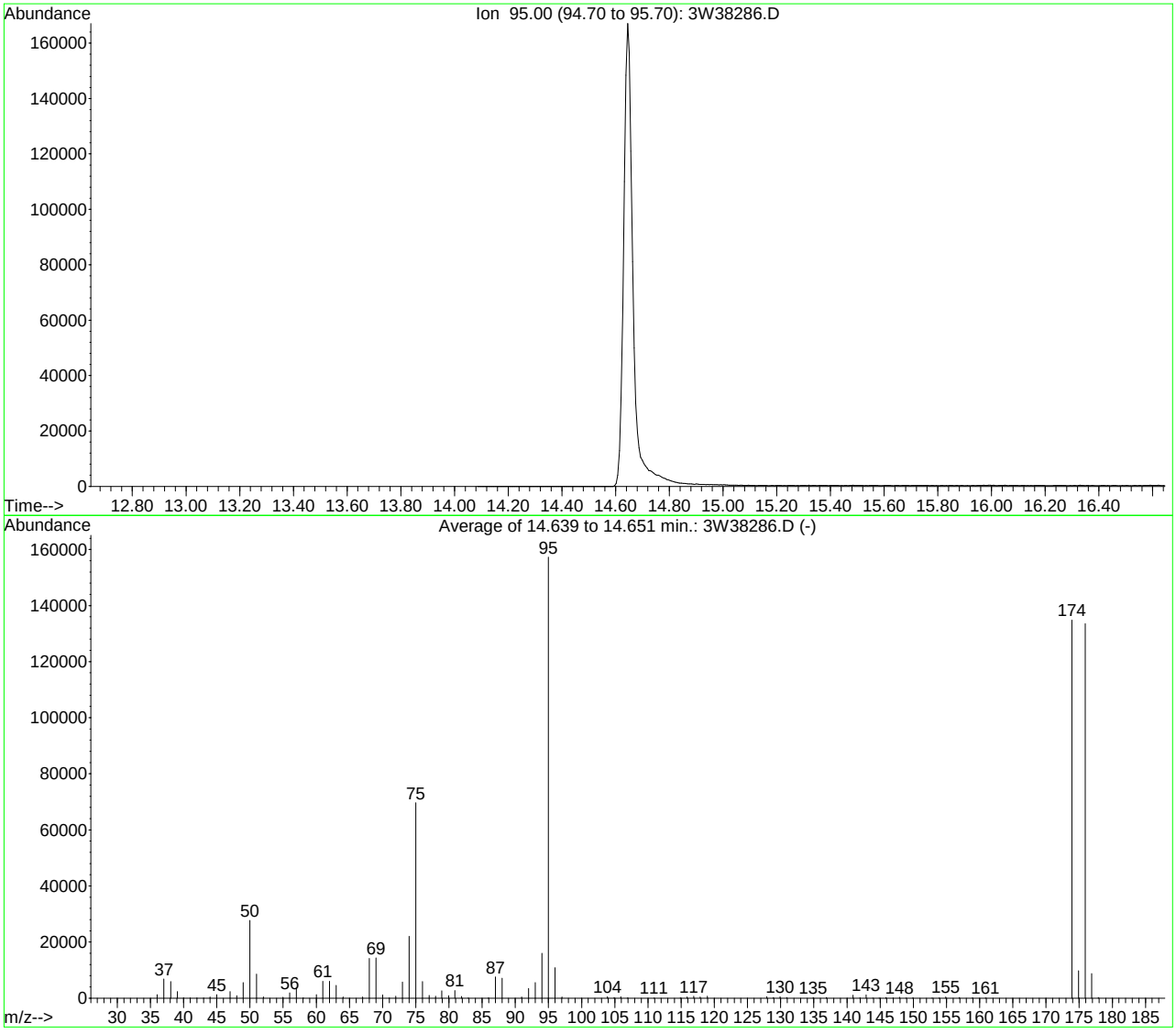
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	934	51.00	5922	67.10	215	77.95	365
37.00	4926	52.05	260	68.00	9688	78.90	2239
38.05	4326	55.00	297	69.00	9749	79.95	730
39.05	1623	56.00	1411	70.00	717	80.90	2321
40.00	158	57.00	2378	72.00	517	81.95	563
44.00	527	58.05	70	73.00	4396	85.80	33
45.00	875	60.00	826	74.00	15391	86.00	90
47.00	1474	61.00	4411	75.00	47061	86.95	4630
48.00	632	62.00	4337	76.00	4092	87.95	4501
49.00	4174	63.00	3118	77.00	547	90.95	347
50.00	19101	64.00	303	77.80	103	92.00	2435

Average of 14.639 to 14.651 min.: 3W38125.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
93.00	3771	116.90	525	142.95	796	174.95	6931
94.00	10742	117.95	322	145.95	152	175.90	87162
95.00	100904	118.95	463	146.90	38	176.90	5684
96.00	6802	127.90	337	147.85	244	177.95	102
97.05	229	128.95	147	149.90	36		
103.90	354	129.90	352	154.90	239		
104.85	123	130.90	89	156.90	199		
105.90	339	134.90	165	158.90	38		
106.90	69	136.95	169	160.80	83		
114.90	38	140.90	804	172.00	46		
115.90	319	141.95	106	173.90	87965		

BFB

Data File : C:\MSDCHEM\1\DATA\3W38286.D Vial: 5
Acq On : 15 Jan 2014 7:08 pm Operator: YOUMINH
Sample : BFB Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um



AutoFind: Scans 92, 93, 94; Background Corrected with Scan 82

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.6	27701	PASS
75	95	30	66	44.3	69674	PASS
95	95	100	100	100.0	157248	PASS
96	95	5	9	6.9	10911	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	85.7	134797	PASS
175	174	4	9	7.2	9738	PASS
176	174	93	101	99.1	133541	PASS
177	176	5	9	6.5	8721	PASS

3W38286.D M3W1462.M Thu Jan 16 12:21:19 2014 MS3W

Average of 14.639 to 14.651 min.: 3W38286.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	1266	48.00	834	62.00	5981	75.00	69674
37.00	6867	49.00	5544	63.00	4580	76.00	5959
38.05	5917	50.00	27701	64.05	452	77.00	942
39.05	2329	51.00	8585	67.00	381	78.00	664
40.00	182	52.05	439	68.00	14184	78.90	2618
41.00	21	55.00	299	69.00	14316	79.95	844
42.00	37	56.00	1861	70.00	1120	80.90	2697
43.00	67	57.00	3606	71.00	38	81.90	597
44.00	462	58.05	164	72.00	733	82.90	39
45.00	1213	60.00	1205	73.00	5718	85.95	190
47.00	2349	61.00	6020	74.00	22056	87.00	7556

Average of 14.639 to 14.651 min.: 3W38286.D
BFB
Modified:subtracted

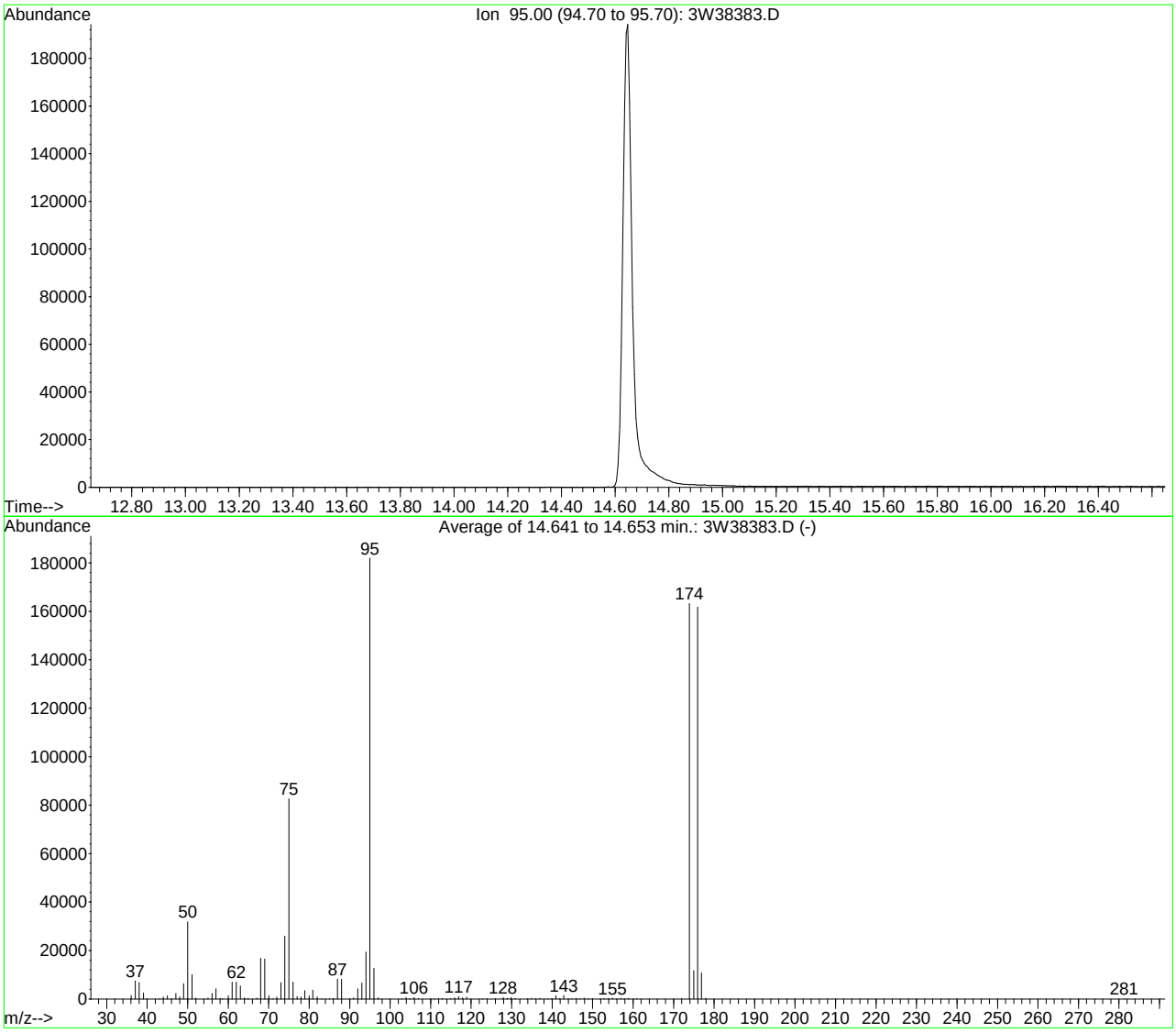
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
88.00	7071	106.95	136	134.90	233	149.95	157
90.95	441	110.90	69	136.90	218	152.85	89
92.00	3474	114.90	140	140.90	1086	153.90	81
93.00	5531	115.90	426	141.95	145	154.90	378
94.00	15960	116.90	724	142.90	1104	156.95	231
95.00	157248	117.85	446	143.90	37	158.90	141
96.00	10911	118.95	659	144.85	74	160.90	137
97.05	416	127.90	479	145.85	193	173.90	134797
103.90	499	128.90	225	146.95	78	174.90	9738
104.90	192	129.90	492	147.90	327	175.90	133541
105.90	484	130.90	208	148.90	78	176.90	8721

Average of 14.639 to 14.651 min.: 3W38286.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.90	256						

BFB

Data File : C:\MSDCHEM\1\DATA\3W38383.D Vial: 5
Acq On : 20 Jan 2014 8:50 am Operator: YOUMINH
Sample : BFB Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um



AutoFind: Scans 1728, 1729, 1730; Background Corrected with Scan 1717

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.5	31906	PASS
75	95	30	66	45.4	82624	PASS
95	95	100	100	100.0	182002	PASS
96	95	5	9	7.0	12698	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	89.7	163306	PASS
175	174	4	9	7.2	11717	PASS
176	174	93	101	99.0	161728	PASS
177	176	5	9	6.7	10775	PASS

3W38383.D M3W1462.M Tue Jan 21 10:35:44 2014 MS3W

Average of 14.641 to 14.653 min.: 3W38383.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	1408	49.00	6363	62.00	6934	73.00	6775
37.05	7444	50.00	31906	63.00	5342	74.00	25917
38.00	6812	51.05	9999	64.00	447	75.00	82624
39.10	2477	52.05	417	64.80	30	76.00	6996
40.00	65	55.00	402	65.05	45	77.00	1033
43.05	39	56.00	2275	67.05	422	77.95	799
44.00	815	57.00	4215	68.00	16818	78.90	3417
45.00	1334	58.05	162	69.00	16521	80.00	1325
46.05	66	58.60	19	70.05	1376	80.90	3661
47.05	2253	60.00	1324	71.05	59	81.95	891
48.00	895	61.00	6923	72.00	802	83.10	109

Average of 14.641 to 14.653 min.: 3W38383.D
BFB
Modified:subtracted

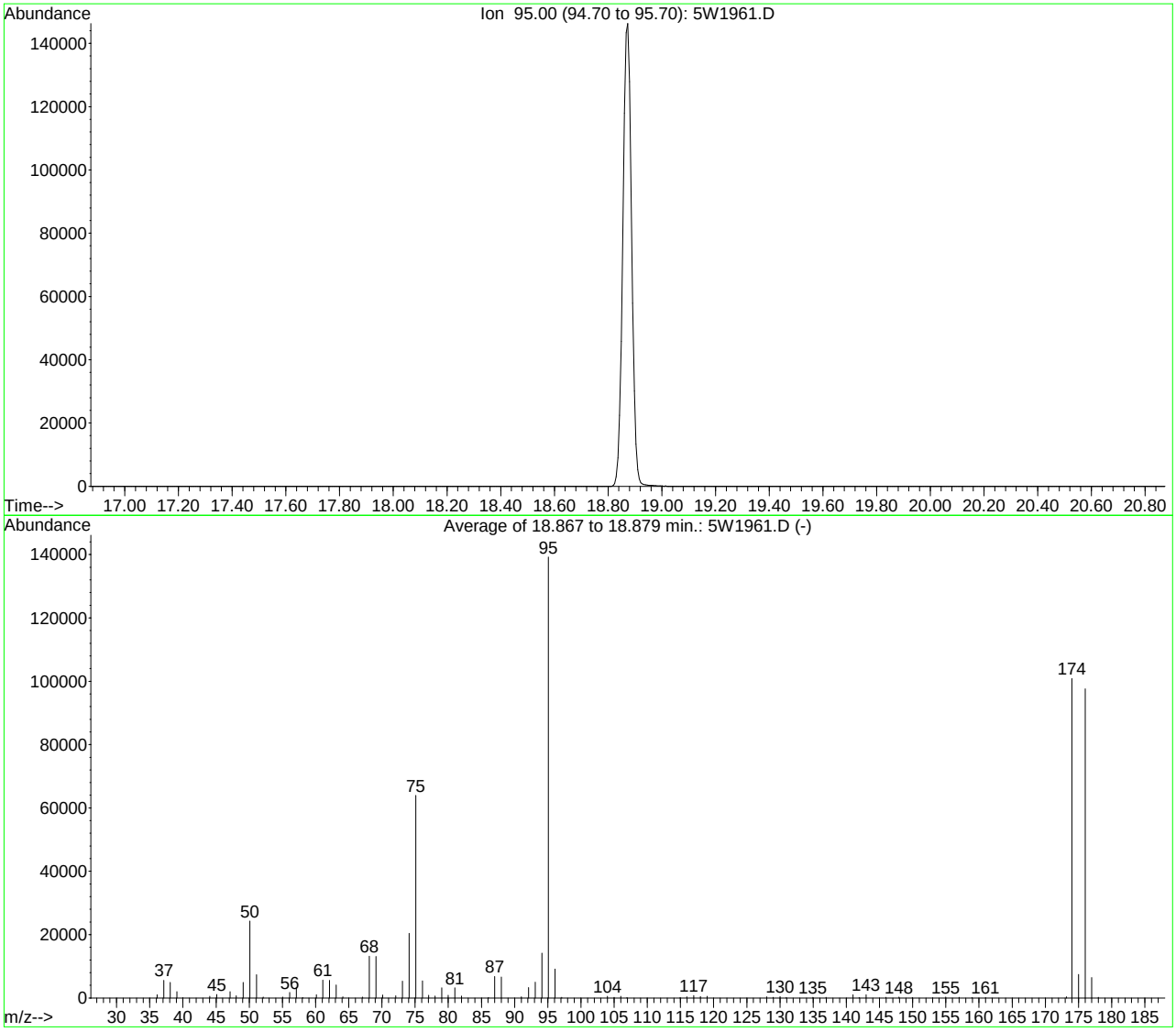
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
85.00	27	102.95	78	116.95	894	134.90	269
85.95	191	103.90	603	117.90	487	135.90	18
87.00	8193	104.90	210	118.90	755	136.95	263
88.00	8167	105.90	621	122.90	19	138.85	36
90.95	436	106.95	156	123.95	96	139.90	118
92.00	4242	109.95	83	125.95	60	140.90	1337
93.00	6616	110.95	80	127.90	617	141.85	206
94.00	19386	111.90	80	128.90	262	142.90	1457
95.00	182002	112.85	115	129.90	595	143.95	97
96.00	12698	114.95	153	130.90	237	144.85	107
97.05	468	115.90	502	133.90	18	145.90	272

Average of 14.641 to 14.653 min.: 3W38383.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
146.95	129	157.80	72				
147.90	425	158.85	216				
148.95	107	160.90	178				
149.95	149	172.00	89				
151.90	82	173.90	163306				
152.85	139	174.95	11717				
153.80	36	175.90	161728				
154.00	84	176.90	10775				
154.95	413	177.90	292				
155.85	106	281.30	18				
156.95	317						

BFB

Data File : C:\MSDCHEM\1\DATA\OLDV3W\5W1961.D Vial: 5
Acq On : 23 Dec 2013 4:49 pm Operator: MIKEL1
Sample : BFB Inst : GCMS5W
Misc : ms60248,v5w79,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um



AutoFind: Scans 2416, 2417, 2418; Background Corrected with Scan 2405

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	17.4	24282	PASS
75	95	30	66	46.0	63970	PASS
95	95	100	100	100.0	139205	PASS
96	95	5	9	6.5	9098	PASS
173	174	0.00	2	0.3	328	PASS
174	95	50	120	72.4	100842	PASS
175	174	4	9	7.4	7424	PASS
176	174	93	101	96.8	97592	PASS
177	176	5	9	6.6	6420	PASS

5W1961.D M3W1416.M Thu Dec 26 12:26:43 2013 MS3W

Average of 18.867 to 18.879 min.: 5W1961.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	995	51.10	7313	67.10	325	79.00	3174
37.10	5579	52.10	313	68.10	13150	80.00	866
38.10	4951	55.05	307	69.10	13125	81.00	3235
39.10	1988	56.10	1784	70.10	973	82.00	625
40.00	41	57.10	3293	72.10	664	86.05	157
44.05	555	58.05	133	73.10	5341	87.00	6743
45.10	1089	60.10	1043	74.10	20426	88.00	6602
47.10	1999	61.10	5674	75.10	63970	91.00	411
48.05	668	62.10	5528	76.10	5391	92.10	3326
49.10	4948	63.10	4094	77.05	862	93.10	4966
50.10	24282	64.10	358	78.00	623	94.10	14147

Average of 18.867 to 18.879 min.: 5W1961.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
95.10	139205	119.00	574	147.95	264	177.00	6420
96.10	9098	128.00	415	149.95	109	178.00	175
97.10	239	128.95	187	153.00	34		
104.00	508	130.00	441	155.00	279		
105.00	174	130.95	165	157.00	202		
106.00	500	134.95	195	158.95	120		
106.95	116	136.95	190	161.00	127		
114.95	125	141.00	1019	173.20	328		
115.95	392	141.95	137	174.00	100842		
117.00	740	143.00	1037	175.00	7424		
118.00	421	145.95	173	176.00	97592		

BFB

```
Data File : C:\MSDCHEM\1\DATA\OLDV3W\5W2455.D            Vial: 4
Acq On    : 18 Jan 2014   8:22 am                    Operator: MIKEL1
Sample    : BFB                                      Inst    : GCMS5W
Misc      : ms61597,v5w99,,,,,1                      Multiplr: 1.00
MS Integration Params: rteint.p
Method    : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title     : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
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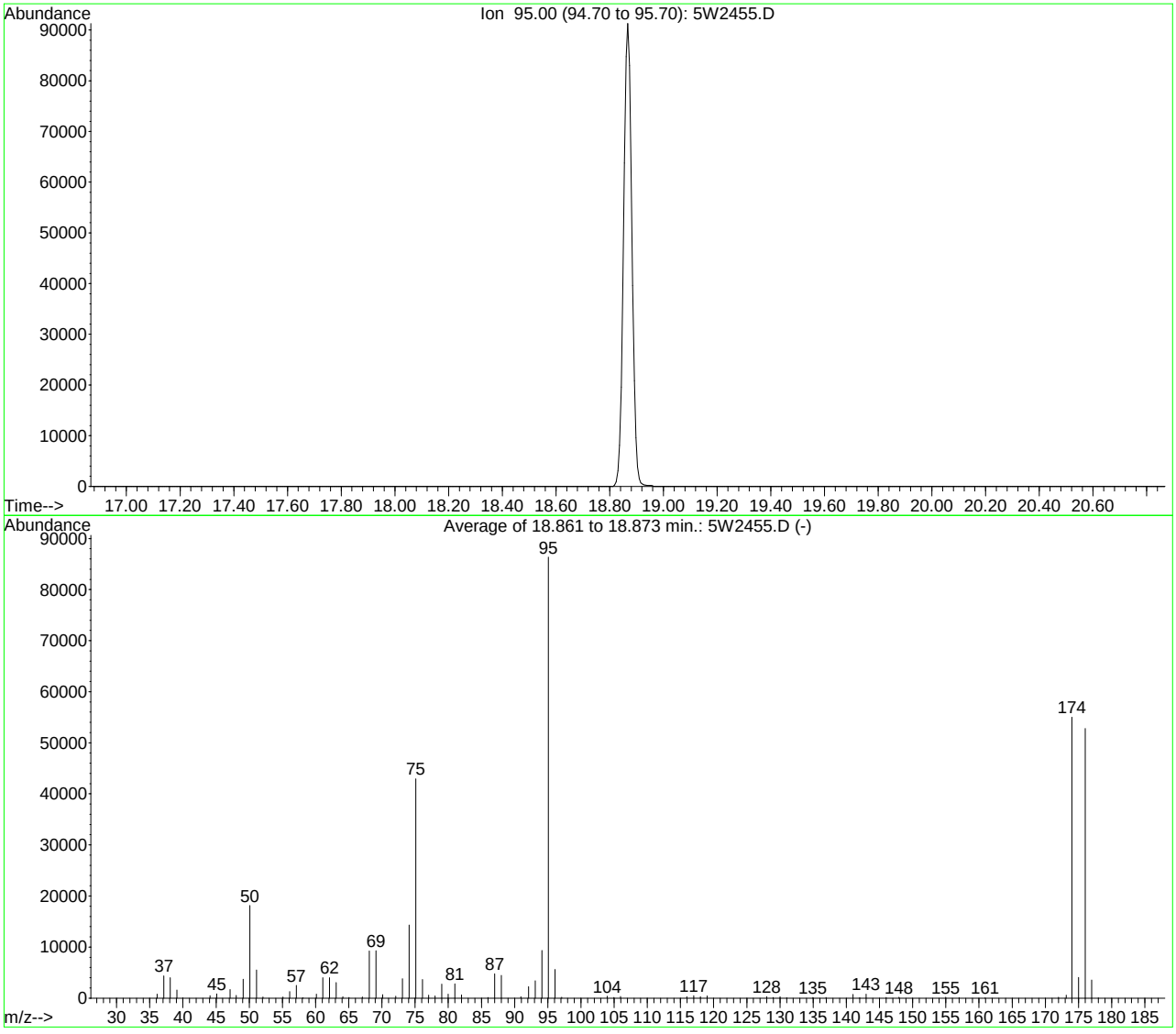


AutoFind: Scans 2415, 2416, 2417; Background Corrected with Scan 2405

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	8	40	21.0	18141	PASS
75	95	30	66	49.7	42938	PASS
95	95	100	100	100.0	86346	PASS
96	95	5	9	6.5	5628	PASS
173	174	0.00	2	1.1	580	PASS
174	95	50	120	63.7	54994	PASS
175	174	4	9	7.4	4059	PASS
176	174	93	101	96.0	52784	PASS
177	176	5	9	6.7	3546	PASS

5W2455.D M3W1462.M Mon Jan 20 16:53:51 2014 MS3W

Average of 18.861 to 18.873 min.: 5W2455.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	763	51.10	5528	65.05	149	78.00	425
37.10	4366	52.05	251	67.05	231	79.00	2734
38.10	4011	55.10	223	68.10	9259	80.00	770
39.10	1607	56.10	1310	69.10	9274	81.00	2815
40.00	41	57.10	2507	70.10	665	82.00	622
44.10	494	58.10	74	72.10	404	86.00	115
45.10	835	60.10	763	73.10	3805	87.00	4775
47.10	1669	61.10	4015	74.10	14297	88.00	4478
48.05	516	62.10	4017	75.10	42938	90.95	297
49.10	3718	63.10	3042	76.10	3658	92.10	2243
50.10	18141	64.10	292	77.05	589	93.10	3407

Average of 18.861 to 18.873 min.: 5W2455.D
BFB
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
94.10	9355	128.00	286	155.00	166		
95.10	86346	128.95	136	157.00	81		
96.10	5628	130.00	275	160.90	33		
97.10	172	131.00	78	172.00	167		
103.95	367	134.95	130	173.15	580		
104.95	124	136.95	129	174.00	54994		
105.95	354	141.00	733	175.00	4059		
115.95	272	142.00	69	176.00	52784		
117.00	483	143.00	778	177.00	3546		
118.00	297	146.00	105	178.00	37		
119.00	411	147.95	173				

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36935.D Vial: 1
Acq On : 6 Nov 2013 11:19 pm Operator: YOUMINH
Sample : IC1416-20 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:20 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.30	128	103682	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.89	114	536419	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.04	82	273947	10.00	PPBV		0.00
105) CHLOROBENZENE-D5 (a)	13.04	82	273350	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.67	95	318692	9.88	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 98.80%				
Target Compounds							Qvalue
3) FREON 152A	4.28	65	169605	20.69	PPBV		99
4) CHLORODIFLUOROMETHANE	4.31	67	60628	21.15	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	604060	20.63	PPBV		100
6) PROPYLENE	4.32	41	240009	20.78	PPBV		100
7) FREON 114	4.50	85	673902	21.04	PPBV		99
8) CHLOROMETHANE	4.46	50	312575	21.01	PPBV		97
9) VINYL CHLORIDE	4.58	62	300917	21.05	PPBV		99
10) 1,3-BUTADIENE	4.65	54	223476	21.33	PPBV		99
11) n-BUTANE	4.67	43	446885	20.81	PPBV		99
12) BROMOMETHANE	4.81	94	267469	21.22	PPBV		99
13) CHLOROETHANE	4.89	64	160293	21.51	PPBV		99
14) DICHLOROFLUOROMETHANE	4.94	67	600511	21.22	PPBV		100
15) ACETONITRILE	5.11	41	222821	22.83	PPBV		99
16) FREON 123	5.15	83	637722	20.93	PPBV		99
17) FREON 123A	5.19	117	366955	20.98	PPBV		100
18) TRICHLOROFLUOROMETHANE	5.32	101	608732	21.05	PPBV		99
19) ISOPROPYL ALCOHOL	5.37	45	543765	22.02	PPBV		98
20) ACETONE	5.23	58	140988	22.07	PPBV		99
21) PENTANE	5.49	42	299494	21.45	PPBV		100
22) TVHC as EQUIV PENTANE	5.50	TIC	1754240m	21.65	PPBV		
23) IODOMETHANE	5.67	142	687322	20.89	PPBV		99
24) 1,1-DICHLOROETHYLENE	5.71	96	269213	21.25	PPBV		100
25) CARBON DISULFIDE	5.98	76	783548	21.24	PPBV		100
26) ETHANOL	4.97	45	122140	22.53	PPBV		98
27) BROMOETHENE	5.09	106	269039	20.95	PPBV		100
28) ACRYLONITRILE	5.51	52	182786	22.19	PPBV		100
29) METHYLENE CHLORIDE	5.79	84	240315	20.61	PPBV		95
30) 3-CHLOROPROPENE	5.85	76	125152	21.37	PPBV		99
31) FREON 113	5.93	151	441497	21.00	PPBV		100
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	265858	21.14	PPBV		99
33) TERTIARY BUTYL ALCOHOL	5.72	59	637093	21.89	PPBV		99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	760593	21.04	PPBV		100
35) TETRAHYDROFURAN	7.68	72	142704	21.49	PPBV		99
36) HEXANE	7.22	57	442364	20.76	PPBV		99
37) VINYL ACETATE	6.63	86	61059	21.35	PPBV	#	96
38) 1,1-DICHLOROETHANE	6.53	63	507641	20.78	PPBV		100
39) METHYL ETHYL KETONE	6.80	72	142740	21.79	PPBV		96
40) cis-1,2-DICHLOROETHYLENE	7.18	96	279859	21.05	PPBV		99
41) DIISOPROPYL ETHER	7.23	45	1074399	21.02	PPBV		100
42) ETHYL ACETATE	7.30	61	109146	21.45	PPBV		99
43) METHYL ACRYLATE	7.31	55	500260	21.74	PPBV		98
44) CHLOROFORM	7.38	83	539535	20.86	PPBV		100
45) 2,4-DIMETHYLPENTANE	7.92	57	555765	20.92	PPBV		100
46) 1,1,1-TRICHLOROETHANE	8.17	97	529401	20.62	PPBV		100
47) CARBON TETRACHLORIDE	8.70	117	520625	20.58	PPBV		100
48) 1,2-DICHLOROETHANE	7.96	62	318763	21.25	PPBV		100
50) BENZENE	8.57	78	865348	20.34	PPBV		99
51) CYCLOHEXANE	8.74	84	442363	20.19	PPBV		99

(#) = qualifier out of range (m) = manual integration
3W36935.D M3W1416.M Fri Nov 08 12:08:06 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36935.D Vial: 1
Acq On : 6 Nov 2013 11:19 pm Operator: YOUMINH
Sample : IC1416-20 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:20 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

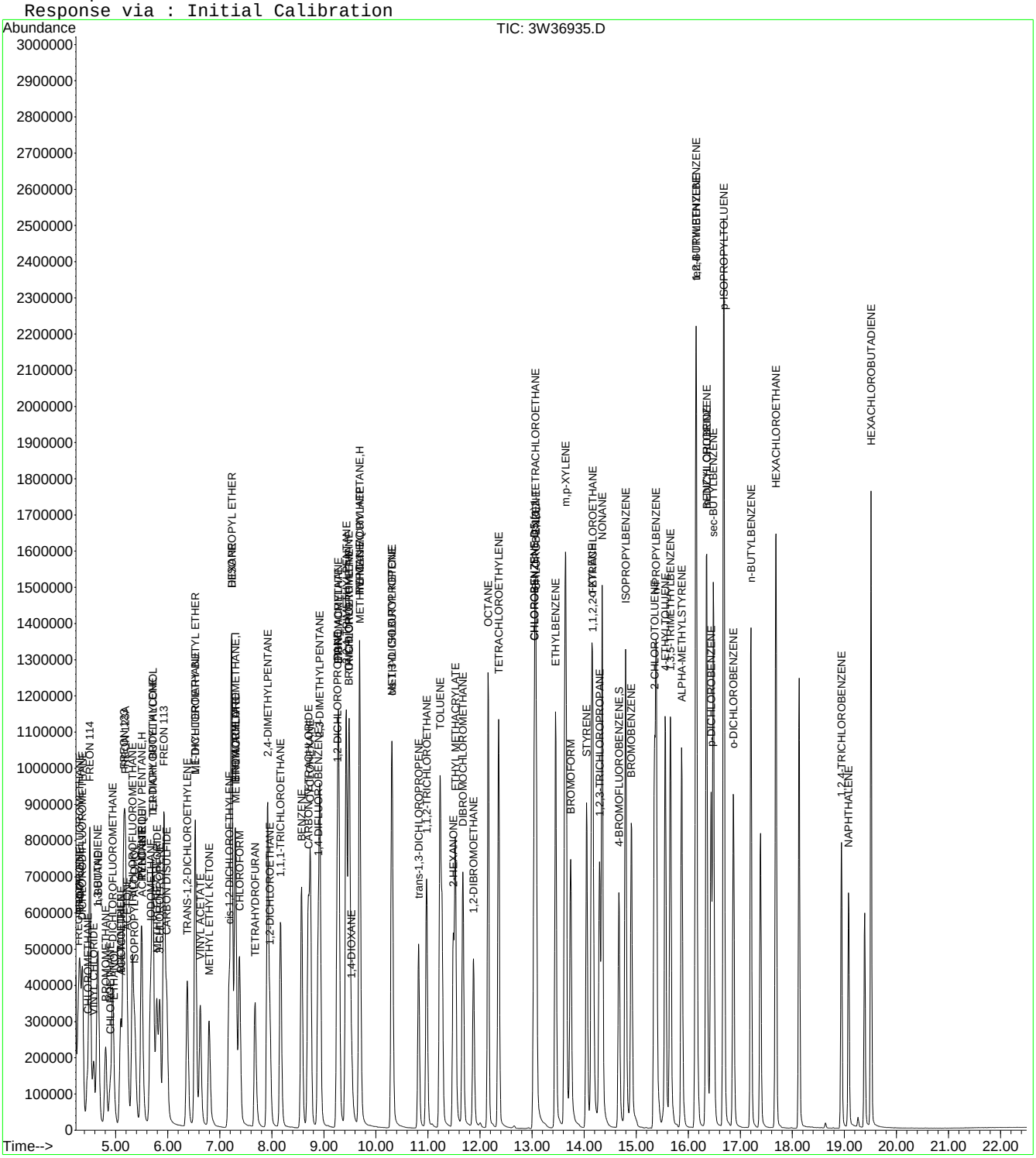
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.92	71	201275	20.49	PPBV	95
53)	TRICHLOROETHYLENE	9.49	95	343911	20.79	PPBV	100
54)	1,2-DICHLOROPROPANE	9.25	63	345637	20.53	PPBV	99
55)	DIBROMOMETHANE	9.28	174	330011	20.61	PPBV	99
56)	ETHYL ACRYLATE	9.28	55	650345	21.07	PPBV	100
57)	BROMODICHLOROMETHANE	9.47	83	567298	20.47	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.43	57	1415411	20.06	PPBV	100
59)	1,4-DIOXANE	9.53	88	191425	20.99	PPBV	99
60)	HEPTANE	9.68	43	545308	20.31	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.69	TIC	3588353m	20.64	PPBV	
62)	METHYL METHACRYLATE	9.70	69	315813	20.89	PPBV	97
63)	METHYL ISOBUTYL KETONE	10.30	58	263958	21.12	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	485175	21.02	PPBV	100
65)	TOLUENE	11.23	92	583938	20.73	PPBV	99
66)	trans-1,3-DICHLOROPROPENE	10.82	75	406167	21.49	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.98	83	295308	20.86	PPBV	100
69)	2-HEXANONE	11.49	58	356586	20.42	PPBV	98
70)	ETHYL METHACRYLATE	11.52	69	528613	20.10	PPBV	97
71)	TETRACHLOROETHYLENE	12.36	164	373502	19.56	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.67	129	555165	19.60	PPBV	100
73)	1,2-DIBROMOETHANE	11.88	107	475052	20.19	PPBV	100
74)	OCTANE	12.16	43	733965	19.41	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.06	131	412691	19.74	PPBV	100
76)	CHLOROBENZENE	13.08	112	693251	19.72	PPBV	100
77)	ETHYLBENZENE	13.45	91	1176553	19.46	PPBV	99
78)	m,p-XYLENE	13.64	106	887406	39.47	PPBV	97
79)	o-XYLENE	14.15	106	432575	19.76	PPBV	99
80)	STYRENE	14.05	104	653477	20.17	PPBV	100
81)	NONANE	14.35	43	728039	19.66	PPBV	99
82)	BROMOFORM	13.74	173	534885	19.94	PPBV	99
84)	1,1,2,2-TETRACHLOROETHANE	14.17	83	681051	19.89	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.30	75	509979	20.16	PPBV	99
86)	ISOPROPYLBENZENE	14.80	105	1260279	19.51	PPBV	99
87)	BROMOBENZENE	14.91	77	577289	20.09	PPBV	100
88)	2-CHLOROTOLUENE	15.35	126	305481	20.04	PPBV	100
89)	n-PROPYLBENZENE	15.39	120	329769	20.16	PPBV	99
90)	4-ETHYLTOLUENE	15.56	105	1094746	20.38	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	955715	19.91	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.87	118	480190	20.55	PPBV	99
93)	tert-BUTYLBENZENE	16.15	134	225965	20.23	PPBV	96
94)	1,2,4-TRIMETHYLBENZENE	16.16	105	913389	20.30	PPBV	99
95)	m-DICHLOROBENZENE	16.35	146	578363	20.89	PPBV	99
96)	BENZYL CHLORIDE	16.35	91	775334	21.43	PPBV	99
97)	p-DICHLOROBENZENE	16.44	146	563015	20.88	PPBV	99
98)	sec-BUTYLBENZENE	16.48	134	274306	20.61	PPBV	94
99)	p-ISOPROPYLTOLUENE	16.68	134	300246	21.11	PPBV	94
100)	o-DICHLOROBENZENE	16.87	146	553003	20.90	PPBV	100
101)	n-BUTYLBENZENE	17.21	134	260514	21.88	PPBV	96
102)	HEXACHLOROETHANE	17.68	117	421045	20.30	PPBV	99
103)	HEXACHLOROBUTADIENE	19.51	225	395345	20.26	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.95	180	329220	22.68	PPBV	99
106)	NAPHTHALENE	19.08	128	629545	23.65	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36935.D M3W1416.M Fri Nov 08 12:08:06 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36935.D Vial: 1
Acq On : 6 Nov 2013 11:19 pm Operator: YOUMINH
Sample : IC1416-20 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:54 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

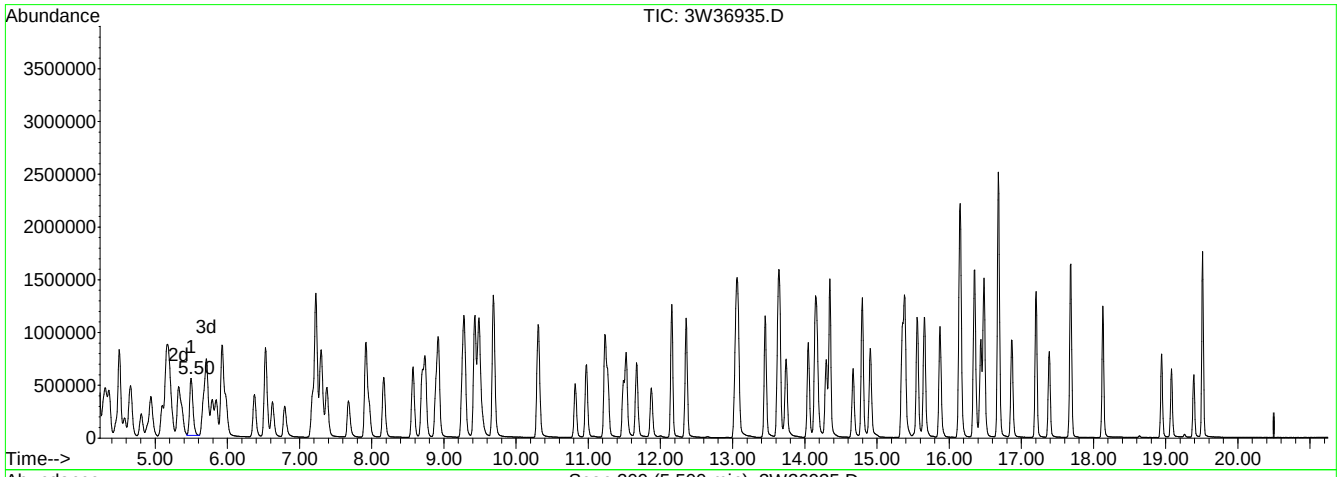


ACCUTEST LABORATORIES JB58146

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36935.D Vial: 1
Acq On : 6 Nov 2013 11:19 pm Operator: YOUMINH
Sample : IC1416-20 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:54 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36935.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 21.65PPBV m

response 1754240

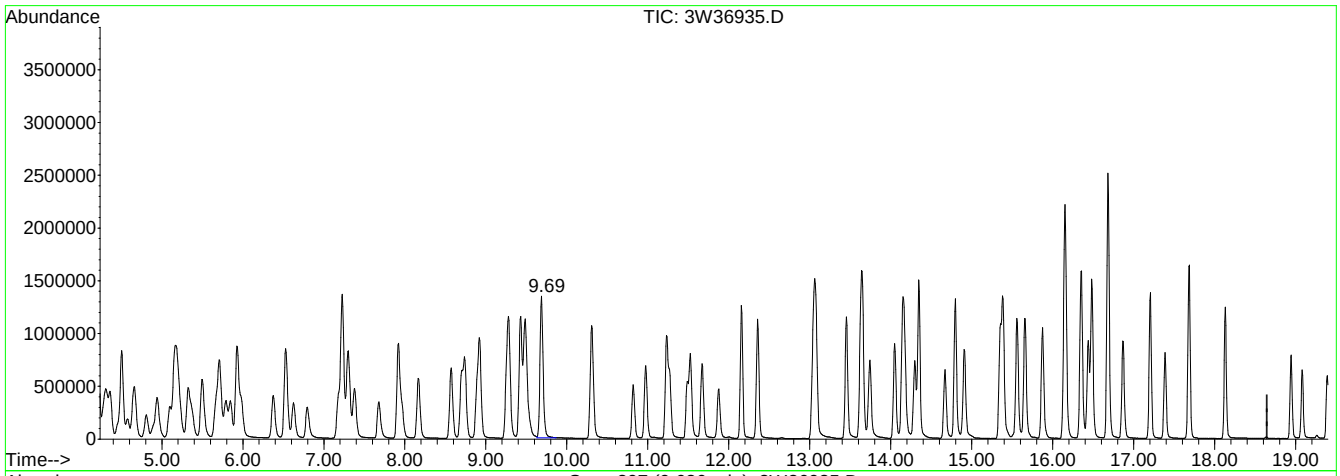
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	4.63#
0.00	3.40	4.03#
0.00	0.00	0.00

3W36935.D M3W1416.M Thu Nov 07 12:57:44 2013 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36935.D Vial: 1
Acq On : 6 Nov 2013 11:19 pm Operator: YOUMINH
Sample : IC1416-20 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:54 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36935.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 20.64PPBV m

response 3588353

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	2.26#
0.00	1.60	1.97#
0.00	0.00	0.00

3W36935.D M3W1416.M Fri Nov 08 11:39:38 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36936.D Vial: 1
Acq On : 6 Nov 2013 11:59 pm Operator: YOUMINH
Sample : IC1416-15 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:22 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.30	128	102480	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.89	114	524322	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	261805	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	260712	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	304863	9.89	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 98.90%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	129587	15.99	PPBV	99
4) CHLORODIFLUOROMETHANE	4.31	67	45486	16.06	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	457675	15.82	PPBV	100
6) PROPYLENE	4.33	41	182351	15.97	PPBV	99
7) FREON 114	4.50	85	508184	16.05	PPBV	100
8) CHLOROMETHANE	4.46	50	233455	15.88	PPBV	98
9) VINYL CHLORIDE	4.58	62	225009	15.93	PPBV	99
10) 1,3-BUTADIENE	4.65	54	168478	16.27	PPBV	100
11) n-BUTANE	4.67	43	338466	15.94	PPBV	99
12) BROMOMETHANE	4.81	94	199897	16.05	PPBV	99
13) CHLOROETHANE	4.89	64	118415	16.08	PPBV	100
14) DICHLOROFLUOROMETHANE	4.94	67	448301	16.03	PPBV	100
15) ACETONITRILE	5.10	41	162083	16.80	PPBV	98
16) FREON 123	5.15	83	482825	16.03	PPBV	100
17) FREON 123A	5.19	117	278509	16.11	PPBV	100
18) TRICHLOROFLUOROMETHANE	5.32	101	456497	15.97	PPBV	99
19) ISOPROPYL ALCOHOL	5.37	45	398818	16.34	PPBV	98
20) ACETONE	5.23	58	103791	16.44	PPBV	100
21) PENTANE	5.49	42	222352	16.11	PPBV	100
22) TVHC as EQUIV PENTANE	5.50	TIC	1294805m	16.17	PPBV	
23) IODOMETHANE	5.67	142	523396	16.10	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.71	96	201839	16.12	PPBV	99
25) CARBON DISULFIDE	5.98	76	587308	16.11	PPBV	100
26) ETHANOL	4.97	45	88134	16.45	PPBV	99
27) BROMOETHENE	5.09	106	203571	16.04	PPBV	100
28) ACRYLONITRILE	5.52	52	133424	16.39	PPBV	100
29) METHYLENE CHLORIDE	5.79	84	179284	15.56	PPBV	97
30) 3-CHLOROPROPENE	5.85	76	93310	16.12	PPBV	99
31) FREON 113	5.93	151	336230	16.18	PPBV	100
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	202699	16.31	PPBV	100
33) TERTIARY BUTYL ALCOHOL	5.71	59	481164	16.72	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	580978	16.26	PPBV	100
35) TETRAHYDROFURAN	7.68	72	108413	16.52	PPBV	100
36) HEXANE	7.22	57	339980	16.14	PPBV	99
37) VINYL ACETATE	6.63	86	46225	16.35	PPBV #	95
38) 1,1-DICHLOROETHANE	6.53	63	390712	16.18	PPBV	100
39) METHYL ETHYL KETONE	6.79	72	107468	16.60	PPBV	99
40) cis-1,2-DICHLOROETHYLENE	7.18	96	213042	16.21	PPBV	99
41) DIISOPROPYL ETHER	7.23	45	822042	16.27	PPBV	100
42) ETHYL ACETATE	7.30	61	83712	16.65	PPBV	98
43) METHYL ACRYLATE	7.31	55	380199	16.72	PPBV	98
44) CHLOROFORM	7.38	83	408925	15.99	PPBV	100
45) 2,4-DIMETHYLPENTANE	7.92	57	422745	16.10	PPBV	100
46) 1,1,1-TRICHLOROETHANE	8.16	97	405423	15.98	PPBV	100
47) CARBON TETRACHLORIDE	8.70	117	400048	16.00	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	241398	16.28	PPBV	100
50) BENZENE	8.57	78	659254	15.85	PPBV	99
51) CYCLOHEXANE	8.74	84	336905	15.73	PPBV	100

(#) = qualifier out of range (m) = manual integration
3W36936.D M3W1416.M Fri Nov 08 12:08:07 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36936.D Vial: 1
Acq On : 6 Nov 2013 11:59 pm Operator: YOUMINH
Sample : IC1416-15 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:22 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

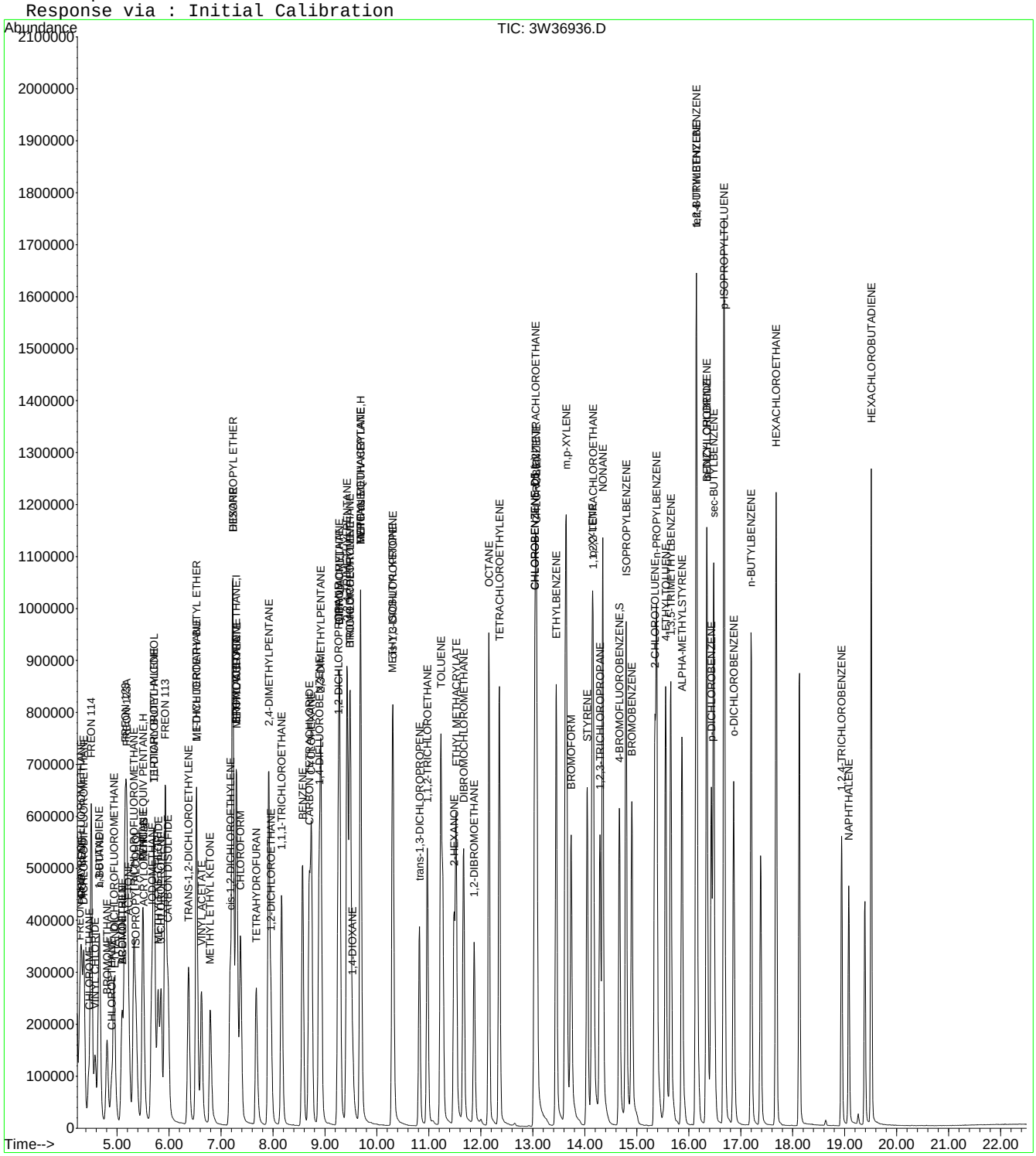
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.93	71	152644	15.89	PPBV	97
53)	TRICHLOROETHYLENE	9.49	95	261367	16.16	PPBV	99
54)	1,2-DICHLOROPROPANE	9.25	63	262592	15.96	PPBV	99
55)	DIBROMOMETHANE	9.28	174	251110	16.04	PPBV	100
56)	ETHYL ACRYLATE	9.28	55	493383	16.35	PPBV	100
57)	BROMODICHLOROMETHANE	9.47	83	430502	15.89	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	1087194	15.77	PPBV	100
59)	1,4-DIOXANE	9.53	88	143174	16.06	PPBV	98
60)	HEPTANE	9.68	43	414730	15.80	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.69	TIC	2723834m	16.03	PPBV	
62)	METHYL METHACRYLATE	9.69	69	240647	16.29	PPBV	98
63)	METHYL ISOBUTYL KETONE	10.29	58	199450	16.33	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	364140	16.14	PPBV	100
65)	TOLUENE	11.23	92	440214	15.99	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.82	75	302397	16.37	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.97	83	222955	16.11	PPBV	100
69)	2-HEXANONE	11.49	58	271955	16.29	PPBV	98
70)	ETHYL METHACRYLATE	11.52	69	399791	15.91	PPBV	97
71)	TETRACHLOROETHYLENE	12.36	164	282284	15.47	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.67	129	423997	15.66	PPBV	99
73)	1,2-DIBROMOETHANE	11.87	107	353326	15.71	PPBV	100
74)	OCTANE	12.16	43	556814	15.41	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.06	131	310335	15.53	PPBV	100
76)	CHLOROBENZENE	13.07	112	516136	15.36	PPBV	100
77)	ETHYLBENZENE	13.45	91	888360	15.37	PPBV	100
78)	m,p-XYLENE	13.64	106	661900	30.81	PPBV	98
79)	o-XYLENE	14.14	106	325115	15.54	PPBV	99
80)	STYRENE	14.05	104	479188	15.48	PPBV	100
81)	NONANE	14.35	43	552665	15.62	PPBV	100
82)	BROMOFORM	13.74	173	394023	15.37	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	507810	15.52	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.29	75	377234	15.61	PPBV	100
86)	ISOPROPYLBENZENE	14.80	105	952400	15.43	PPBV	100
87)	BROMOBENZENE	14.91	77	428341	15.59	PPBV	100
88)	2-CHLOROTOLUENE	15.35	126	226375	15.54	PPBV	100
89)	n-PROPYLBENZENE	15.38	120	246328	15.76	PPBV	98
90)	4-ETHYLTOLUENE	15.56	105	803552	15.65	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	712508	15.53	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.87	118	350831	15.71	PPBV	100
93)	tert-BUTYLBENZENE	16.14	134	166113	15.56	PPBV	98
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	669140	15.56	PPBV	99
95)	m-DICHLOROBENZENE	16.34	146	420669	15.90	PPBV	100
96)	BENZYL CHLORIDE	16.35	91	553282	16.00	PPBV	99
97)	p-DICHLOROBENZENE	16.43	146	406608	15.78	PPBV	100
98)	sec-BUTYLBENZENE	16.48	134	197101	15.49	PPBV	98
99)	p-ISOPROPYLTOLUENE	16.68	134	213876	15.74	PPBV	97
100)	o-DICHLOROBENZENE	16.86	146	397768	15.73	PPBV	99
101)	n-BUTYLBENZENE	17.20	134	181947	15.99	PPBV	98
102)	HEXACHLOROETHANE	17.68	117	306244	15.45	PPBV	99
103)	HEXACHLOROBUTADIENE	19.51	225	289634	15.53	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.94	180	233203	16.81	PPBV	99
106)	NAPHTHALENE	19.08	128	442160	17.42	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36936.D M3W1416.M Fri Nov 08 12:08:07 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36936.D Vial: 1
Acq On : 6 Nov 2013 11:59 pm Operator: YOUMINH
Sample : IC1416-15 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:55 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

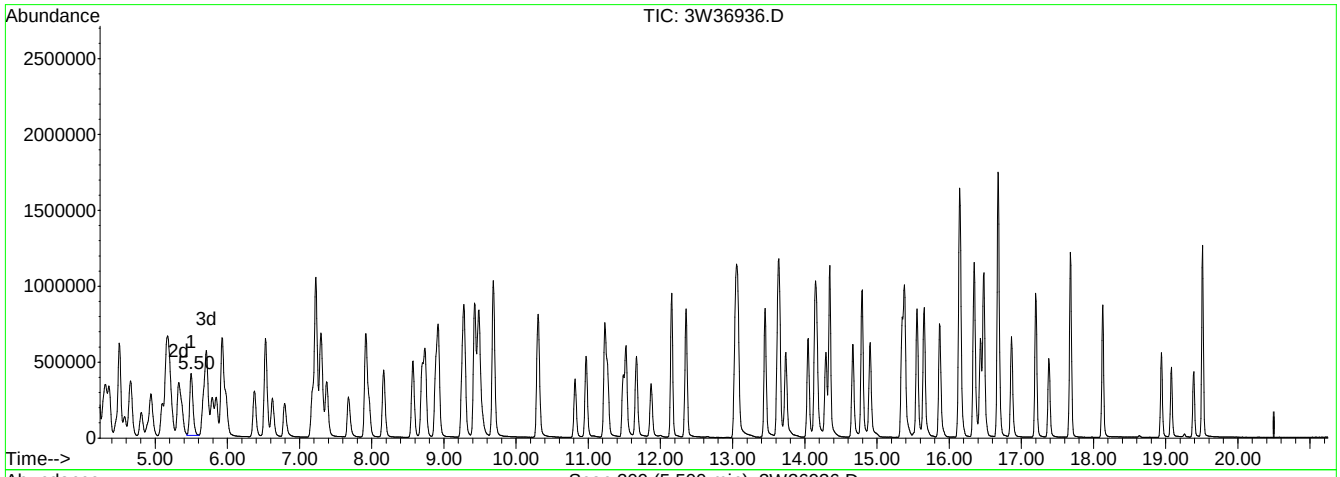


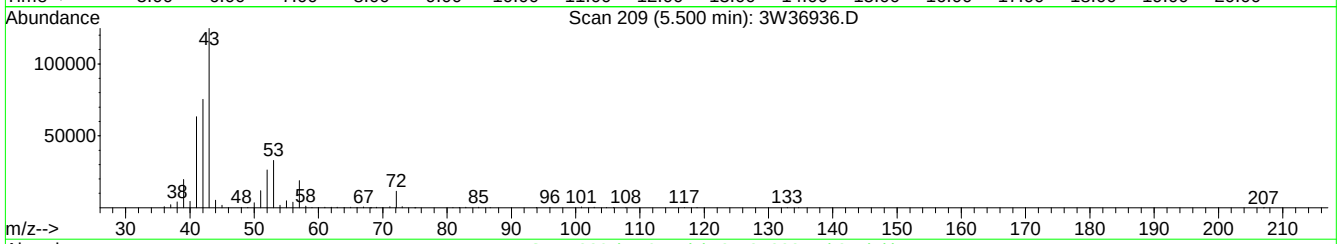
ACCUTEST LABORATORIES JB58146

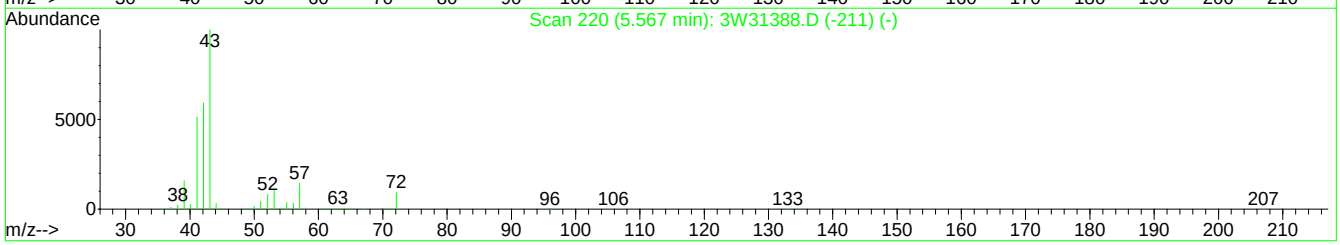
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36936.D Vial: 1
Acq On : 6 Nov 2013 11:59 pm Operator: YOUMINH
Sample : IC1416-15 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:55 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36936.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 16.17PPBV m

response 1294805

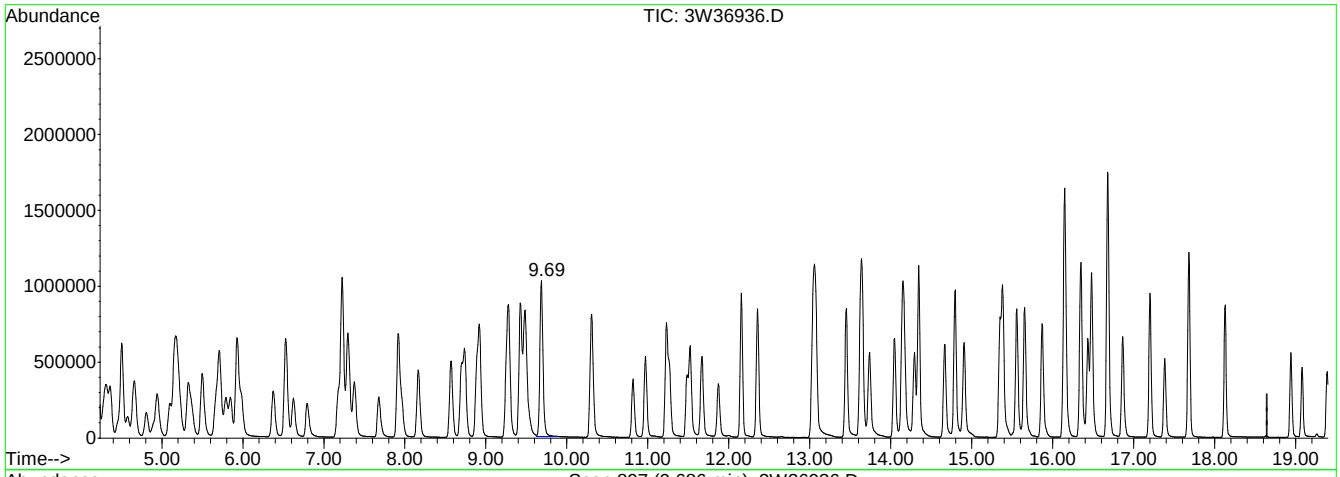
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	4.41#
0.00	3.40	3.80#
0.00	0.00	0.00

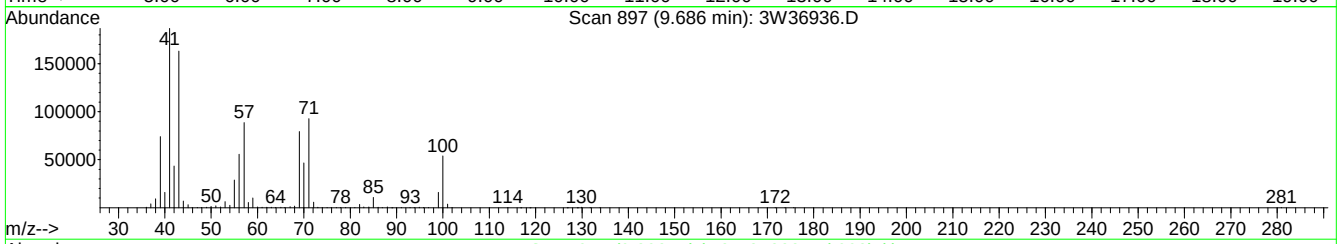
3W36936.D M3W1416.M Thu Nov 07 12:58:07 2013 MS3W

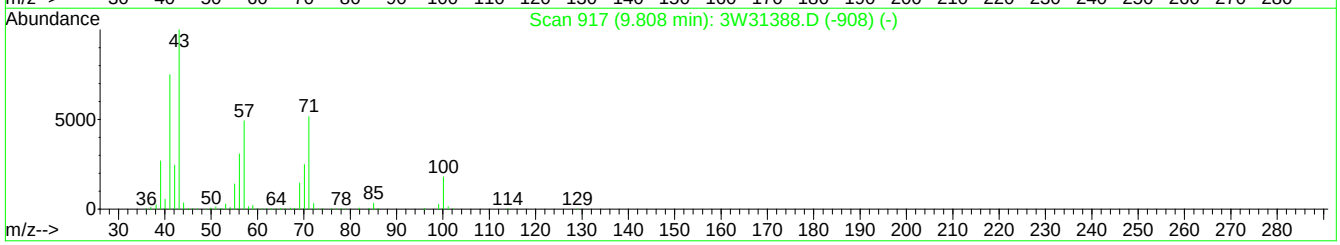
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36936.D Vial: 1
Acq On : 6 Nov 2013 11:59 pm Operator: YOUMINH
Sample : IC1416-15 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 8:55 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36936.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 16.03PPBV m

response 2723834

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	2.09#
0.00	1.60	1.80#
0.00	0.00	0.00

3W36936.D M3W1416.M Fri Nov 08 11:39:46 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36937.D Vial: 1
Acq On : 7 Nov 2013 12:38 am Operator: YOUMINH
Sample : ICC1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:23 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	107613	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	546262	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	267615	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	267615	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	314586	9.98	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.80%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	85774	10.08	PPBV	100
4) CHLORODIFLUOROMETHANE	4.31	67	29983	10.08	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	306289	10.08	PPBV	100
6) PROPYLENE	4.33	41	120935	10.09	PPBV	100
7) FREON 114	4.50	85	335992	10.11	PPBV	100
8) CHLOROMETHANE	4.46	50	155640	10.08	PPBV	100
9) VINYL CHLORIDE	4.58	62	149693	10.09	PPBV	100
10) 1,3-BUTADIENE	4.65	54	109599	10.08	PPBV	100
11) n-BUTANE	4.67	43	224697	10.08	PPBV	100
12) BROMOMETHANE	4.81	94	132147	10.10	PPBV	100
13) CHLOROETHANE	4.89	64	78010	10.09	PPBV	100
14) DICHLOROFLUOROMETHANE	4.94	67	296015	10.08	PPBV	100
15) ACETONITRILE	5.11	41	102103	10.08	PPBV	100
16) FREON 123	5.15	83	318711	10.08	PPBV	100
17) FREON 123A	5.19	117	182961	10.08	PPBV	100
18) TRICHLOROFLUOROMETHANE	5.32	101	302515	10.08	PPBV	100
19) ISOPROPYL ALCOHOL	5.37	45	257843	10.06	PPBV	100
20) ACETONE	5.23	58	66825	10.08	PPBV	100
21) PENTANE	5.49	42	146094	10.08	PPBV	100
22) TVHC as EQUIV PENTANE	5.50	TIC	842485m	10.02	PPBV	
23) IODOMETHANE	5.67	142	344156	10.08	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.71	96	132529	10.08	PPBV	100
25) CARBON DISULFIDE	5.98	76	387124	10.11	PPBV	100
26) ETHANOL	4.96	45	56722	10.08	PPBV	100
27) BROMOETHENE	5.09	106	134313	10.08	PPBV	100
28) ACRYLONITRILE	5.52	52	86169	10.08	PPBV	100
29) METHYLENE CHLORIDE	5.79	84	121972	10.08	PPBV	100
30) 3-CHLOROPROPENE	5.85	76	61272	10.08	PPBV	100
31) FREON 113	5.93	151	219907	10.08	PPBV	100
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	131543	10.08	PPBV	100
33) TERTIARY BUTYL ALCOHOL	5.71	59	308057	10.20	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	377744	10.07	PPBV	100
35) TETRAHYDROFURAN	7.68	72	69405	10.07	PPBV	100
36) HEXANE	7.22	57	222935	10.08	PPBV	100
37) VINYL ACETATE	6.63	86	29928	10.08	PPBV	100
38) 1,1-DICHLOROETHANE	6.53	63	255541	10.08	PPBV	100
39) METHYL ETHYL KETONE	6.79	72	68430	10.07	PPBV	100
40) cis-1,2-DICHLOROETHYLENE	7.18	96	139091	10.08	PPBV	100
41) DIISOPROPYL ETHER	7.23	45	534454	10.07	PPBV	100
42) ETHYL ACETATE	7.29	61	53946	10.22	PPBV	97
43) METHYL ACRYLATE	7.31	55	240742	10.08	PPBV	100
44) CHLOROFORM	7.37	83	270917	10.09	PPBV	100
45) 2,4-DIMETHYLPENTANE	7.92	57	277957	10.08	PPBV	100
46) 1,1,1-TRICHLOROETHANE	8.16	97	268903	10.09	PPBV	100
47) CARBON TETRACHLORIDE	8.69	117	264950	10.09	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	156947	10.08	PPBV	100
50) BENZENE	8.57	78	432822	9.99	PPBV	100
51) CYCLOHEXANE	8.74	84	223181	10.00	PPBV	100

(#) = qualifier out of range (m) = manual integration
3W36937.D M3W1416.M Fri Nov 08 12:08:09 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36937.D Vial: 1
Acq On : 7 Nov 2013 12:38 am Operator: YOUMINH
Sample : ICC1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:23 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

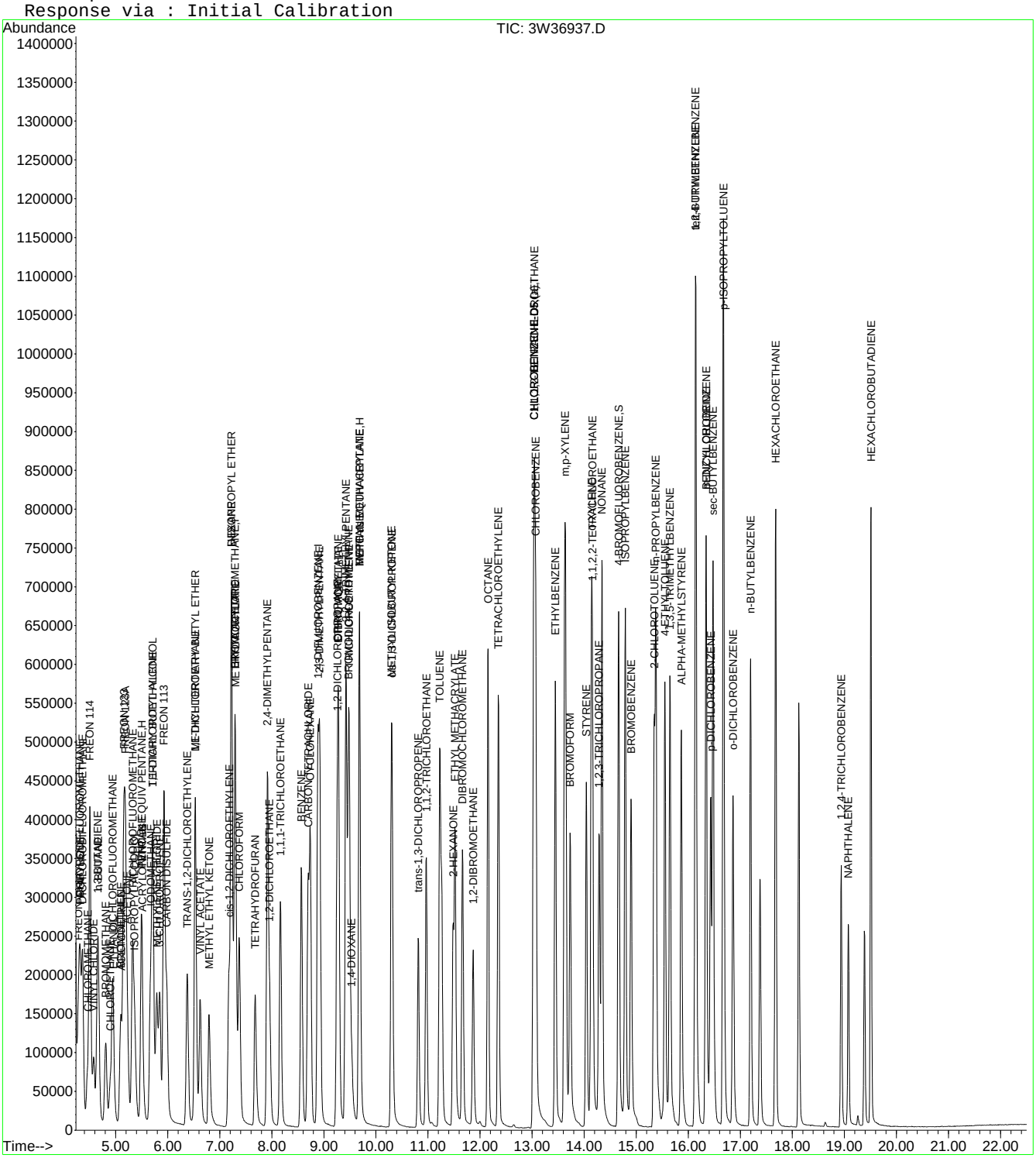
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.92	71	99950	9.99	PPBV	100
53)	TRICHLOROETHYLENE	9.49	95	168434	10.00	PPBV	100
54)	1,2-DICHLOROPROPANE	9.25	63	171273	9.99	PPBV	100
55)	DIBROMOMETHANE	9.28	174	162889	9.99	PPBV	100
56)	ETHYL ACRYLATE	9.28	55	313980	9.99	PPBV	100
57)	BROMODICHLOROMETHANE	9.47	83	281929	9.99	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	717608	9.99	PPBV	100
59)	1,4-DIOXANE	9.53	88	91854	9.89	PPBV	100
60)	HEPTANE	9.68	43	273115	9.99	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.69	TIC	1767855m	9.99	PPBV	
62)	METHYL METHACRYLATE	9.69	69	153811	9.99	PPBV	100
63)	METHYL ISOBUTYL KETONE	10.29	58	127133	9.99	PPBV	100
64)	cis-1,3-DICHLOROPROPENE	10.31	75	235326	10.01	PPBV	100
65)	TOLUENE	11.22	92	287311	10.02	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	193353	10.05	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.97	83	144700	10.04	PPBV	100
69)	2-HEXANONE	11.48	58	168808	9.89	PPBV	100
70)	ETHYL METHACRYLATE	11.52	69	254400	9.90	PPBV	100
71)	TETRACHLOROETHYLENE	12.35	164	184715	9.90	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.66	129	273808	9.90	PPBV	100
73)	1,2-DIBROMOETHANE	11.87	107	227652	9.90	PPBV	100
74)	OCTANE	12.15	43	365834	9.90	PPBV	100
75)	1,1,1,2-TETRACHLOROETHANE	13.05	131	202297	9.90	PPBV	100
76)	CHLOROBENZENE	13.07	112	340153	9.90	PPBV	100
77)	ETHYLBENZENE	13.45	91	584968	9.90	PPBV	100
78)	m,p-XYLENE	13.63	106	435086	19.81	PPBV	100
79)	o-XYLENE	14.14	106	211859	9.91	PPBV	100
80)	STYRENE	14.04	104	313362	9.90	PPBV	100
81)	NONANE	14.34	43	359132	9.93	PPBV	100
82)	BROMOFORM	13.73	173	258852	9.88	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	334804	10.01	PPBV	99
85)	1,2,3-TRICHLOROPROPANE	14.28	75	244689	9.90	PPBV	100
86)	ISOPROPYLBENZENE	14.79	105	625529	9.91	PPBV	100
87)	BROMOBENZENE	14.90	77	278050	9.90	PPBV	100
88)	2-CHLOROTOLUENE	15.34	126	147706	9.92	PPBV	100
89)	n-PROPYLBENZENE	15.38	120	158252	9.90	PPBV	100
90)	4-ETHYLTOLUENE	15.55	105	528660	10.08	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	466557	9.95	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.87	118	228233	10.00	PPBV	100
93)	tert-BUTYLBENZENE	16.14	134	108052	9.90	PPBV	100
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	436313	9.93	PPBV	100
95)	m-DICHLOROBENZENE	16.34	146	267879	9.90	PPBV	100
96)	BENZYL CHLORIDE	16.35	91	349990	9.90	PPBV	100
97)	p-DICHLOROBENZENE	16.43	146	263278	10.00	PPBV	99
98)	sec-BUTYLBENZENE	16.48	134	128771	9.90	PPBV	100
99)	p-ISOPROPYLTOLUENE	16.68	134	138535	9.97	PPBV	99
100)	o-DICHLOROBENZENE	16.86	146	256721	9.93	PPBV	100
101)	n-BUTYLBENZENE	17.20	134	115501	9.93	PPBV	100
102)	HEXACHLOROETHANE	17.68	117	200614	9.90	PPBV	100
103)	HEXACHLOROBUTADIENE	19.51	225	189716	9.95	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.94	180	140426	9.90	PPBV	100
106)	NAPHTHALENE	19.08	128	262556	10.08	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36937.D M3W1416.M Fri Nov 08 12:08:09 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36937.D Vial: 1
Acq On : 7 Nov 2013 12:38 am Operator: YOUMINH
Sample : ICC1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: M3W1416.RES

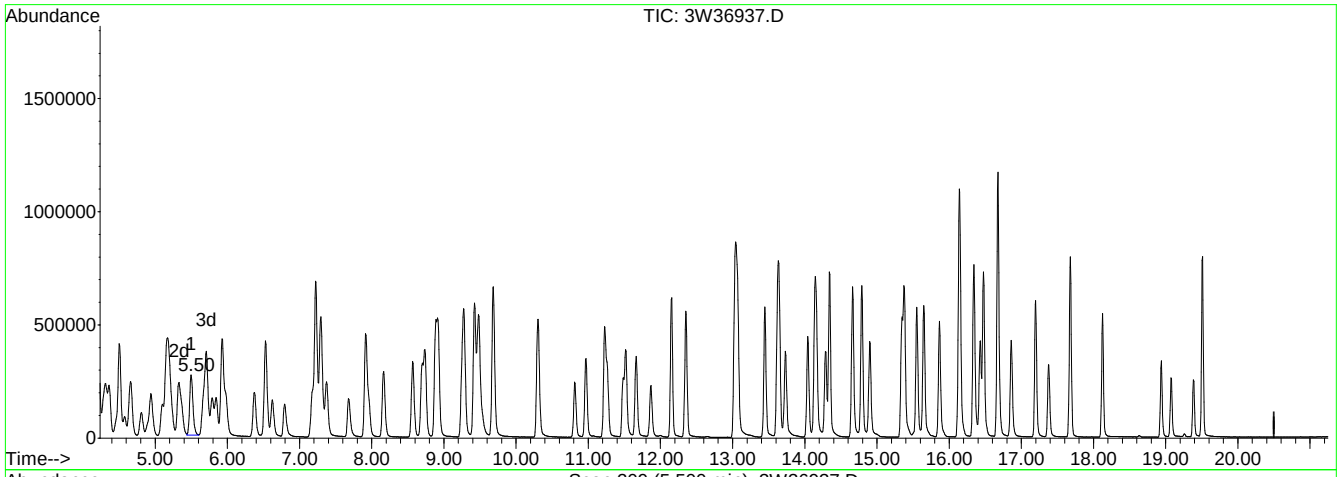
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

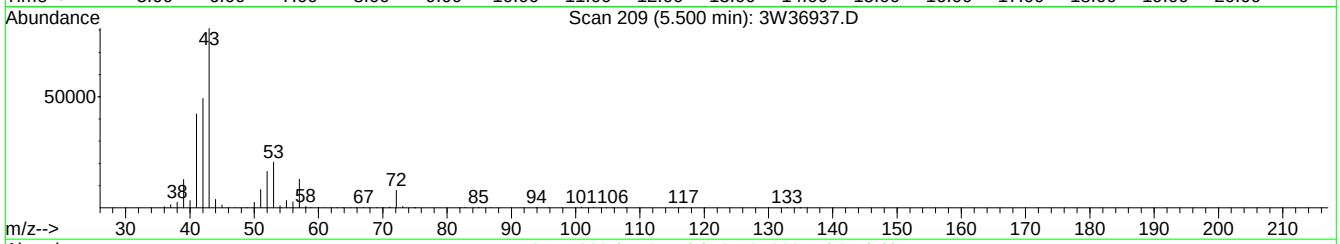


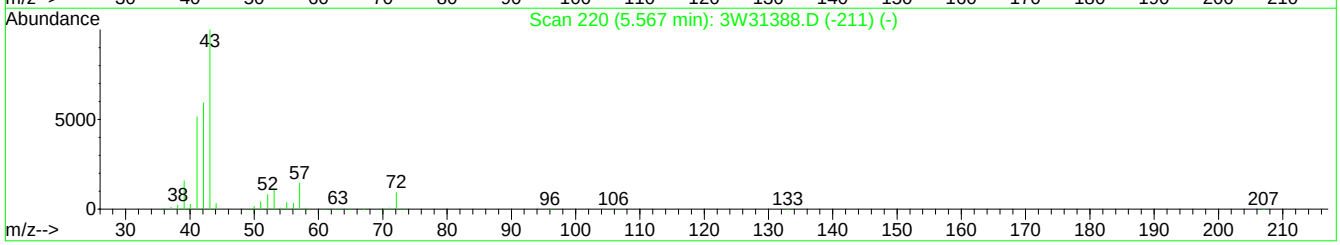
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36937.D Vial: 1
Acq On : 7 Nov 2013 12:38 am Operator: YOUMINH
Sample : ICC1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36937.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 10.02PPBV m

response 842485

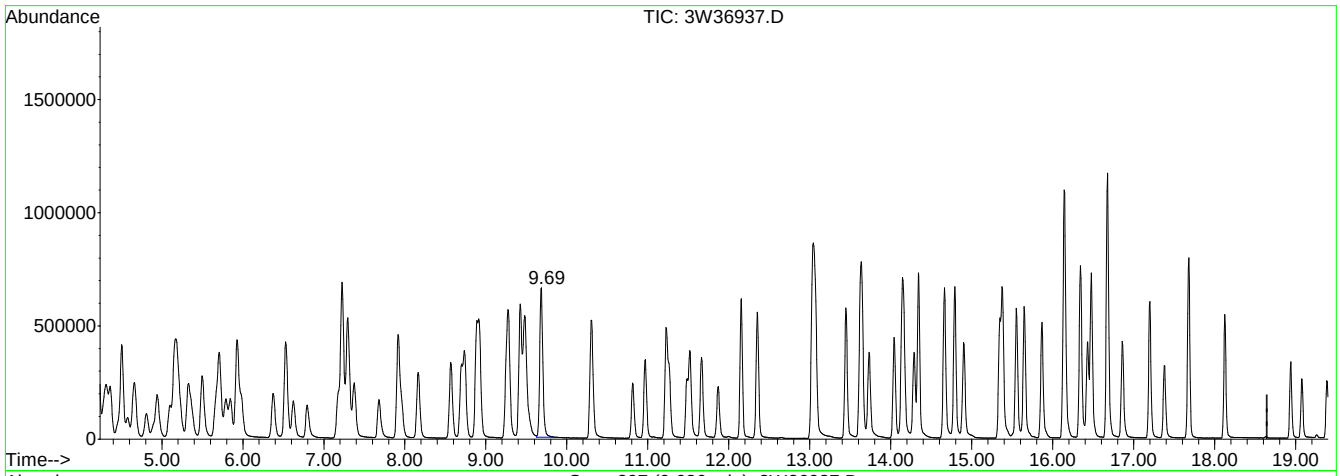
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	3.94#
0.00	3.40	3.41#
0.00	0.00	0.00

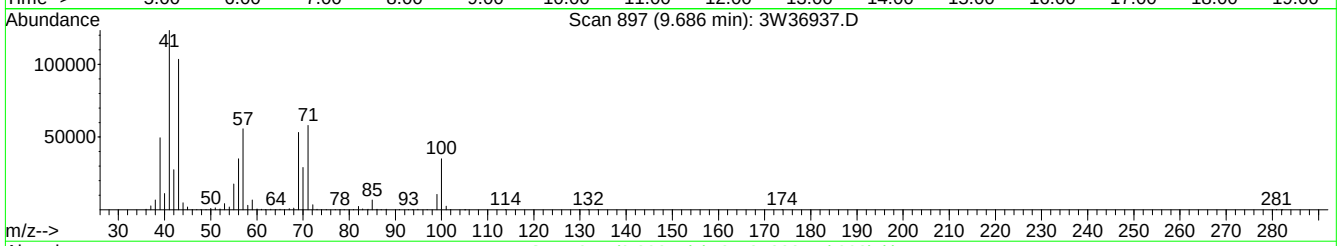
3W36937.D M3W1416.M Thu Nov 07 12:58:24 2013 MS3W

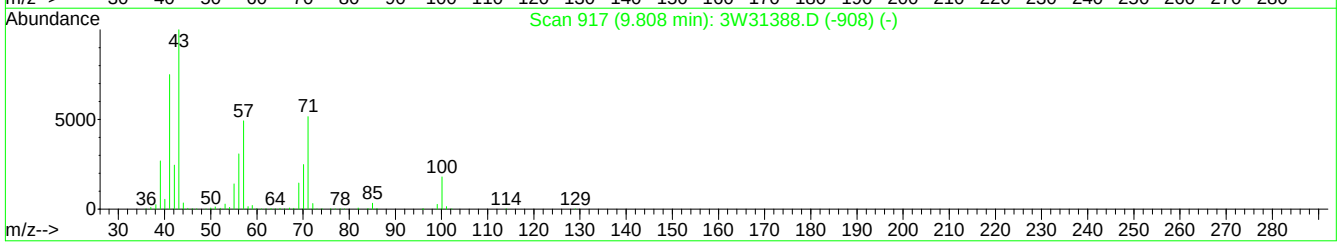
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36937.D Vial: 1
Acq On : 7 Nov 2013 12:38 am Operator: YOUMINH
Sample : ICC1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36937.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 9.99PPBV m

response 1767855

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.88#
0.00	1.60	1.63#
0.00	0.00	0.00

3W36937.D M3W1416.M Fri Nov 08 11:39:53 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36938.D Vial: 1
Acq On : 7 Nov 2013 1:16 am Operator: YOUMINH
Sample : IC1416-5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:24 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	100560	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	508531	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	244026	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	244026	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	284577	9.90	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.00%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	41390	5.20	PPBV	100
4) CHLORODIFLUOROMETHANE	4.30	67	14497	5.22	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	154148	5.43	PPBV	99
6) PROPYLENE	4.32	41	59784	5.34	PPBV	99
7) FREON 114	4.50	85	165221	5.32	PPBV	99
8) CHLOROMETHANE	4.46	50	74897	5.19	PPBV	97
9) VINYL CHLORIDE	4.58	62	73196	5.28	PPBV	99
10) 1,3-BUTADIENE	4.64	54	52428	5.16	PPBV	98
11) n-BUTANE	4.67	43	110166	5.29	PPBV	99
12) BROMOMETHANE	4.81	94	64047	5.24	PPBV	100
13) CHLOROETHANE	4.89	64	38124	5.28	PPBV	98
14) DICHLOROFLUOROMETHANE	4.93	67	142014	5.17	PPBV	99
15) ACETONITRILE	5.12	41	49061	5.18	PPBV	98
16) FREON 123	5.15	83	153957	5.21	PPBV	100
17) FREON 123A	5.18	117	87101	5.13	PPBV	98
18) TRICHLOROFLUOROMETHANE	5.32	101	148523	5.30	PPBV	99
19) ISOPROPYL ALCOHOL	5.37	45	123012	5.14	PPBV	99
20) ACETONE	5.23	58	32140	5.19	PPBV	99
21) PENTANE	5.49	42	71826	5.30	PPBV	100
22) TVHC as EQUIV PENTANE	5.49	TIC	403962m	5.14	PPBV	
23) IODOMETHANE	5.66	142	166437	5.22	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.71	96	64169	5.22	PPBV	99
25) CARBON DISULFIDE	5.98	76	189825	5.31	PPBV	99
26) ETHANOL	4.97	45	25800	4.91	PPBV	97
27) BROMOETHENE	5.09	106	64942	5.22	PPBV	99
28) ACRYLONITRILE	5.51	52	40112	5.02	PPBV	96
29) METHYLENE CHLORIDE	5.79	84	57225	5.06	PPBV	96
30) 3-CHLOROPROPENE	5.84	76	28884	5.08	PPBV	98
31) FREON 113	5.93	151	105666	5.18	PPBV	98
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	61536	5.05	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.72	59	148269	5.25	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	181675	5.18	PPBV	100
35) TETRAHYDROFURAN	7.68	72	33043	5.13	PPBV	98
36) HEXANE	7.22	57	104463	5.05	PPBV	98
37) VINYL ACETATE	6.62	86	13875	5.00	PPBV	97
38) 1,1-DICHLOROETHANE	6.52	63	120594	5.09	PPBV	99
39) METHYL ETHYL KETONE	6.80	72	31542	4.97	PPBV	96
40) cis-1,2-DICHLOROETHYLENE	7.17	96	65196	5.06	PPBV	99
41) DIISOPROPYL ETHER	7.23	45	259113	5.23	PPBV	94
42) ETHYL ACETATE	7.30	61	24850	5.04	PPBV	95
43) METHYL ACRYLATE	7.31	55	110974	4.97	PPBV	99
44) CHLOROFORM	7.37	83	127298	5.07	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.92	57	133797	5.19	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	128218	5.15	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	126094	5.14	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	72295	4.97	PPBV	100
50) BENZENE	8.57	78	203193	5.04	PPBV	100
51) CYCLOHEXANE	8.74	84	106533	5.13	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W36938.D M3W1416.M Fri Nov 08 12:08:11 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36938.D Vial: 1
Acq On : 7 Nov 2013 1:16 am Operator: YOUMINH
Sample : IC1416-5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:24 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

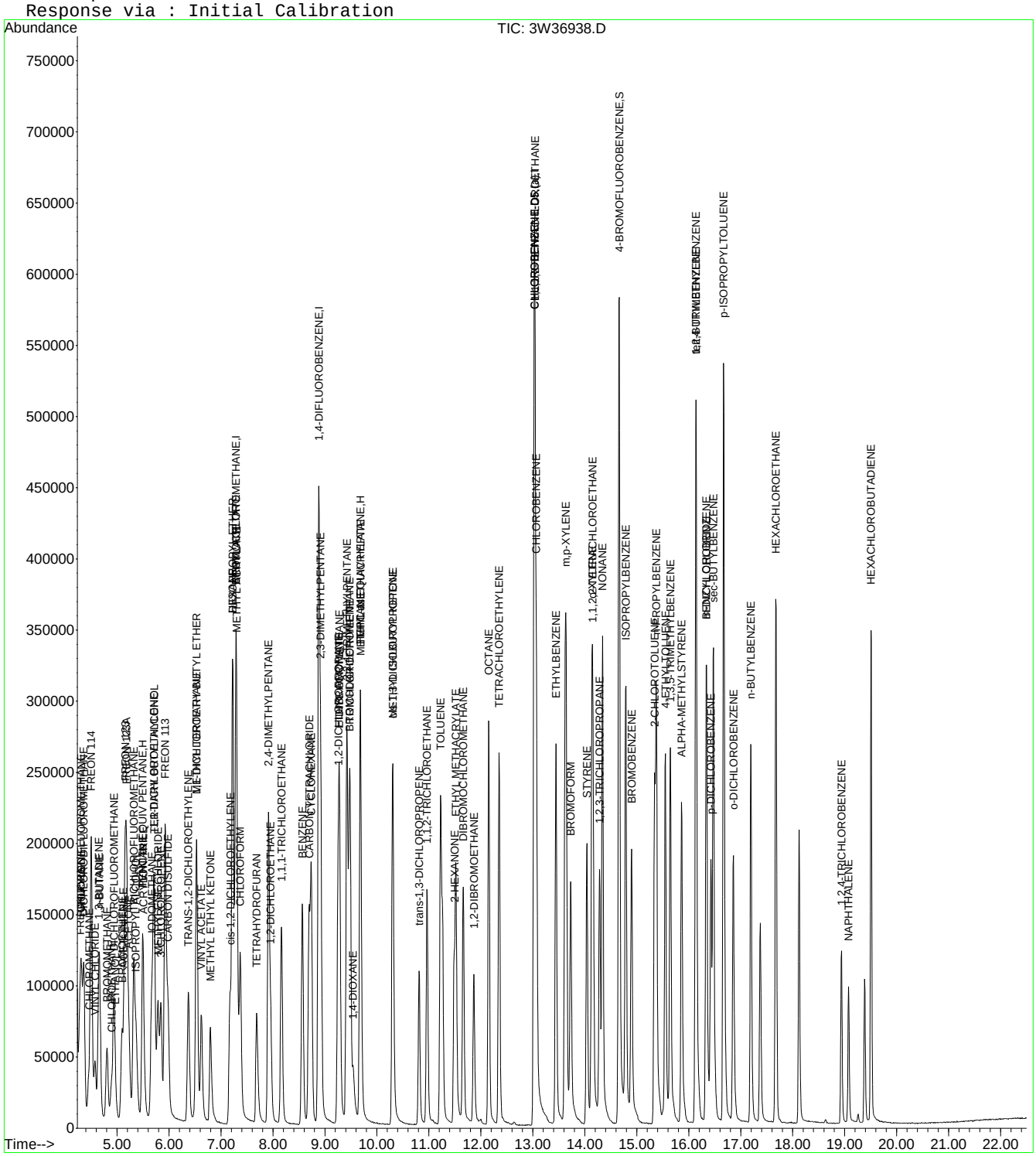
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.92	71	47984	5.15	PPBV	97
53)	TRICHLOROETHYLENE	9.49	95	77857	4.96	PPBV	99
54)	1,2-DICHLOROPROPANE	9.25	63	80799	5.06	PPBV	99
55)	DIBROMOMETHANE	9.28	174	75102	4.95	PPBV	99
56)	ETHYL ACRYLATE	9.28	55	143653	4.91	PPBV	100
57)	BROMODICHLOROMETHANE	9.47	83	132274	5.03	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	338485	5.06	PPBV	100
59)	1,4-DIOXANE	9.54	88	43634	5.05	PPBV	97
60)	HEPTANE	9.68	43	128377	5.04	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.68	TIC	827541m	5.02	PPBV	
62)	METHYL METHACRYLATE	9.69	69	72172	5.04	PPBV	99
63)	METHYL ISOBUTYL KETONE	10.30	58	59132	4.99	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	108424	4.96	PPBV	100
65)	TOLUENE	11.23	92	134894	5.05	PPBV	98
66)	trans-1,3-DICHLOROPROPENE	10.81	75	85910	4.80	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.96	83	69181	5.15	PPBV	99
69)	2-HEXANONE	11.49	58	77482	4.98	PPBV	99
70)	ETHYL METHACRYLATE	11.52	69	118238	5.05	PPBV	95
71)	TETRACHLOROETHYLENE	12.35	164	85989	5.06	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.66	129	128358	5.09	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	104036	4.96	PPBV	100
74)	OCTANE	12.15	43	173802	5.16	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.05	131	96201	5.16	PPBV	99
76)	CHLOROBENZENE	13.07	112	155045	4.95	PPBV	98
77)	ETHYLBENZENE	13.45	91	275326	5.11	PPBV	99
78)	m,p-XYLENE	13.63	106	202426	10.11	PPBV	98
79)	o-XYLENE	14.14	106	100114	5.13	PPBV	100
80)	STYRENE	14.04	104	142098	4.92	PPBV	99
81)	NONANE	14.34	43	170071	5.16	PPBV	98
82)	BROMOFORM	13.73	173	117808	4.93	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	157132	5.15	PPBV	99
85)	1,2,3-TRICHLOROPROPANE	14.29	75	113937	5.06	PPBV	100
86)	ISOPROPYLBENZENE	14.79	105	294166	5.11	PPBV	100
87)	BROMOBENZENE	14.90	77	128511	5.02	PPBV	100
88)	2-CHLOROTOLUENE	15.34	126	68172	5.02	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	73143	5.02	PPBV	98
90)	4-ETHYLTOLUENE	15.55	105	240710	5.03	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	215112	5.03	PPBV	100
92)	ALPHA-METHYLSTYRENE	15.86	118	102412	4.92	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	49902	5.02	PPBV	97
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	200415	5.00	PPBV	98
95)	m-DICHLOROBENZENE	16.34	146	120532	4.89	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	153175	4.75	PPBV	100
97)	p-DICHLOROBENZENE	16.43	146	115943	4.83	PPBV	99
98)	sec-BUTYLBENZENE	16.48	134	59444	5.01	PPBV	97
99)	p-ISOPROPYLTOLUENE	16.67	134	62299	4.92	PPBV	95
100)	o-DICHLOROBENZENE	16.86	146	116861	4.96	PPBV	99
101)	n-BUTYLBENZENE	17.19	134	52243	4.93	PPBV	100
102)	HEXACHLOROETHANE	17.67	117	93936	5.09	PPBV	100
103)	HEXACHLOROBUTADIENE	19.51	225	84911	4.88	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.94	180	53429	4.13	PPBV	99
106)	NAPHTHALENE	19.07	128	95922	4.04	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36938.D M3W1416.M Fri Nov 08 12:08:11 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36938.D Vial: 1
Acq On : 7 Nov 2013 1:16 am Operator: YOUMINH
Sample : IC1416-5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: M3W1416.RES

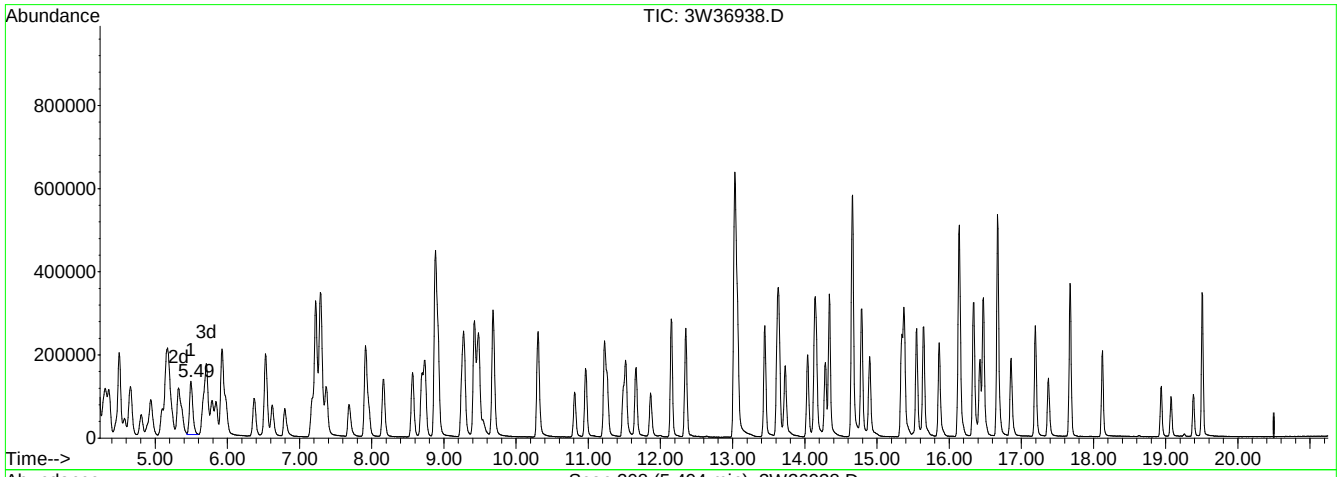
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

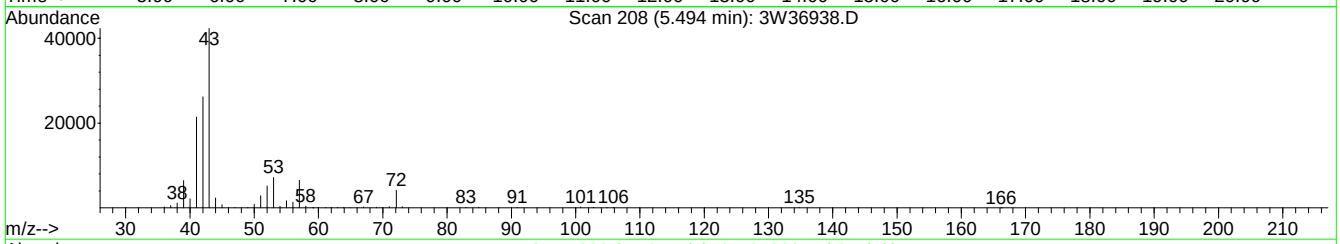


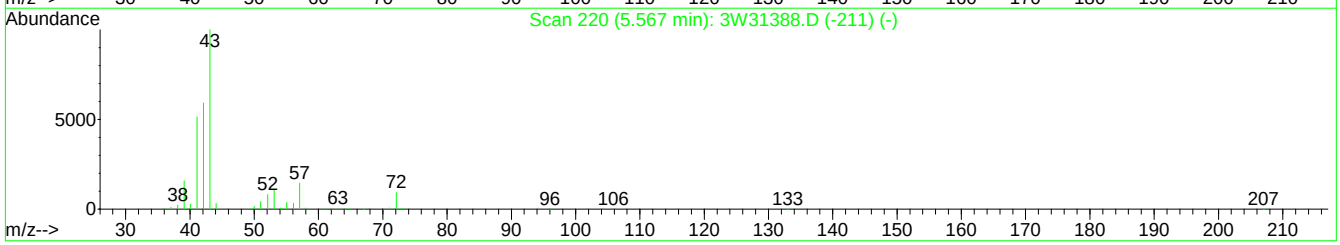
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36938.D Vial: 1
Acq On : 7 Nov 2013 1:16 am Operator: YOUMINH
Sample : IC1416-5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36938.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 5.14PPBV m

response 403962

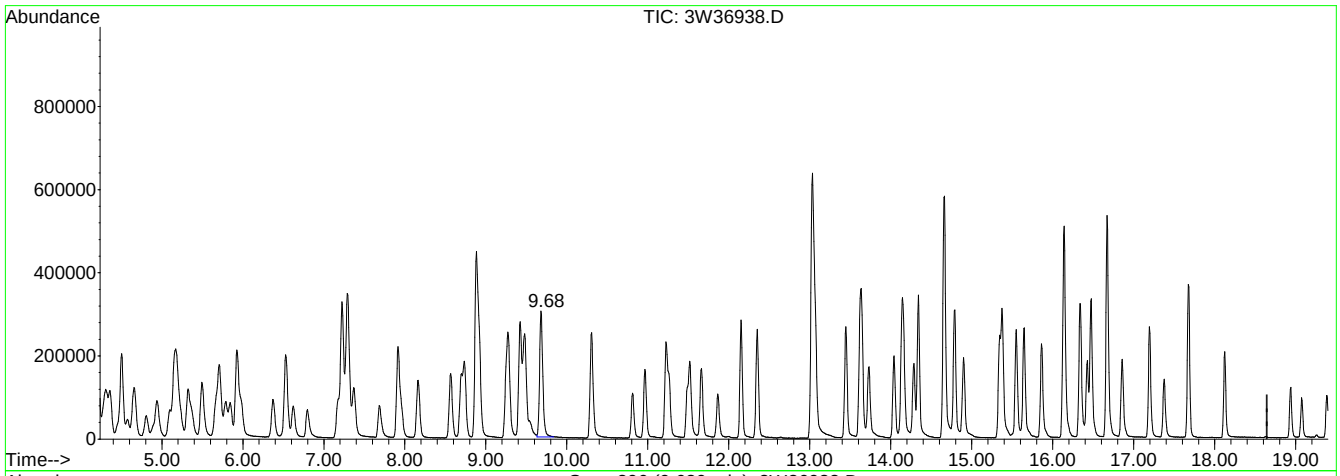
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	2.94#
0.00	3.40	2.54#
0.00	0.00	0.00

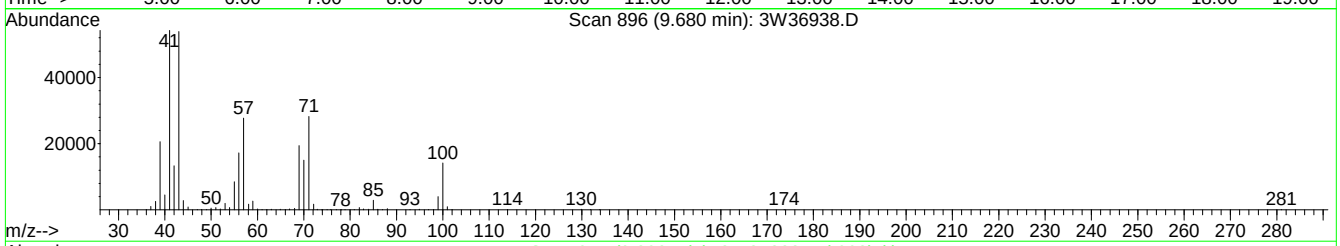
3W36938.D M3W1416.M Thu Nov 07 12:58:38 2013 MS3W

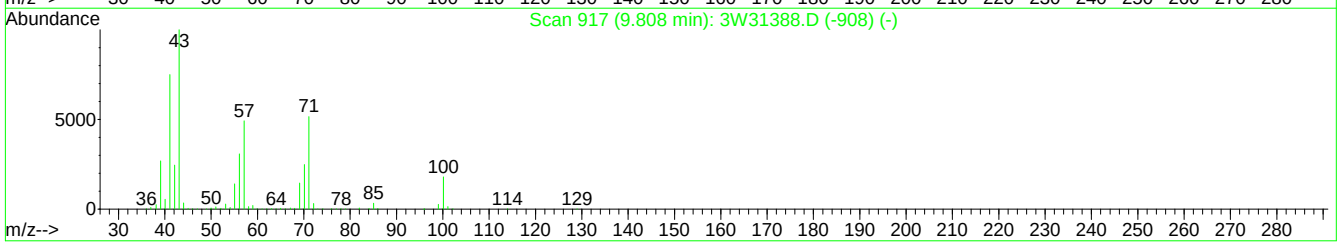
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36938.D Vial: 1
Acq On : 7 Nov 2013 1:16 am Operator: YOUMINH
Sample : IC1416-5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:00 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36938.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 5.02PPBV m

response 827541

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.44#
0.00	1.60	1.24#
0.00	0.00	0.00

3W36938.D M3W1416.M Fri Nov 08 11:40:00 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36940.D Vial: 3
Acq On : 7 Nov 2013 2:38 am Operator: YOUMINH
Sample : IC1416-0.1 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:26 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	101958	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	510611	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	221279	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	220493	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	226641	8.70	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 87.00%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	919	0.11	PPBV #	48
7) FREON 114	4.50	85	3760	0.12	PPBV	96
9) VINYL CHLORIDE	4.58	62	1634	0.12	PPBV #	95
10) 1,3-BUTADIENE	4.65	54	1134	0.11	PPBV #	52
12) BROMOMETHANE	4.80	94	1375	0.11	PPBV	97
13) CHLOROETHANE	4.89	64	820	0.11	PPBV #	35
14) DICHLOROFLUOROMETHANE	4.94	67	3317	0.12	PPBV #	91
16) FREON 123	5.16	83	3372	0.11	PPBV	98
17) FREON 123A	5.18	117	1797	0.10	PPBV #	77
18) TRICHLOROFLUOROMETHANE	5.32	101	3251	0.11	PPBV	99
22) TVHC as EQUIV PENTANE	5.49	TIC	6020m	0.08	PPBV	
23) IODOMETHANE	5.66	142	3394	0.10	PPBV	97
24) 1,1-DICHLOROETHYLENE	5.71	96	1521	0.12	PPBV	91
25) CARBON DISULFIDE	5.98	76	4348	0.12	PPBV #	71
27) BROMOETHENE	5.09	106	1381	0.11	PPBV	94
30) 3-CHLOROPROPENE	5.85	76	660	0.11	PPBV	95
31) FREON 113	5.93	151	2427	0.12	PPBV	92
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	1330	0.11	PPBV	87
33) TERTIARY BUTYL ALCOHOL	5.77	59	3185	0.11	PPBV #	75
34) METHYL TERTIARY BUTYL ETHE	6.57	73	4299	0.12	PPBV	92
35) TETRAHYDROFURAN	7.74	72	496	0.08	PPBV #	1
36) HEXANE	7.22	57	2516	0.12	PPBV	87
38) 1,1-DICHLOROETHANE	6.53	63	2617	0.11	PPBV	94
39) METHYL ETHYL KETONE	6.85	72	554	0.09	PPBV #	67
40) cis-1,2-DICHLOROETHYLENE	7.17	96	1246	0.10	PPBV	96
42) ETHYL ACETATE	7.32	61	429	0.09	PPBV #	31
43) METHYL ACRYLATE	7.34	55	2509	0.11	PPBV #	69
44) CHLOROFORM	7.37	83	2581	0.10	PPBV #	71
45) 2,4-DIMETHYLPENTANE	7.92	57	3013	0.12	PPBV	95
46) 1,1,1-TRICHLOROETHANE	8.17	97	2762	0.11	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	2585	0.10	PPBV	98
48) 1,2-DICHLOROETHANE	7.96	62	1460	0.10	PPBV #	93
50) BENZENE	8.57	78	4256	0.11	PPBV	95
51) CYCLOHEXANE	8.73	84	2190	0.11	PPBV	89
53) TRICHLOROETHYLENE	9.50	95	1695	0.11	PPBV	92
54) 1,2-DICHLOROPROPANE	9.25	63	1880	0.12	PPBV	86
55) DIBROMOMETHANE	9.28	174	1297	0.09	PPBV #	79
56) ETHYL ACRYLATE	9.33	55	2577	0.09	PPBV #	85
57) BROMODICHLOROMETHANE	9.47	83	2704	0.10	PPBV	100
58) 2,2,4-TRIMETHYLPENTANE	9.42	57	8279	0.12	PPBV	97
60) HEPTANE	9.67	43	3037	0.12	PPBV	88
61) TVHC as EQUIV HEPTANE	9.67	TIC	17517m	0.11	PPBV	
62) METHYL METHACRYLATE	9.71	69	1378	0.10	PPBV #	1
63) METHYL ISOBUTYL KETONE	10.35	58	911	0.08	PPBV #	82
64) cis-1,3-DICHLOROPROPENE	10.31	75	2293	0.10	PPBV	97
65) TOLUENE	11.23	92	2545	0.09	PPBV	93
66) trans-1,3-DICHLOROPROPENE	10.81	75	1759	0.10	PPBV	88
67) 1,1,2-TRICHLOROETHANE	10.97	83	1248	0.09	PPBV	90

(#) = qualifier out of range (m) = manual integration
3W36940.D M3W1416.M Fri Nov 08 12:08:13 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36940.D Vial: 3
Acq On : 7 Nov 2013 2:38 am Operator: YOUMINH
Sample : IC1416-0.1 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:26 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

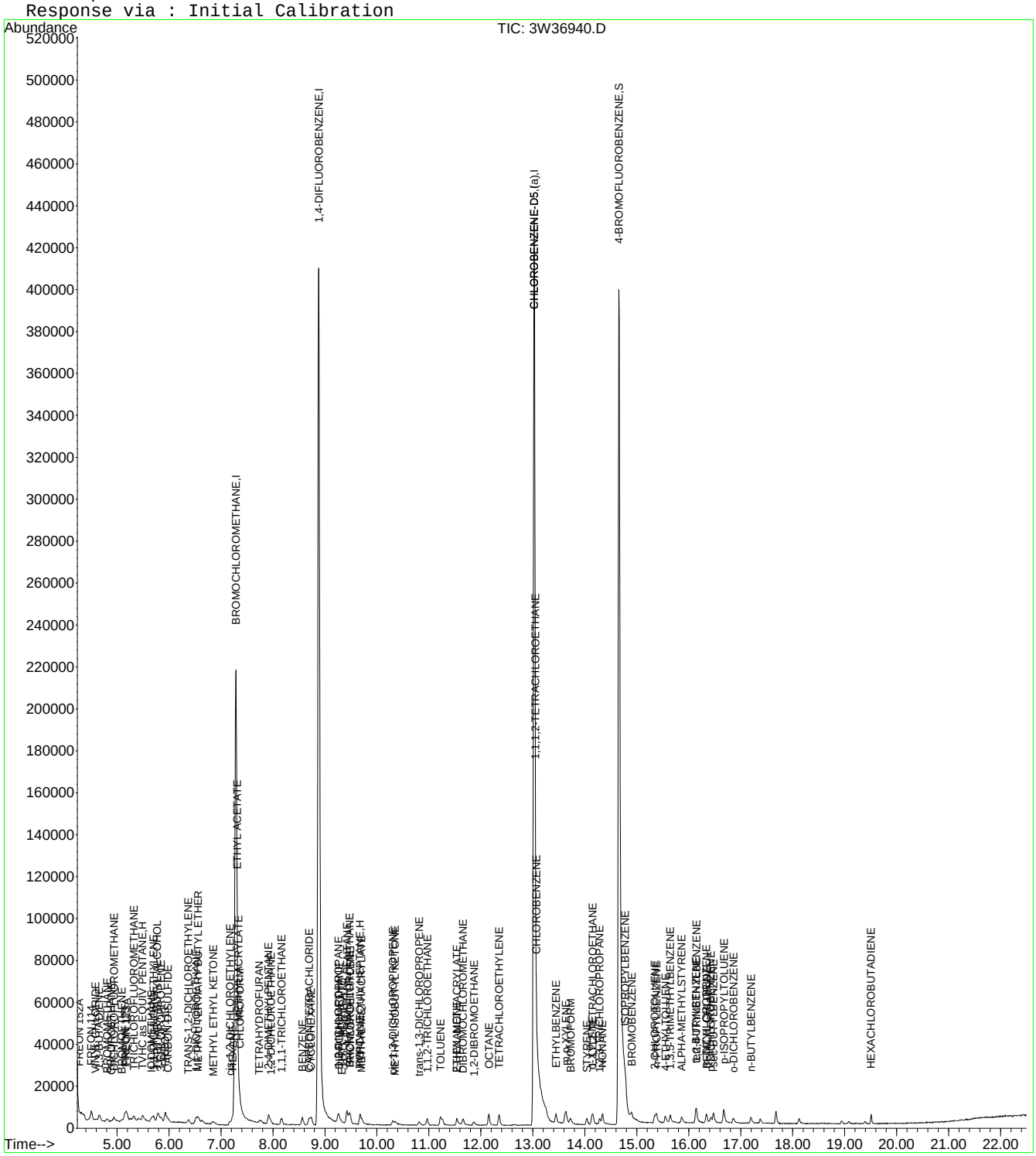
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
69)	2-HEXANONE	11.53	58	1125	0.08	PPBV	#	88
70)	ETHYL METHACRYLATE	11.54	69	1844	0.09	PPBV	#	44
71)	TETRACHLOROETHYLENE	12.35	164	1779	0.12	PPBV		95
72)	DIBROMOCHLOROMETHANE	11.66	129	2352	0.10	PPBV		96
73)	1,2-DIBROMOETHANE	11.86	107	1829	0.10	PPBV	#	96
74)	OCTANE	12.15	43	3366	0.11	PPBV		97
75)	1,1,1,2-TETRACHLOROETHANE	13.06	131	1668	0.10	PPBV		95
76)	CHLOROBENZENE	13.07	112	2886	0.10	PPBV	#	39
77)	ETHYLBENZENE	13.45	91	5109	0.10	PPBV		98
78)	m,p-XYLENE	13.63	106	3762	0.21	PPBV		95
79)	o-XYLENE	14.13	106	1605	0.09	PPBV	#	77
80)	STYRENE	14.04	104	2281	0.09	PPBV		90
81)	NONANE	14.35	43	3317	0.11	PPBV	#	92
82)	BROMOFORM	13.73	173	2067	0.10	PPBV		90
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	2879	0.10	PPBV		93
85)	1,2,3-TRICHLOROPROPANE	14.29	75	2244	0.11	PPBV		89
86)	ISOPROPYLBENZENE	14.78	105	5280	0.10	PPBV		92
87)	BROMOBENZENE	14.90	77	2614	0.11	PPBV	#	83
88)	2-CHLOROTOLUENE	15.34	126	1098	0.09	PPBV		98
89)	n-PROPYLBENZENE	15.38	120	1031	0.08	PPBV		92
90)	4-ETHYLTOLUENE	15.54	105	3408	0.08	PPBV		96
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	3491	0.09	PPBV		92
92)	ALPHA-METHYLSTYRENE	15.85	118	1473	0.08	PPBV		87
93)	tert-BUTYLBENZENE	16.13	134	798	0.09	PPBV	#	75
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	3320	0.09	PPBV		90
95)	m-DICHLOROBENZENE	16.34	146	1894	0.08	PPBV		97
96)	BENZYL CHLORIDE	16.35	91	2625	0.09	PPBV		87
97)	p-DICHLOROBENZENE	16.43	146	1926	0.09	PPBV		95
98)	sec-BUTYLBENZENE	16.48	134	919	0.09	PPBV	#	83
99)	p-ISOPROPYLTOLUENE	16.67	134	872	0.08	PPBV	#	68
100)	o-DICHLOROBENZENE	16.86	146	1904	0.09	PPBV		99
101)	n-BUTYLBENZENE	17.20	134	653	0.07	PPBV	#	76
103)	HEXACHLOROBUTADIENE	19.50	225	1059	0.07	PPBV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36940.D M3W1416.M Fri Nov 08 12:08:13 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36940.D Vial: 3
Acq On : 7 Nov 2013 2:38 am Operator: YOUMINH
Sample : IC1416-0.1 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:05 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

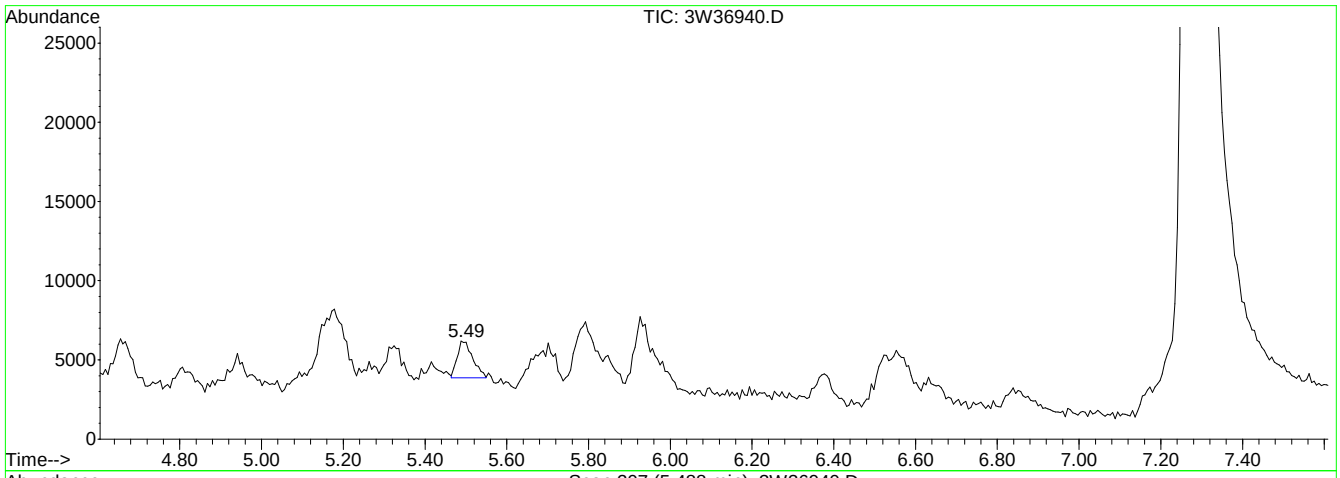


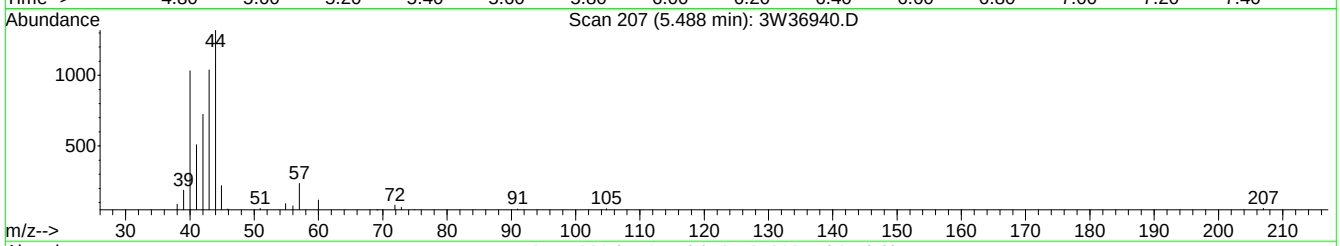
ACCUTEST LABORATORIES JB58146

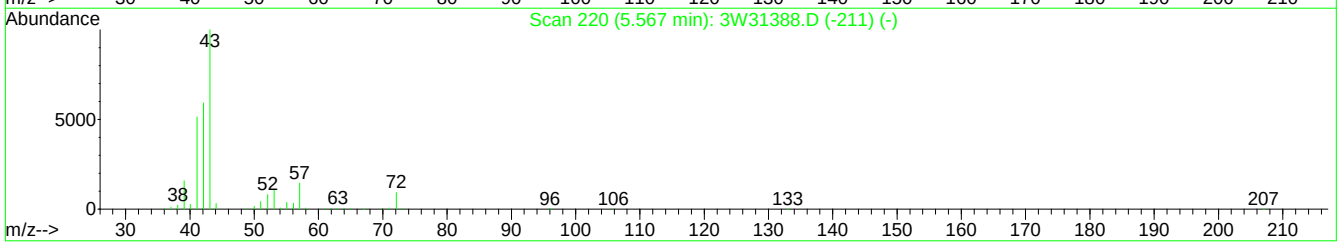
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36940.D Vial: 3
Acq On : 7 Nov 2013 2:38 am Operator: YOUMINH
Sample : IC1416-0.1 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:05 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36940.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.08PPBV m

response 6020

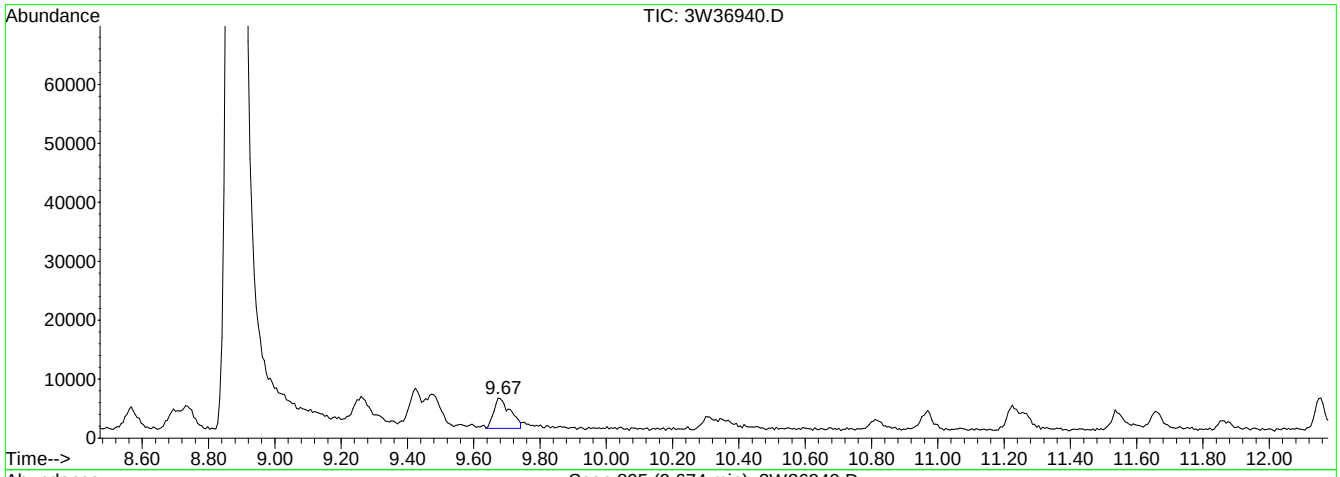
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	0.00
0.00	3.40	0.00
0.00	0.00	0.00

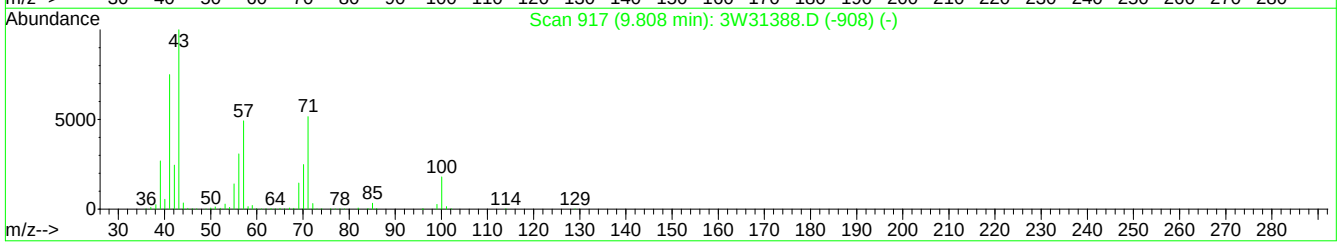
3W36940.D M3W1416.M Fri Nov 08 11:39:28 2013 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36940.D Vial: 3
Acq On : 7 Nov 2013 2:38 am Operator: YOUMINH
Sample : IC1416-0.1 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:05 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration





TIC: 3W36940.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 0.11PPBV m

response 17517

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	0.85#
0.00	1.60	0.00
0.00	0.00	0.00

3W36940.D M3W1416.M Fri Nov 08 11:40:10 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36941.D Vial: 3
Acq On : 7 Nov 2013 3:16 am Operator: YOUMINH
Sample : IC1416-0.04 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:28 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	103696	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	515997	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	226042	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	226042	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	236903	8.90	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 89.00%			
Target Compounds						Qvalue
3) FREON 152A	4.30	65	413	0.05	PPBV #	48
5) DICHLORODIFLUOROMETHANE	4.36	85	1431	0.05	PPBV #	90
7) FREON 114	4.51	85	1388	0.04	PPBV	93
9) VINYL CHLORIDE	4.57	62	539	0.04	PPBV #	50
10) 1,3-BUTADIENE	4.65	54	556	0.05	PPBV #	84
12) BROMOMETHANE	4.81	94	617	0.05	PPBV #	78
13) CHLOROETHANE	4.88	64	289	0.04	PPBV #	35
14) DICHLOROFLUOROMETHANE	4.94	67	1410	0.05	PPBV #	88
16) FREON 123	5.17	83	1312	0.04	PPBV	96
17) FREON 123A	5.18	117	671	0.04	PPBV #	64
18) TRICHLOROFLUOROMETHANE	5.33	101	1279	0.04	PPBV	93
23) IODOMETHANE	5.66	142	1390	0.04	PPBV	93
24) 1,1-DICHLOROETHYLENE	5.71	96	609	0.05	PPBV	84
25) CARBON DISULFIDE	5.99	76	1894	0.05	PPBV #	81
27) BROMOETHENE	5.09	106	484	0.04	PPBV #	89
31) FREON 113	5.94	151	815	0.04	PPBV	92
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	473	0.04	PPBV	93
33) TERTIARY BUTYL ALCOHOL	5.80	59	1203	0.04	PPBV #	80
34) METHYL TERTIARY BUTYL ETHE	6.57	73	1592	0.04	PPBV #	72
36) HEXANE	7.22	57	1133	0.05	PPBV #	33
38) 1,1-DICHLOROETHANE	6.53	63	1088	0.04	PPBV #	86
40) cis-1,2-DICHLOROETHYLENE	7.19	96	554	0.04	PPBV	94
41) DIISOPROPYL ETHER	7.26	45	2188	0.04	PPBV	87
44) CHLOROFORM	7.36	83	1046	0.04	PPBV #	83
45) 2,4-DIMETHYLPENTANE	7.92	57	1238	0.05	PPBV	95
46) 1,1,1-TRICHLOROETHANE	8.17	97	1028	0.04	PPBV	99
47) CARBON TETRACHLORIDE	8.71	117	1023	0.04	PPBV	95
48) 1,2-DICHLOROETHANE	7.96	62	492	0.03	PPBV #	82
50) BENZENE	8.57	78	1772	0.04	PPBV	96
51) CYCLOHEXANE	8.74	84	787	0.04	PPBV #	75
53) TRICHLOROETHYLENE	9.49	95	703	0.04	PPBV	88
55) DIBROMOMETHANE	9.27	174	520	0.03	PPBV #	78
56) ETHYL ACRYLATE	9.33	55	1355	0.05	PPBV #	66
57) BROMODICHLOROMETHANE	9.46	83	1103	0.04	PPBV	90
58) 2,2,4-TRIMETHYLPENTANE	9.42	57	3307	0.05	PPBV #	92
61) TVHC as EQUIV HEPTANE	9.69	TIC	6002m	0.04	PPBV	
62) METHYL METHACRYLATE	9.72	69	586	0.04	PPBV #	1
64) cis-1,3-DICHLOROPROPENE	10.32	75	867	0.04	PPBV	83
65) TOLUENE	11.23	92	946	0.03	PPBV	86
66) trans-1,3-DICHLOROPROPENE	10.82	75	676	0.04	PPBV	83
67) 1,1,2-TRICHLOROETHANE	10.96	83	425	0.03	PPBV	87
71) TETRACHLOROETHYLENE	12.36	164	631	0.04	PPBV	96
72) DIBROMOCHLOROMETHANE	11.66	129	891	0.04	PPBV	95
73) 1,2-DIBROMOETHANE	11.87	107	622	0.03	PPBV #	84
74) OCTANE	12.16	43	1473	0.05	PPBV	92
75) 1,1,1,2-TETRACHLOROETHANE	13.05	131	642	0.04	PPBV	93
76) CHLOROBENZENE	13.07	112	1014	0.03	PPBV #	22
77) ETHYLBENZENE	13.45	91	2096	0.04	PPBV	88

(#) = qualifier out of range (m) = manual integration
3W36941.D M3W1416.M Fri Nov 08 12:08:15 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36941.D Vial: 3
Acq On : 7 Nov 2013 3:16 am Operator: YOUMINH
Sample : IC1416-0.04 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:28 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

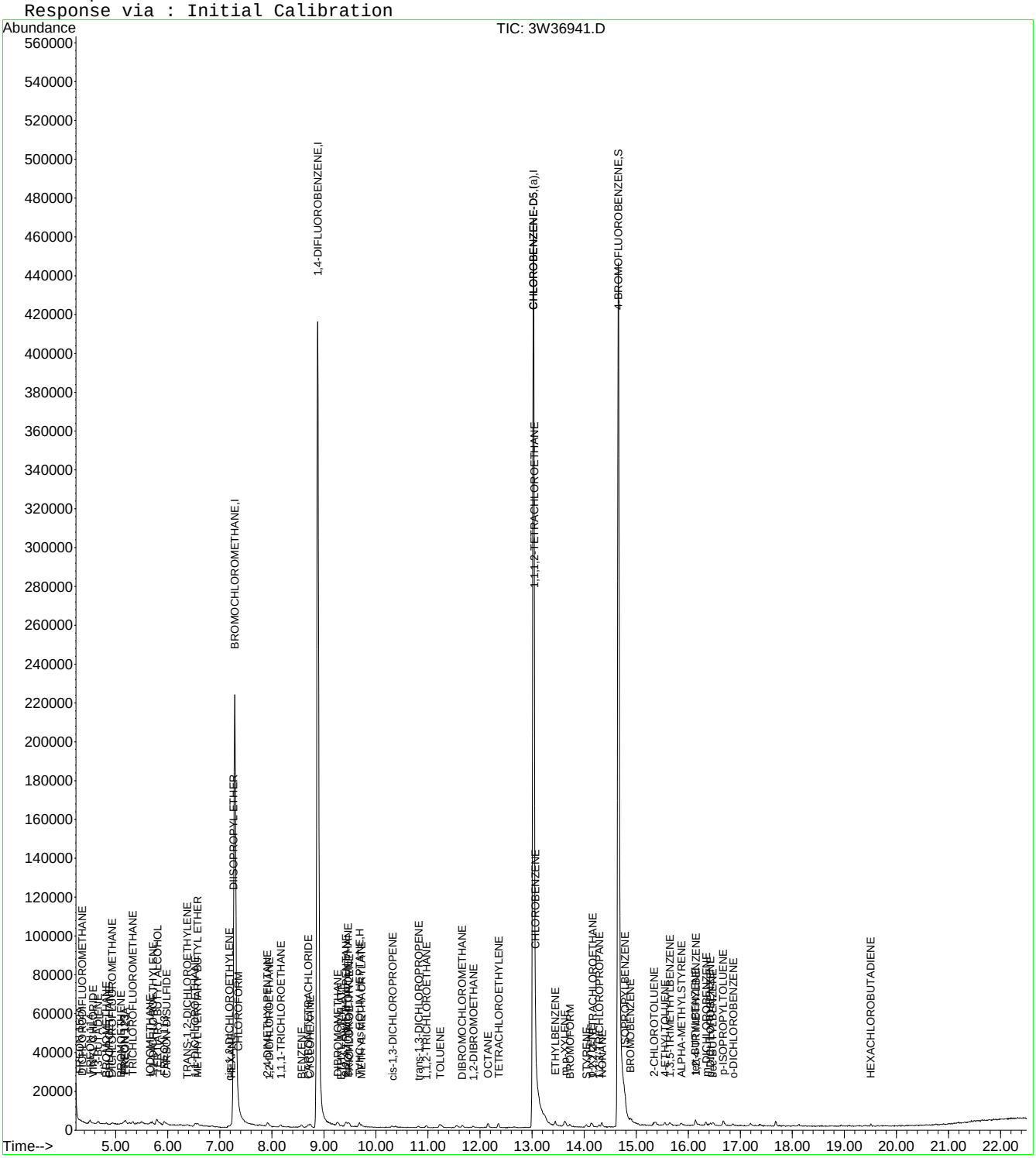
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	m,p-XYLENE	13.63	106	1280	0.07	PPBV		96
79)	o-XYLENE	14.14	106	611	0.03	PPBV	#	69
80)	STYRENE	14.04	104	870	0.03	PPBV		94
81)	NONANE	14.34	43	1476	0.05	PPBV	#	77
82)	BROMOFORM	13.72	173	726	0.03	PPBV	#	91
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	1106	0.04	PPBV	#	91
85)	1,2,3-TRICHLOROPROPANE	14.29	75	898	0.04	PPBV	#	63
86)	ISOPROPYLBENZENE	14.79	105	1925	0.04	PPBV		87
87)	BROMOBENZENE	14.89	77	1142	0.05	PPBV	#	74
88)	2-CHLOROTOLUENE	15.34	126	377	0.03	PPBV	#	42
90)	4-ETHYLTOLUENE	15.55	105	1484	0.03	PPBV		91
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	1529	0.04	PPBV		99
92)	ALPHA-METHYLSTYRENE	15.87	118	622	0.03	PPBV	#	78
93)	tert-BUTYLBENZENE	16.13	134	276	0.03	PPBV	#	14
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	1147	0.03	PPBV	#	66
95)	m-DICHLOROBENZENE	16.34	146	733	0.03	PPBV		95
97)	p-DICHLOROBENZENE	16.43	146	830	0.04	PPBV		92
98)	sec-BUTYLBENZENE	16.47	134	277	0.03	PPBV	#	26
99)	p-ISOPROPYLTOLUENE	16.68	134	321	0.03	PPBV	#	48
100)	o-DICHLOROBENZENE	16.86	146	621	0.03	PPBV		95
103)	HEXACHLOROBUTADIENE	19.51	225	445	0.03	PPBV		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36941.D M3W1416.M Fri Nov 08 12:08:15 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36941.D Vial: 3
Acq On : 7 Nov 2013 3:16 am Operator: YOUMINH
Sample : IC1416-0.04 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 11:41 2013 Quant Results File: M3W1416.RES

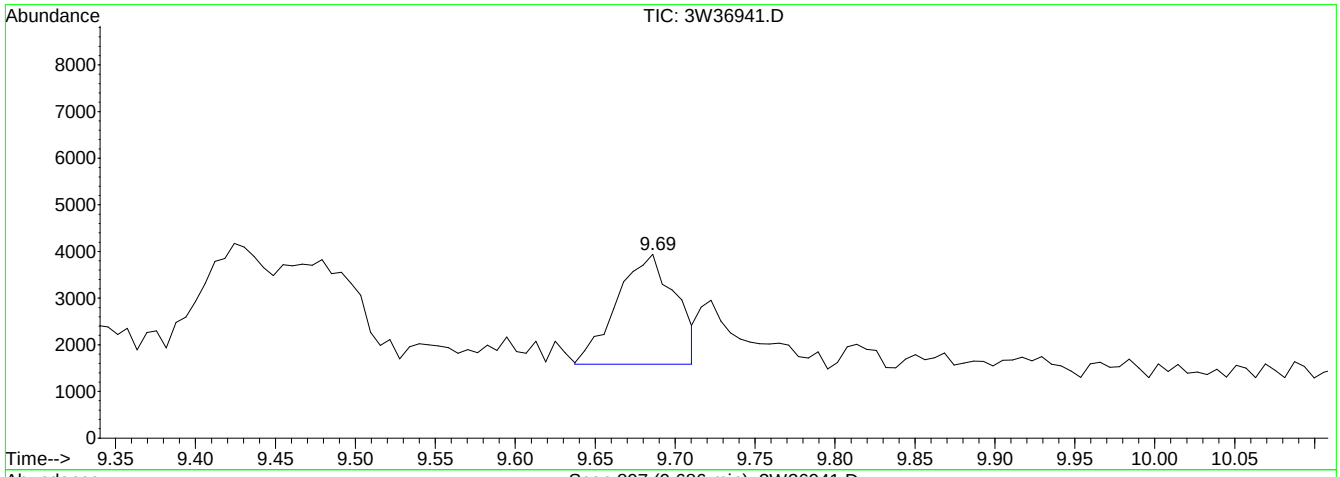
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36941.D Vial: 3
Acq On : 7 Nov 2013 3:16 am Operator: YOUMINH
Sample : IC1416-0.04 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 11:41 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36941.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 0.04PPBV m

response 6002

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	0.00
0.00	1.60	0.00
0.00	0.00	0.00

3W36941.D M3W1416.M Fri Nov 08 14:13:21 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36942.D Vial: 1
Acq On : 7 Nov 2013 3:57 am Operator: YOUMINH
Sample : IC1416-30 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:29 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.30	128	108831	10.00	PPBV	0.01
49) 1,4-DIFLUOROBENZENE	8.90	114	548404	10.00	PPBV	0.01
68) CHLOROBENZENE-D5	13.04	82	288538	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.04	82	287315	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.67	95	325511	9.58	PPBV	0.01
Spiked Amount 10.000	Range 65 - 128		Recovery = 95.80%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	273600	31.79	PPBV	98
4) CHLORODIFLUOROMETHANE	4.31	67	97977	32.57	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	962579	31.32	PPBV	99
6) PROPYLENE	4.33	41	376264	31.04	PPBV	100
7) FREON 114	4.50	85	1067435	31.75	PPBV	100
8) CHLOROMETHANE	4.46	50	500297	32.04	PPBV	99
9) VINYL CHLORIDE	4.58	62	475361	31.69	PPBV	99
10) 1,3-BUTADIENE	4.65	54	356677	32.43	PPBV	99
11) n-BUTANE	4.67	43	705983	31.31	PPBV	98
12) BROMOMETHANE	4.81	94	426309	32.22	PPBV	99
13) CHLOROETHANE	4.90	64	254436	32.53	PPBV	98
14) DICHLOROFLUOROMETHANE	4.94	67	945852	31.85	PPBV	99
15) ACETONITRILE	5.11	41	347367	33.91	PPBV	98
16) FREON 123	5.16	83	998938	31.24	PPBV	99
17) FREON 123A	5.19	117	582564	31.73	PPBV	99
18) TRICHLOROFLUOROMETHANE	5.32	101	968191	31.90	PPBV	100
19) ISOPROPYL ALCOHOL	5.38	45	858716	33.13	PPBV	99
20) ACETONE	5.23	58	220163	32.84	PPBV	100
21) PENTANE	5.49	42	464028	31.66	PPBV	100
22) TVHC as EQUIV PENTANE	5.50	TIC	2752831m	32.37	PPBV	
23) IODOMETHANE	5.67	142	1091466	31.61	PPBV	99
24) 1,1-DICHLOROETHYLENE	5.71	96	429337	32.29	PPBV	99
25) CARBON DISULFIDE	5.98	76	1254428	32.39	PPBV	99
26) ETHANOL	4.97	45	190375	33.45	PPBV	99
27) BROMOETHENE	5.10	106	430055	31.91	PPBV	99
28) ACRYLONITRILE	5.52	52	285100	32.98	PPBV	100
29) METHYLENE CHLORIDE	5.79	84	384746	31.44	PPBV	97
30) 3-CHLOROPROPENE	5.85	76	200085	32.55	PPBV	99
31) FREON 113	5.93	151	704067	31.91	PPBV	100
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	430879	32.65	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.73	59	1001754	32.78	PPBV	100
34) METHYL TERTIARY BUTYL ETHE	6.53	73	1180968	31.13	PPBV	100
35) TETRAHYDROFURAN	7.68	72	223782	32.11	PPBV	99
36) HEXANE	7.22	57	701372	31.36	PPBV	98
37) VINYL ACETATE	6.63	86	97858	32.60	PPBV	99
38) 1,1-DICHLOROETHANE	6.53	63	801823	31.27	PPBV	100
39) METHYL ETHYL KETONE	6.80	72	224303	32.62	PPBV	100
40) cis-1,2-DICHLOROETHYLENE	7.19	96	445909	31.95	PPBV	99
41) DIISOPROPYL ETHER	7.23	45	1653923	30.83	PPBV	99
42) ETHYL ACETATE	7.30	61	169186	31.68	PPBV	97
43) METHYL ACRYLATE	7.31	55	794332	32.89	PPBV	97
44) CHLOROFORM	7.38	83	851743	31.37	PPBV	100
45) 2,4-DIMETHYLPENTANE	7.92	57	870980	31.23	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	838821	31.13	PPBV	99
47) CARBON TETRACHLORIDE	8.70	117	827243	31.16	PPBV	99
48) 1,2-DICHLOROETHANE	7.96	62	503591	31.98	PPBV	99
50) BENZENE	8.57	78	1352780	31.10	PPBV	99
51) CYCLOHEXANE	8.74	84	703838	31.42	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W36942.D M3W1416.M Fri Nov 08 12:08:17 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36942.D Vial: 1
Acq On : 7 Nov 2013 3:57 am Operator: YOUMINH
Sample : IC1416-30 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:29 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

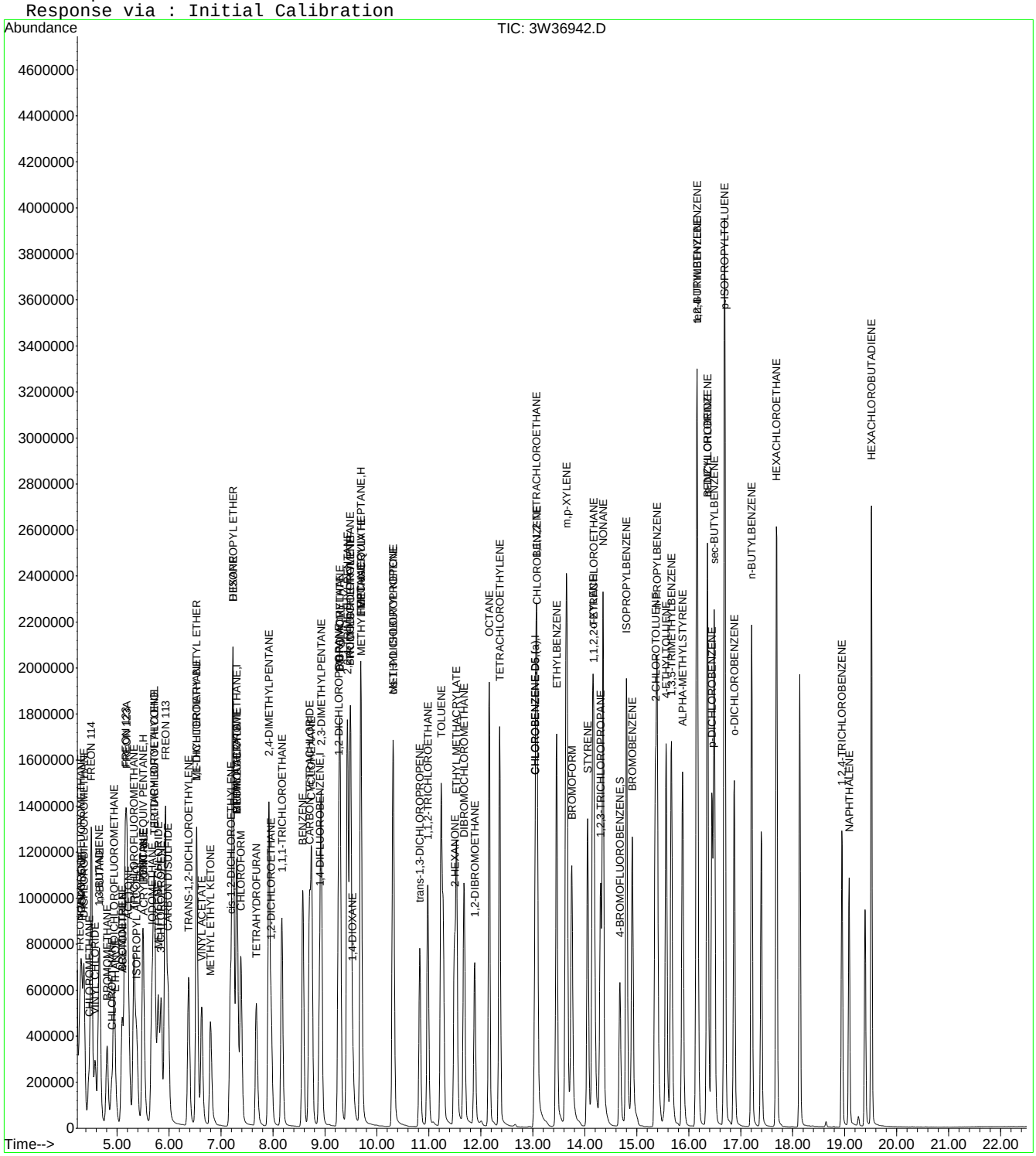
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	2,3-DIMETHYLPENTANE	8.93	71	321315	31.99	PPBV		93
53)	TRICHLOROETHYLENE	9.50	95	549343	32.48	PPBV		100
54)	1,2-DICHLOROPROPANE	9.26	63	543382	31.57	PPBV		99
55)	DIBROMOMETHANE	9.29	174	527727	32.24	PPBV		99
56)	ETHYL ACRYLATE	9.29	55	1013570	32.12	PPBV		99
57)	BROMODICHLOROMETHANE	9.48	83	893236	31.53	PPBV		99
58)	2,2,4-TRIMETHYLPENTANE	9.43	57	2216341	30.73	PPBV		100
59)	1,4-DIOXANE	9.53	88	309016	33.15	PPBV		99
60)	HEPTANE	9.69	43	847563	30.88	PPBV		98
61)	TVHC as EQUIV HEPTANE	9.69	TIC	5617228m	31.60	PPBV		
62)	METHYL METHACRYLATE	9.70	69	499582	32.33	PPBV		95
63)	METHYL ISOBUTYL KETONE	10.31	58	419779	32.86	PPBV		97
64)	cis-1,3-DICHLOROPROPENE	10.32	75	759411	32.19	PPBV		99
65)	TOLUENE	11.24	92	911856	31.67	PPBV		98
66)	trans-1,3-DICHLOROPROPENE	10.82	75	647257	33.50	PPBV		99
67)	1,1,2-TRICHLOROETHANE	10.98	83	462728	31.97	PPBV		100
69)	2-HEXANONE	11.49	58	578043	31.42	PPBV		97
70)	ETHYL METHACRYLATE	11.54	69	841239	30.37	PPBV		97
71)	TETRACHLOROETHYLENE	12.36	164	585859	29.13	PPBV		99
72)	DIBROMOCHLOROMETHANE	11.68	129	882728	29.59	PPBV		100
73)	1,2-DIBROMOETHANE	11.88	107	742531	29.96	PPBV		100
74)	OCTANE	12.16	43	1131317	28.40	PPBV		98
75)	1,1,1,2-TETRACHLOROETHANE	13.06	131	651367	29.58	PPBV		100
76)	CHLOROBENZENE	13.09	112	1084445	29.28	PPBV		99
77)	ETHYLBENZENE	13.46	91	1812649	28.46	PPBV		98
78)	m,p-XYLENE	13.65	106	1379260	58.25	PPBV		95
79)	o-XYLENE	14.15	106	685161	29.72	PPBV		97
80)	STYRENE	14.05	104	1014890	29.75	PPBV		99
81)	NONANE	14.35	43	1123421	28.80	PPBV		98
82)	BROMOFORM	13.75	173	848412	30.03	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.18	83	1066229	29.56	PPBV		99
85)	1,2,3-TRICHLOROPROPANE	14.30	75	798295	29.97	PPBV		99
86)	ISOPROPYLBENZENE	14.80	105	1953668	28.72	PPBV		98
87)	BROMOBENZENE	14.91	77	906538	29.95	PPBV		100
88)	2-CHLOROTOLUENE	15.36	126	482302	30.04	PPBV		100
89)	n-PROPYLBENZENE	15.39	120	523810	30.40	PPBV		100
90)	4-ETHYLTOLUENE	15.56	105	1701108	30.07	PPBV		98
91)	1,3,5-TRIMETHYLBENZENE	15.67	105	1495330	29.58	PPBV		98
92)	ALPHA-METHYLSTYRENE	15.88	118	764484	31.06	PPBV		100
93)	tert-BUTYLBENZENE	16.15	134	364736	31.01	PPBV	#	91
94)	1,2,4-TRIMETHYLBENZENE	16.16	105	1436696	30.32	PPBV		98
95)	m-DICHLOROBENZENE	16.35	146	931684	31.95	PPBV		99
96)	BENZYL CHLORIDE	16.37	91	1309689	34.37	PPBV		98
97)	p-DICHLOROBENZENE	16.44	146	915034	32.23	PPBV		98
98)	sec-BUTYLBENZENE	16.49	134	438699	31.29	PPBV	#	90
99)	p-ISOPROPYLTOLUENE	16.69	134	492438	32.88	PPBV	#	90
100)	o-DICHLOROBENZENE	16.88	146	904666	32.46	PPBV		100
101)	n-BUTYLBENZENE	17.21	134	429760	34.28	PPBV		92
102)	HEXACHLOROETHANE	17.69	117	686359	31.43	PPBV		99
103)	HEXACHLOROBUTADIENE	19.52	225	618695	30.10	PPBV		100
104)	1,2,4-TRICHLOROBENZENE	18.95	180	528525	34.57	PPBV		98
106)	NAPHTHALENE	19.09	128	1019380	36.44	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36942.D M3W1416.M Fri Nov 08 12:08:17 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36942.D Vial: 1
Acq On : 7 Nov 2013 3:57 am Operator: YOUMINH
Sample : IC1416-30 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:08 2013 Quant Results File: M3W1416.RES

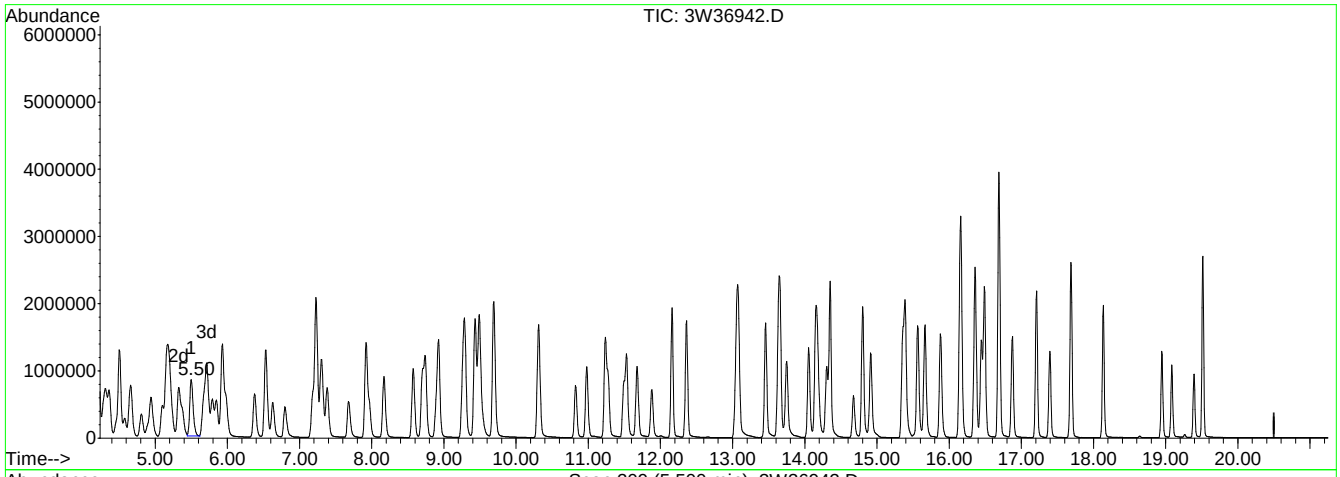
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

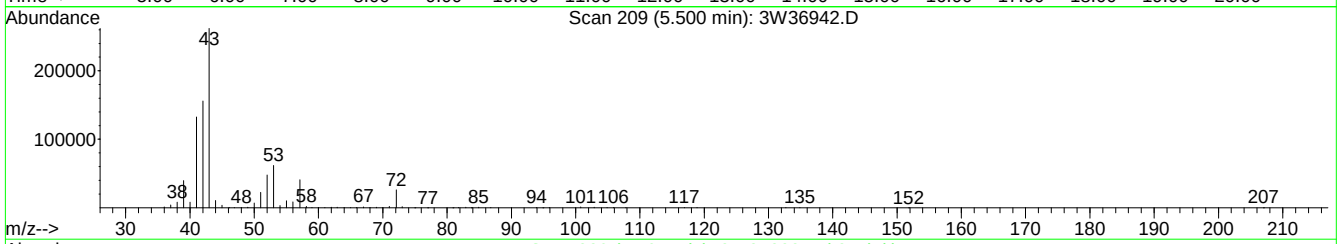


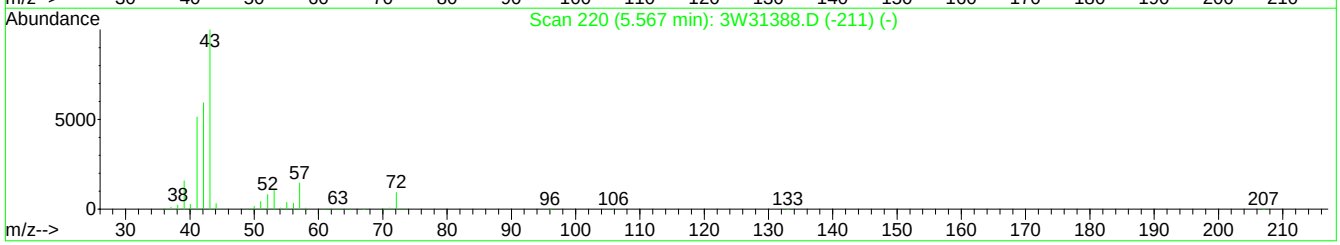
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36942.D Vial: 1
Acq On : 7 Nov 2013 3:57 am Operator: YOUMINH
Sample : IC1416-30 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:08 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36942.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 32.37PPBV m

response 2752831

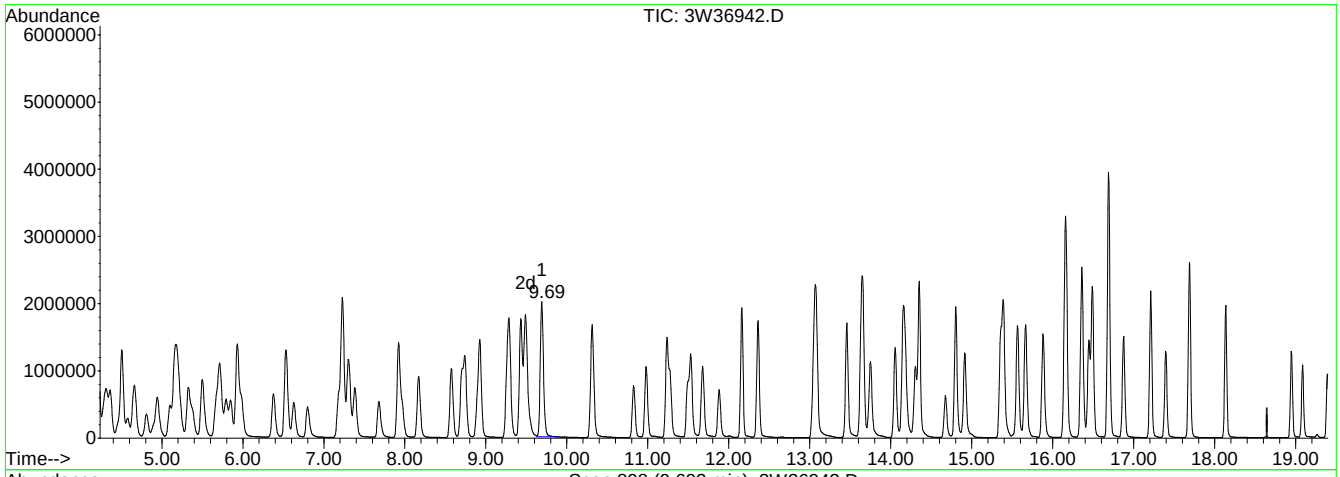
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	4.81#
0.00	3.40	4.21#
0.00	0.00	0.00

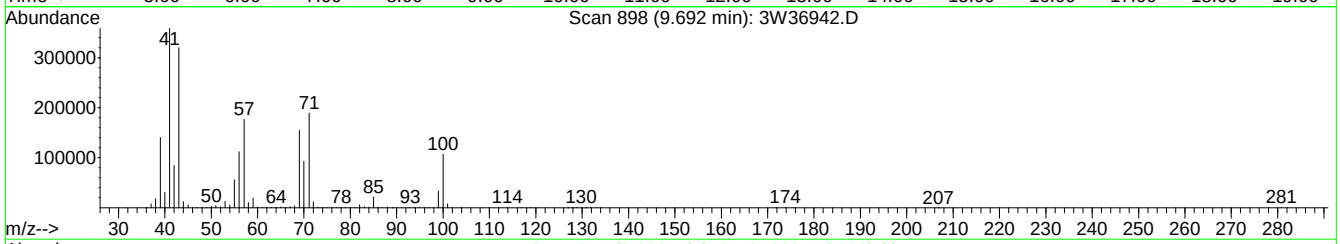
3W36942.D M3W1416.M Thu Nov 07 12:58:59 2013 MS3W

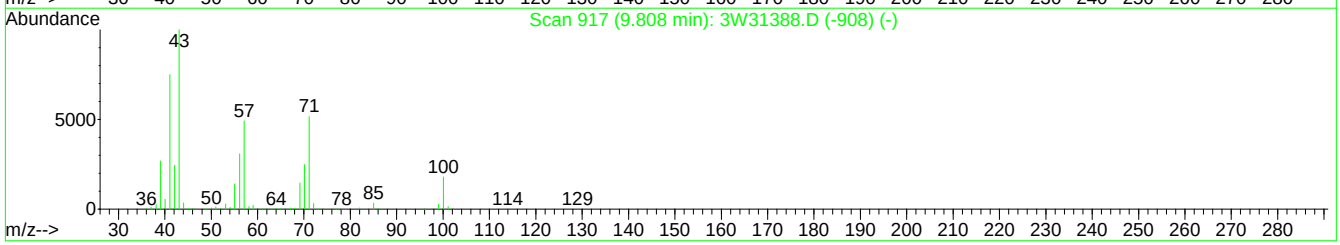
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36942.D Vial: 1
Acq On : 7 Nov 2013 3:57 am Operator: YOUMINH
Sample : IC1416-30 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:08 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36942.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 31.60PPBV m

response 5617228

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	2.36#
0.00	1.60	2.06#
0.00	0.00	0.00

3W36942.D M3W1416.M Fri Nov 08 11:40:25 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36944.D Vial: 1
Acq On : 7 Nov 2013 5:21 am Operator: YOUMINH
Sample : IC1416-40 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:31 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.30	128	114238	10.00	PPBV	0.01
49) 1,4-DIFLUOROBENZENE	8.89	114	574546	10.00	PPBV	0.01
68) CHLOROBENZENE-D5	13.04	82	306720	10.00	PPBV	0.01
105) CHLOROBENZENE-D5 (a)	13.04	82	306720	10.00	PPBV	0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.68	95	333729	9.24	PPBV	0.02
Spiked Amount 10.000	Range 65 - 128		Recovery = 92.40%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	374720	41.48	PPBV	98
4) CHLORODIFLUOROMETHANE	4.31	67	132530	41.97	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	1295591	40.16	PPBV	99
6) PROPYLENE	4.33	41	507160	39.86	PPBV	100
7) FREON 114	4.51	85	1425292	40.39	PPBV	99
8) CHLOROMETHANE	4.46	50	670184	40.88	PPBV	99
9) VINYL CHLORIDE	4.58	62	642970	40.83	PPBV	99
10) 1,3-BUTADIENE	4.65	54	488165	42.29	PPBV	98
11) n-BUTANE	4.67	43	949177	40.11	PPBV	98
12) BROMOMETHANE	4.81	94	574223	41.35	PPBV	100
13) CHLOROETHANE	4.90	64	342962	41.78	PPBV	99
14) DICHLOROFLUOROMETHANE	4.94	67	1267464	40.65	PPBV	99
15) ACETONITRILE	5.12	41	488253	45.40	PPBV	98
16) FREON 123	5.16	83	1353591	40.32	PPBV	98
17) FREON 123A	5.19	117	799207	41.47	PPBV	97
18) TRICHLOROFLUOROMETHANE	5.33	101	1295455	40.66	PPBV	99
19) ISOPROPYL ALCOHOL	5.38	45	1163678	42.76	PPBV	98
20) ACETONE	5.23	58	303010	43.05	PPBV	100
21) PENTANE	5.49	42	619296	40.25	PPBV	100
22) TVHC as EQUIV PENTANE	5.50	TIC	3772315m	42.26	PPBV	
23) IODOMETHANE	5.67	142	1494665	41.24	PPBV	99
24) 1,1-DICHLOROETHYLENE	5.71	96	583896	41.83	PPBV	98
25) CARBON DISULFIDE	5.99	76	1686782	41.50	PPBV	99
26) ETHANOL	4.98	45	259856	43.50	PPBV	98
27) BROMOETHENE	5.10	106	586074	41.43	PPBV	99
28) ACRYLONITRILE	5.52	52	398507	43.91	PPBV	99
29) METHYLENE CHLORIDE	5.80	84	521626	40.61	PPBV	97
30) 3-CHLOROPROPENE	5.85	76	273818	42.43	PPBV	96
31) FREON 113	5.93	151	965014	41.67	PPBV	99
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	596436	43.05	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.73	59	1361269	42.44	PPBV	100
34) METHYL TERTIARY BUTYL ETHE	6.53	73	1657431	41.62	PPBV	100
35) TETRAHYDROFURAN	7.68	72	315141	43.08	PPBV	99
36) HEXANE	7.23	57	964667	41.08	PPBV	98
37) VINYL ACETATE	6.63	86	140906	44.72	PPBV	96
38) 1,1-DICHLOROETHANE	6.53	63	1101845	40.94	PPBV	100
39) METHYL ETHYL KETONE	6.80	72	319801	44.31	PPBV	97
40) cis-1,2-DICHLOROETHYLENE	7.19	96	622009	42.46	PPBV	99
41) DIISOPROPYL ETHER	7.24	45	2273621	40.37	PPBV	98
42) ETHYL ACETATE	7.31	61	246274	43.93	PPBV #	93
43) METHYL ACRYLATE	7.32	55	1120401	44.20	PPBV	99
44) CHLOROFORM	7.39	83	1175492	41.25	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.93	57	1208605	41.28	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	1154540	40.82	PPBV	99
47) CARBON TETRACHLORIDE	8.71	117	1146074	41.12	PPBV	99
48) 1,2-DICHLOROETHANE	7.97	62	705982	42.71	PPBV	99
50) BENZENE	8.58	78	1868750	41.01	PPBV	99
51) CYCLOHEXANE	8.74	84	979150	41.73	PPBV	98

(#) = qualifier out of range (m) = manual integration
3W36944.D M3W1416.M Fri Nov 08 12:08:18 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36944.D Vial: 1
Acq On : 7 Nov 2013 5:21 am Operator: YOUMINH
Sample : IC1416-40 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 08:52:31 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 08:51:31 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

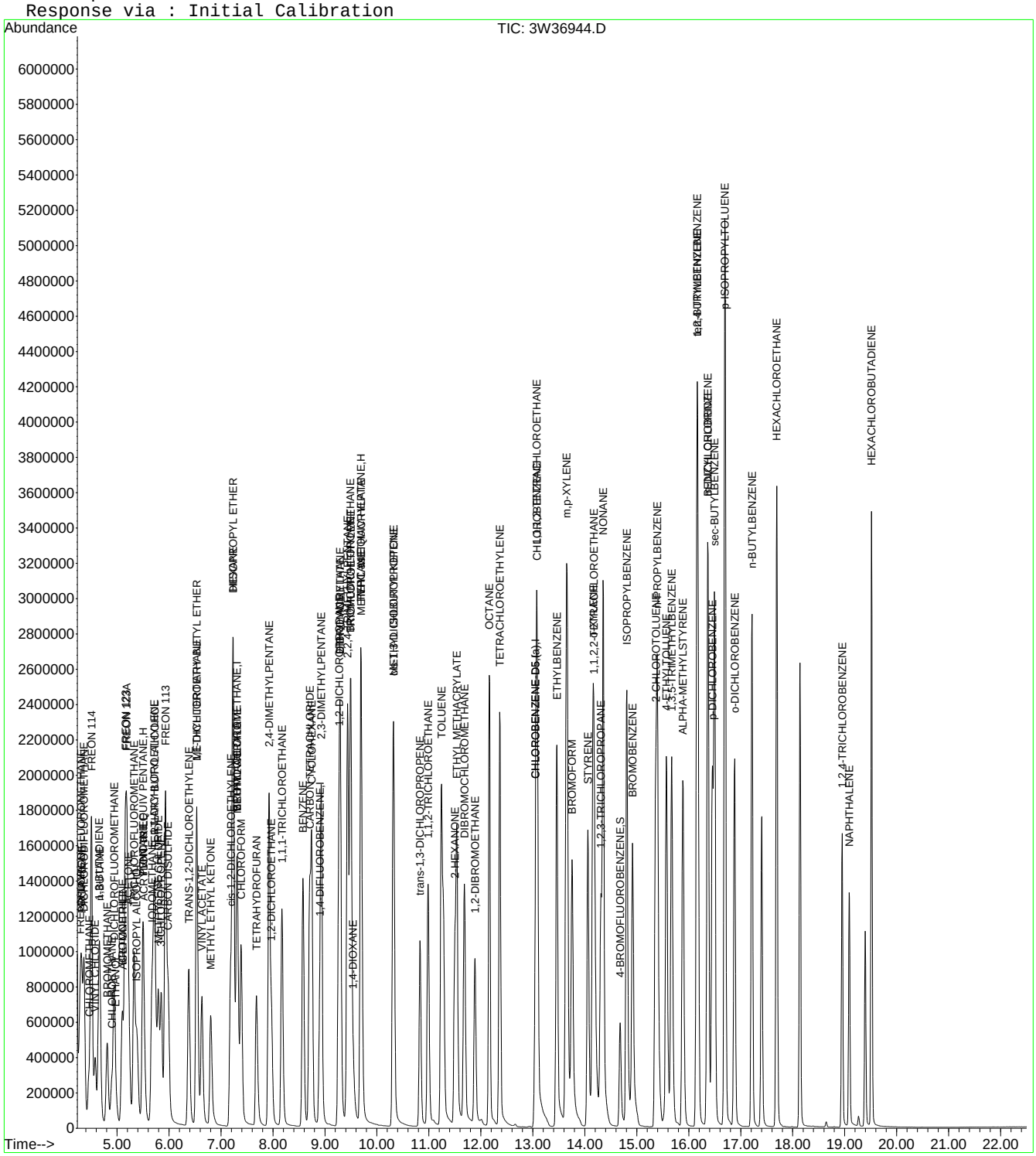
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	2,3-DIMETHYLPENTANE	8.93	71	445356	42.32	PPBV		91
53)	TRICHLOROETHYLENE	9.50	95	767634	43.32	PPBV		99
54)	1,2-DICHLOROPROPANE	9.27	63	757256	41.99	PPBV		100
55)	DIBROMOMETHANE	9.29	174	748632	43.65	PPBV		99
56)	ETHYL ACRYLATE	9.30	55	1418827	42.92	PPBV		99
57)	BROMODICHLOROMETHANE	9.49	83	1234924	41.60	PPBV		99
58)	2,2,4-TRIMETHYLPENTANE	9.44	57	3003039	39.75	PPBV		100
59)	1,4-DIOXANE	9.55	88	432635	44.30	PPBV		99
60)	HEPTANE	9.69	43	1151410	40.04	PPBV		96
61)	TVHC as EQUIV HEPTANE	9.69	TIC	7797324m	41.87	PPBV		
62)	METHYL METHACRYLATE	9.70	69	705662	43.59	PPBV		93
63)	METHYL ISOBUTYL KETONE	10.31	58	587002	43.85	PPBV		96
64)	cis-1,3-DICHLOROPROPENE	10.32	75	1069534	43.27	PPBV		98
65)	TOLUENE	11.24	92	1267008	42.00	PPBV		97
66)	trans-1,3-DICHLOROPROPENE	10.83	75	907925	44.85	PPBV		99
67)	1,1,2-TRICHLOROETHANE	10.99	83	643899	42.46	PPBV		100
69)	2-HEXANONE	11.50	58	812148	41.53	PPBV		96
70)	ETHYL METHACRYLATE	11.54	69	1183210	40.19	PPBV		97
71)	TETRACHLOROETHYLENE	12.36	164	819558	38.34	PPBV		98
72)	DIBROMOCHLOROMETHANE	11.68	129	1243570	39.21	PPBV		100
73)	1,2-DIBROMOETHANE	11.89	107	1038090	39.40	PPBV		99
74)	OCTANE	12.16	43	1549789	36.60	PPBV		96
75)	1,1,1,2-TETRACHLOROETHANE	13.07	131	911290	38.92	PPBV		100
76)	CHLOROBENZENE	13.09	112	1508451	38.32	PPBV		99
77)	ETHYLBENZENE	13.46	91	2503235	36.98	PPBV		98
78)	m,p-XYLENE	13.65	106	1916775	76.15	PPBV		93
79)	o-XYLENE	14.16	106	954655	38.95	PPBV		96
80)	STYRENE	14.06	104	1399737	38.60	PPBV		99
81)	NONANE	14.35	43	1527176	36.83	PPBV		97
82)	BROMOFORM	13.76	173	1180702	39.32	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.18	83	1485826	38.75	PPBV		100
85)	1,2,3-TRICHLOROPROPANE	14.31	75	1099066	38.81	PPBV		99
86)	ISOPROPYLBENZENE	14.81	105	2670737	36.93	PPBV		98
87)	BROMOBENZENE	14.92	77	1251244	38.88	PPBV		100
88)	2-CHLOROTOLUENE	15.36	126	667623	39.11	PPBV		100
89)	n-PROPYLBENZENE	15.40	120	727521	39.72	PPBV		99
90)	4-ETHYLTOLUENE	15.57	105	2347146	39.03	PPBV		97
91)	1,3,5-TRIMETHYLBENZENE	15.67	105	2072913	38.57	PPBV		98
92)	ALPHA-METHYLSTYRENE	15.89	118	1077621	41.18	PPBV		99
93)	tert-BUTYLBENZENE	16.16	134	515377	41.21	PPBV	#	88
94)	1,2,4-TRIMETHYLBENZENE	16.17	105	2015189	40.00	PPBV		97
95)	m-DICHLOROBENZENE	16.37	146	1320247	42.59	PPBV		98
96)	BENZYL CHLORIDE	16.37	91	1888185	46.62	PPBV		98
97)	p-DICHLOROBENZENE	16.45	146	1328343	44.01	PPBV		98
98)	sec-BUTYLBENZENE	16.50	134	637462	42.77	PPBV	#	83
99)	p-ISOPROPYLTOLUENE	16.69	134	702677	44.13	PPBV	#	84
100)	o-DICHLOROBENZENE	16.88	146	1301030	43.92	PPBV		99
101)	n-BUTYLBENZENE	17.22	134	616949	46.29	PPBV	#	85
102)	HEXACHLOROETHANE	17.69	117	968575	41.72	PPBV		98
103)	HEXACHLOROBUTADIENE	19.52	225	785491	35.94	PPBV		99
104)	1,2,4-TRICHLOROBENZENE	18.95	180	674826	41.52	PPBV		98
106)	NAPHTHALENE	19.09	128	1280014	42.86	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36944.D M3W1416.M Fri Nov 08 12:08:19 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36944.D Vial: 1
Acq On : 7 Nov 2013 5:21 am Operator: YOUMINH
Sample : IC1416-40 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:09 2013 Quant Results File: M3W1416.RES

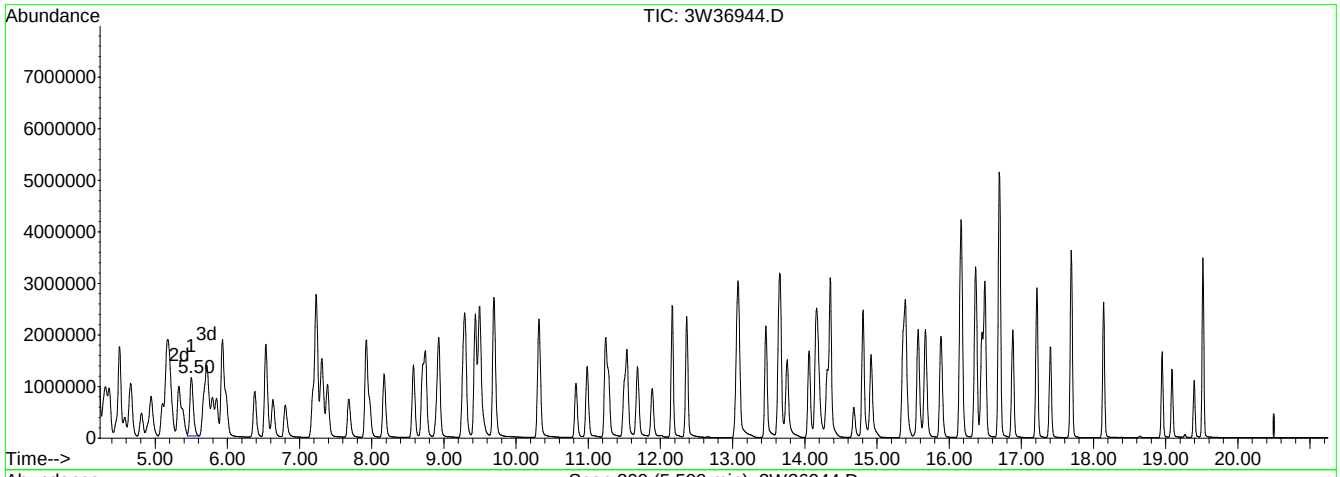
Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

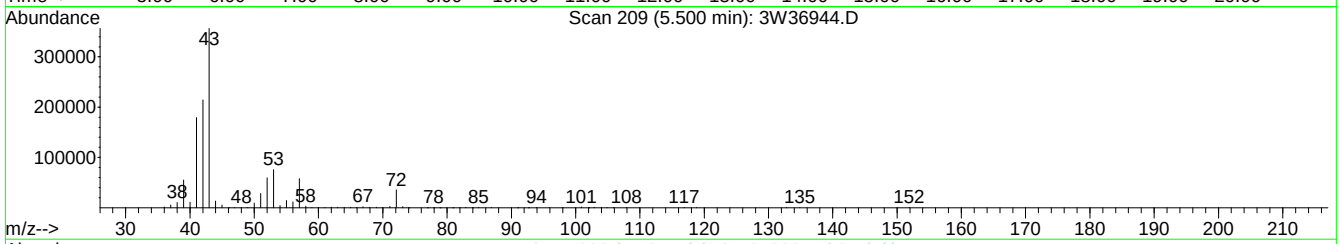


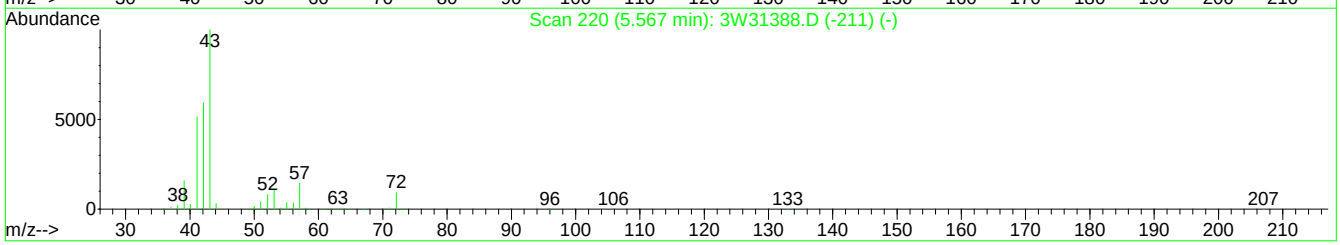
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36944.D Vial: 1
Acq On : 7 Nov 2013 5:21 am Operator: YOUMINH
Sample : IC1416-40 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:09 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36944.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 42.26PPBV m

response 3772315

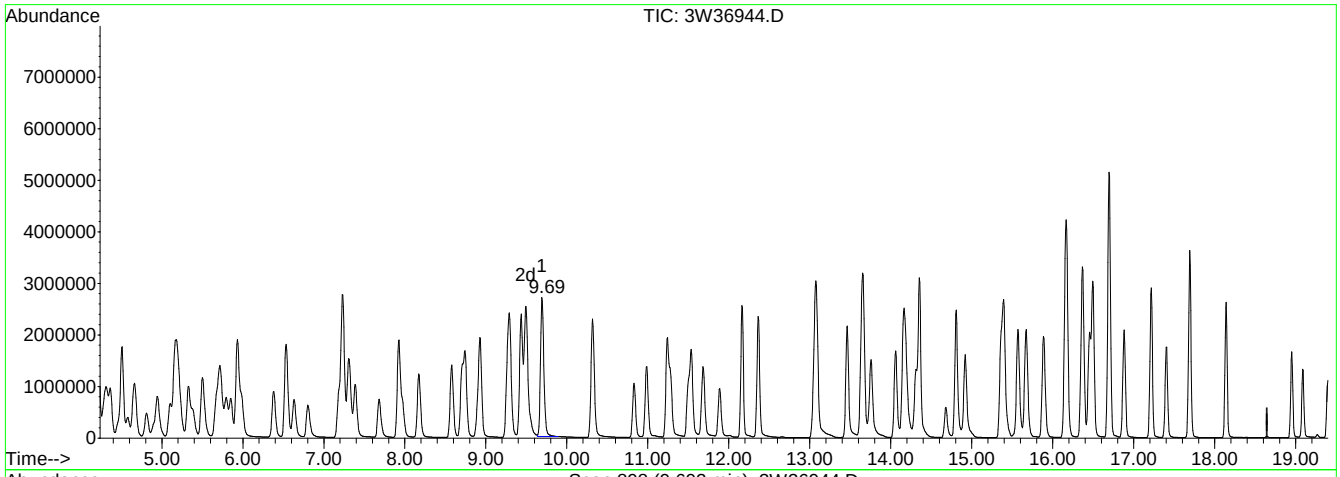
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	4.38#
0.00	3.40	3.89#
0.00	0.00	0.00

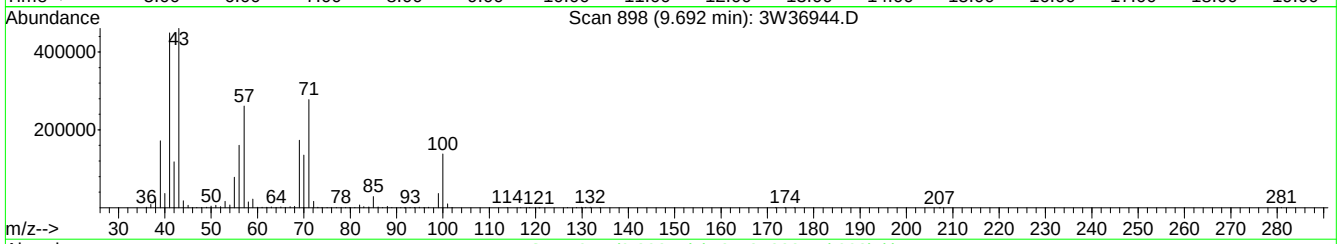
3W36944.D M3W1416.M Thu Nov 07 12:59:06 2013 MS3W

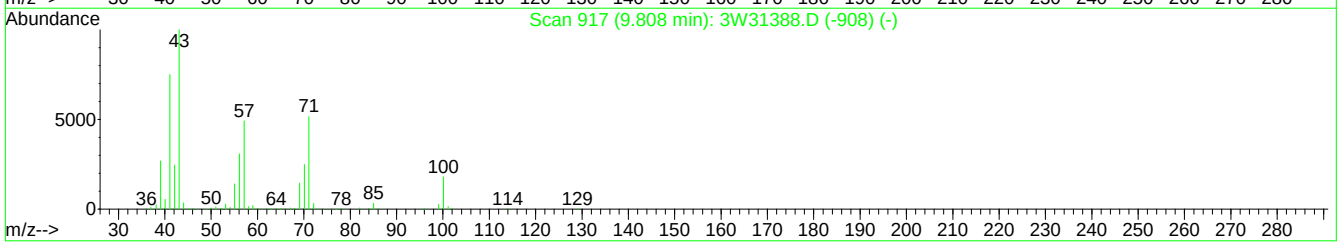
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36944.D Vial: 1
Acq On : 7 Nov 2013 5:21 am Operator: YOUMINH
Sample : IC1416-40 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:09 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36944.D

(61) TVHC as EQUIV HEPTANE (H)

9.69min 41.87PPBV m

response 7797324

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	2.12#
0.00	1.60	1.88#
0.00	0.00	0.00

3W36944.D M3W1416.M Fri Nov 08 11:40:33 2013 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 11/08/13 14:18

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 09:49:37 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 09:10:53 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	108950	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	540139	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	246059	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	246059	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	270081	9.80	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 98.00%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	5441	0.58	PPBV #	48
4) CHLORODIFLUOROMETHANE	4.30	67	2197	0.69	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.37	85	18625	0.57	PPBV	98
6) PROPYLENE	4.33	41	7746	0.62	PPBV	98
7) FREON 114	4.51	85	21260	0.59	PPBV	95
8) CHLOROMETHANE	4.47	50	9276	0.57	PPBV	91
9) VINYL CHLORIDE	4.58	62	8912	0.57	PPBV	100
10) 1,3-BUTADIENE	4.65	54	6493	0.54	PPBV	98
11) n-BUTANE	4.67	43	13706	0.59	PPBV #	96
12) BROMOMETHANE	4.81	94	7999	0.56	PPBV	98
13) CHLOROETHANE	4.89	64	4765	0.58	PPBV	99
14) DICHLOROFLUOROMETHANE	4.94	67	17895	0.55	PPBV	97
15) ACETONITRILE	5.12	41	6774	0.61	PPBV	91
16) FREON 123	5.15	83	19647	0.58	PPBV	99
17) FREON 123A	5.19	117	10866	0.57	PPBV	97
18) TRICHLOROFLUOROMETHANE	5.32	101	18332	0.57	PPBV	99
19) ISOPROPYL ALCOHOL	5.39	45	19191	0.69	PPBV	92
20) ACETONE	5.24	58	4968	0.69	PPBV	96
21) PENTANE	5.49	42	9057	0.59	PPBV	96
22) TVHC as EQUIV PENTANE	5.49	TIC	46309m	0.54	PPBV	
23) IODOMETHANE	5.66	142	19554	0.54	PPBV	98
24) 1,1-DICHLOROETHYLENE	5.70	96	7688	0.53	PPBV	98
25) CARBON DISULFIDE	5.98	76	23053	0.54	PPBV	96
26) ETHANOL	4.99	45	4746m	0.78	PPBV	
27) BROMOETHENE	5.10	106	7717	0.55	PPBV	98
28) ACRYLONITRILE	5.52	52	4262	0.46	PPBV #	80
29) METHYLENE CHLORIDE	5.79	84	11137	0.89	PPBV	98
30) 3-CHLOROPROPENE	5.85	76	3429	0.52	PPBV #	88
31) FREON 113	5.93	151	12776	0.55	PPBV	97
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	7308	0.53	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.75	59	18923	0.58	PPBV	96
34) METHYL TERTIARY BUTYL ETHE	6.55	73	23063	0.57	PPBV	99
35) TETRAHYDROFURAN	7.72	72	3824	0.54	PPBV #	86
36) HEXANE	7.22	57	15077	0.62	PPBV	99
37) VINYL ACETATE	6.63	86	1648	0.52	PPBV #	86
38) 1,1-DICHLOROETHANE	6.53	63	15990	0.59	PPBV	97
39) METHYL ETHYL KETONE	6.82	72	3973	0.56	PPBV #	77
40) cis-1,2-DICHLOROETHYLENE	7.17	96	7705	0.53	PPBV	95
41) DIISOPROPYL ETHER	7.24	45	32894	0.59	PPBV	95
42) ETHYL ACETATE	7.31	61	2737	0.48	PPBV #	54
43) METHYL ACRYLATE	7.32	55	14580	0.56	PPBV #	78
44) CHLOROFORM	7.37	83	16209	0.58	PPBV #	75
45) 2,4-DIMETHYLPENTANE	7.92	57	16341	0.55	PPBV	100
46) 1,1,1-TRICHLOROETHANE	8.16	97	16020	0.57	PPBV	97
47) CARBON TETRACHLORIDE	8.69	117	15766	0.58	PPBV	98
48) 1,2-DICHLOROETHANE	7.95	62	9153	0.57	PPBV	100
50) BENZENE	8.56	78	25668	0.58	PPBV	99
51) CYCLOHEXANE	8.74	84	13257	0.59	PPBV	100

(#) = qualifier out of range (m) = manual integration
3W36947.D M3W1416.M Fri Nov 08 12:08:20 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 09:49:37 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 09:10:53 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

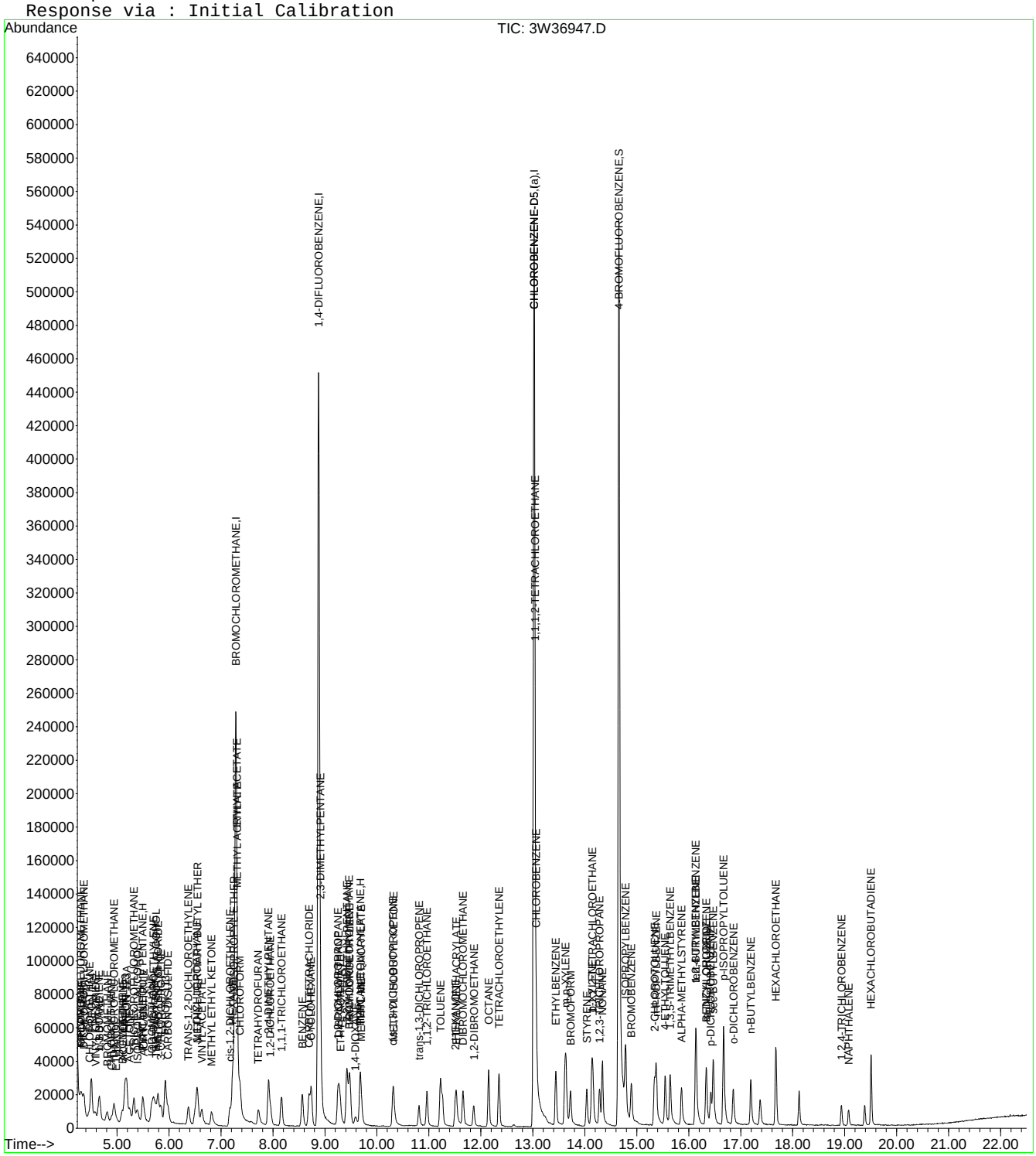
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	2,3-DIMETHYLPENTANE	8.92	71	6355	0.62	PPBV	#	30
53)	TRICHLOROETHYLENE	9.48	95	9828	0.56	PPBV		98
54)	1,2-DICHLOROPROPANE	9.25	63	10173	0.57	PPBV		99
55)	DIBROMOMETHANE	9.27	174	8872	0.55	PPBV		97
56)	ETHYL ACRYLATE	9.30	55	17300	0.54	PPBV	#	96
57)	BROMODICHLOROMETHANE	9.46	83	16801	0.58	PPBV		99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	42436	0.56	PPBV		99
59)	1,4-DIOXANE	9.58	88	8281	0.85	PPBV		84
60)	HEPTANE	9.67	43	15827	0.56	PPBV		98
61)	TVHC as EQUIV HEPTANE	9.68	TIC	96064m	0.54	PPBV		
62)	METHYL METHACRYLATE	9.70	69	8561	0.54	PPBV	#	86
63)	METHYL ISOBUTYL KETONE	10.32	58	7084	0.53	PPBV		96
64)	cis-1,3-DICHLOROPROPENE	10.30	75	13122	0.54	PPBV		95
65)	TOLUENE	11.23	92	16856	0.59	PPBV		97
66)	trans-1,3-DICHLOROPROPENE	10.81	75	9697	0.49	PPBV		99
67)	1,1,2-TRICHLOROETHANE	10.96	83	8438	0.59	PPBV		99
69)	2-HEXANONE	11.50	58	10019	0.62	PPBV		94
70)	ETHYL METHACRYLATE	11.53	69	13268	0.57	PPBV		93
71)	TETRACHLOROETHYLENE	12.35	164	10489	0.60	PPBV		97
72)	DIBROMOCHLOROMETHANE	11.66	129	15551	0.61	PPBV		100
73)	1,2-DIBROMOETHANE	11.86	107	12752	0.62	PPBV		99
74)	OCTANE	12.15	43	21088	0.61	PPBV		99
75)	1,1,1,2-TETRACHLOROETHANE	13.05	131	11754	0.63	PPBV		100
76)	CHLOROBENZENE	13.07	112	19326	0.63	PPBV	#	81
77)	ETHYLBENZENE	13.44	91	34514	0.64	PPBV		98
78)	m,p-XYLENE	13.63	106	24284	1.23	PPBV		94
79)	o-XYLENE	14.13	106	12559	0.66	PPBV		94
80)	STYRENE	14.04	104	15700	0.56	PPBV		99
81)	NONANE	14.34	43	19956	0.58	PPBV		95
82)	BROMOFORM	13.73	173	14222	0.61	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	19918	0.64	PPBV		100
85)	1,2,3-TRICHLOROPROPANE	14.29	75	15460	0.66	PPBV		94
86)	ISOPROPYLBENZENE	14.78	105	36949	0.65	PPBV		99
87)	BROMOBENZENE	14.89	77	16310	0.61	PPBV		94
88)	2-CHLOROTOLUENE	15.34	126	8380	0.64	PPBV		97
89)	n-PROPYLBENZENE	15.37	120	8756	0.61	PPBV		100
90)	4-ETHYLTOLUENE	15.54	105	28227	0.61	PPBV		96
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	25894	0.61	PPBV		98
92)	ALPHA-METHYLSTYRENE	15.86	118	10359	0.51	PPBV		97
93)	tert-BUTYLBENZENE	16.13	134	6067	0.63	PPBV	#	81
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	24390	0.62	PPBV		94
95)	m-DICHLOROBENZENE	16.34	146	13204	0.54	PPBV		99
96)	BENZYL CHLORIDE	16.34	91	15683	0.46	PPBV		98
97)	p-DICHLOROBENZENE	16.42	146	12962	0.53	PPBV		97
98)	sec-BUTYLBENZENE	16.48	134	7342	0.64	PPBV		97
99)	p-ISOPROPYLTOLUENE	16.68	134	7682	0.62	PPBV		98
100)	o-DICHLOROBENZENE	16.86	146	14066	0.60	PPBV		99
101)	n-BUTYLBENZENE	17.20	134	5557	0.51	PPBV		95
102)	HEXACHLOROETHANE	17.67	117	12279	0.64	PPBV		96
103)	HEXACHLOROBUTADIENE	19.51	225	11131	0.70	PPBV		99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	5429	0.40	PPBV		98
106)	NAPHTHALENE	19.07	128	10208	0.40	PPBV		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36947.D M3W1416.M Fri Nov 08 12:08:20 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:50 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration



Manual Integration Approval Summary

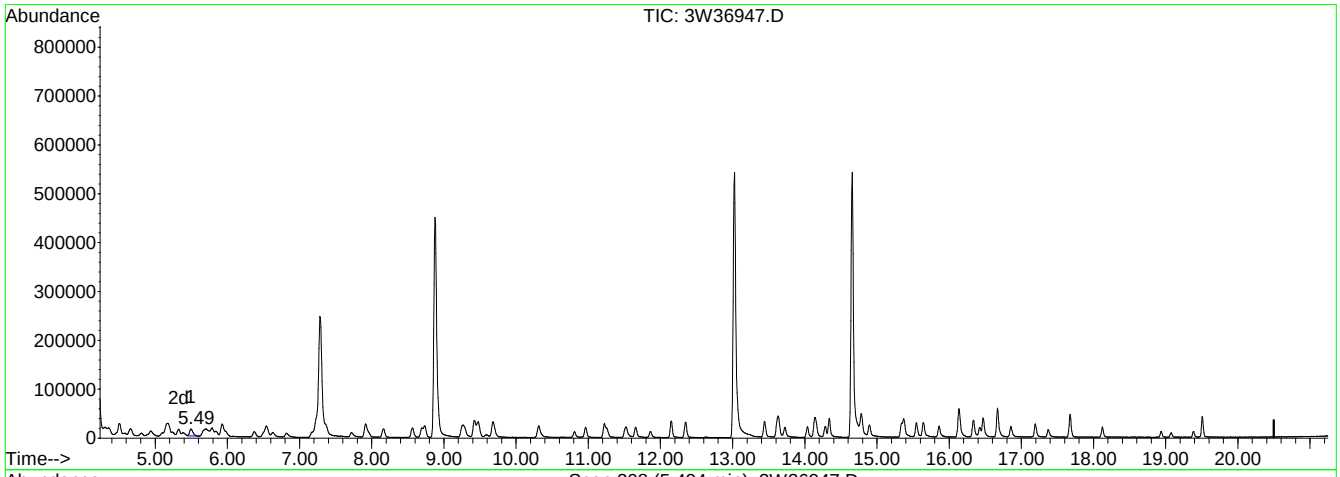
Sample Number: V3W1416-IC1416 **Method:** TO-15
Lab FileID: 3W36947.D **Analyst approved:** 11/08/13 11:47 Youmin Hu
Injection Time: 11/07/13 09:25 **Supervisor approved:** 11/08/13 14:18 Jessica Reitan-Chu

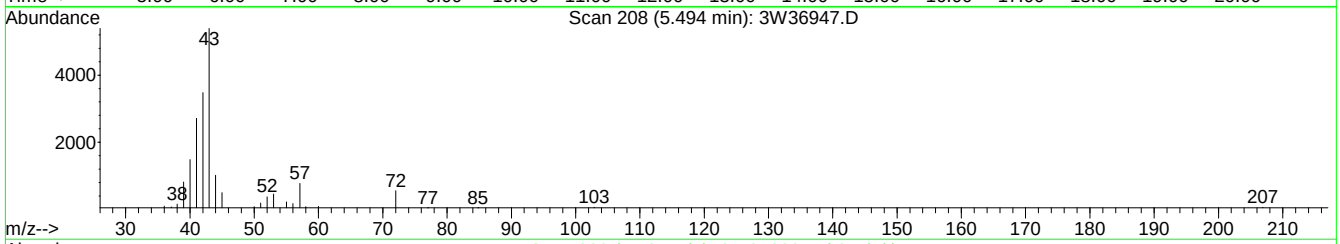
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethanol	64-17-5		4.99	Poor instrument integration

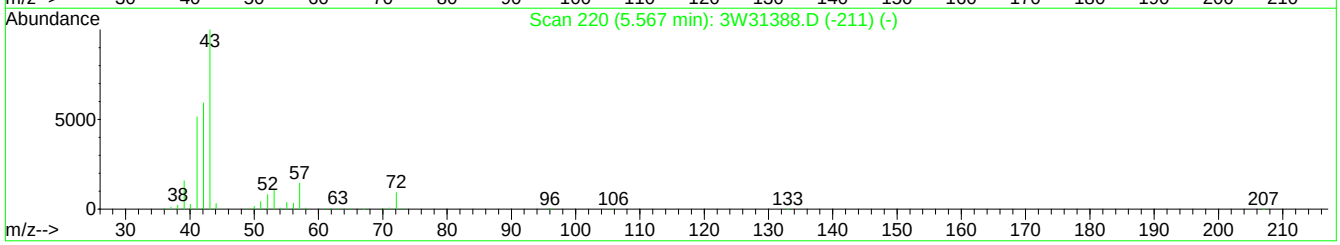
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:50 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36947.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.54PPBV m

response 46309

Signal	Exp%	Act%
TIC	100	100
0.00	3.90	2.62#
0.00	3.40	1.94#
0.00	0.00	0.00

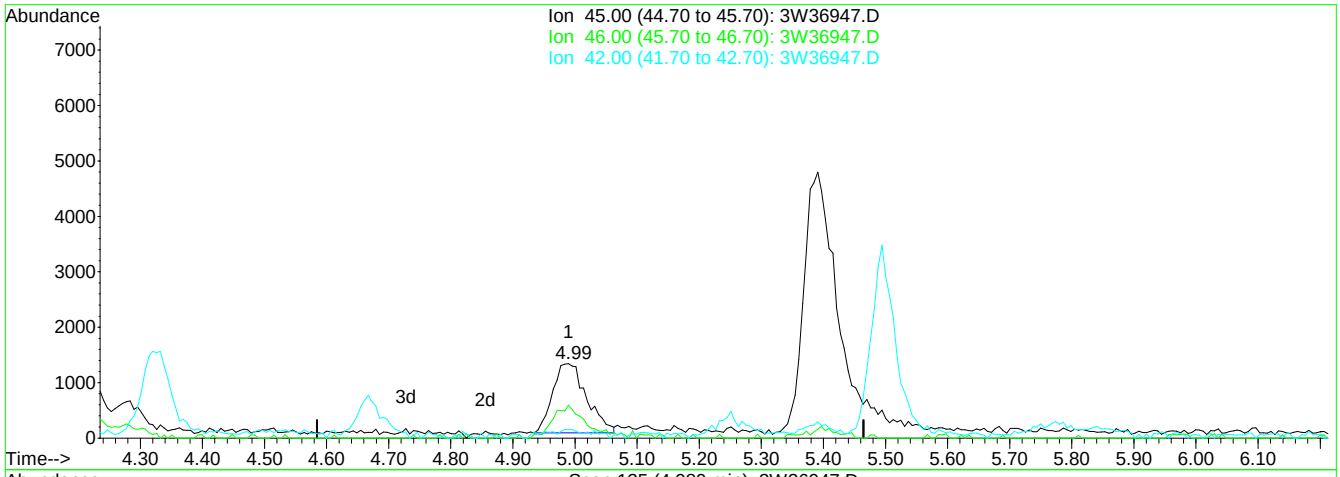
3W36947.D M3W1416.M Thu Nov 07 12:59:13 2013 MS3W

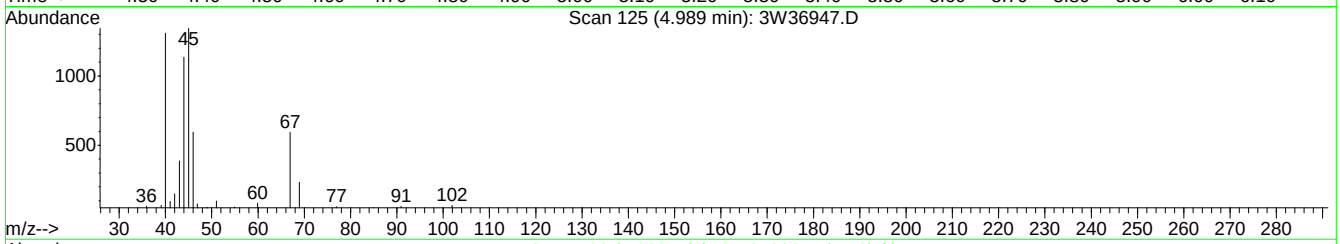
ACCUTEST LABORATORIES
JB58146

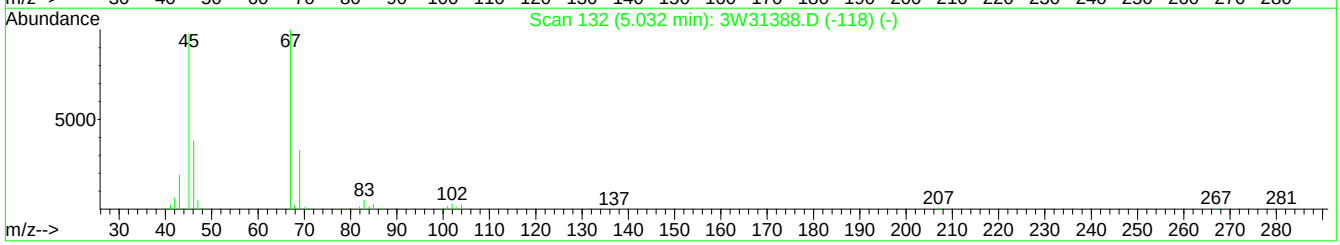
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:50 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Single Level Calibration







TIC: 3W36947.D

(26) ETHANOL

4.99min 0.78PPBV m

response 4746

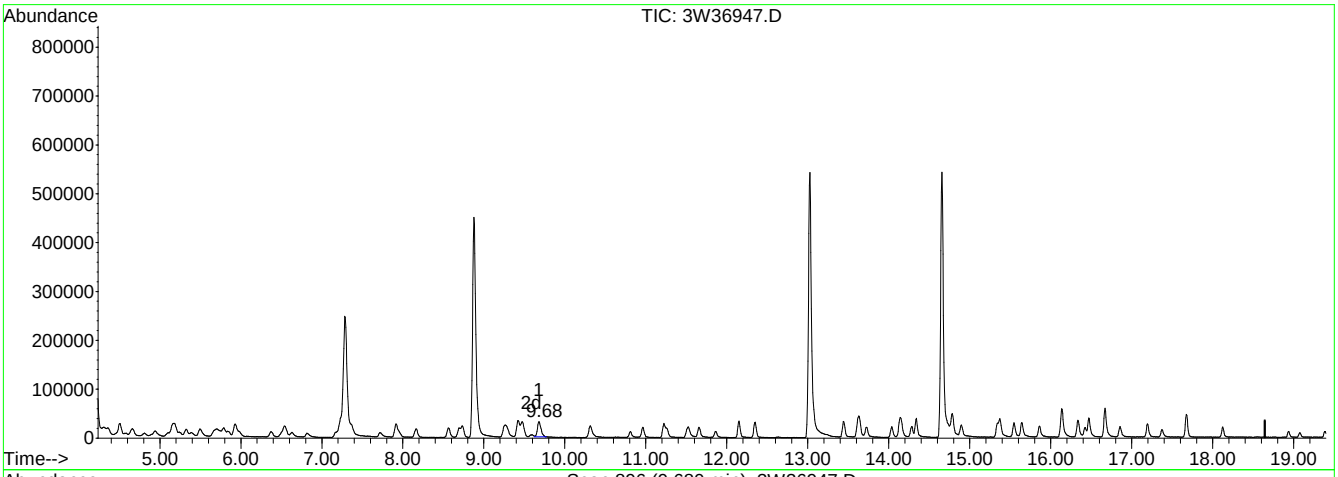
Ion	Exp%	Act%
45.00	100	100
46.00	38.00	46.54
42.00	7.00	10.91
0.00	0.00	0.00

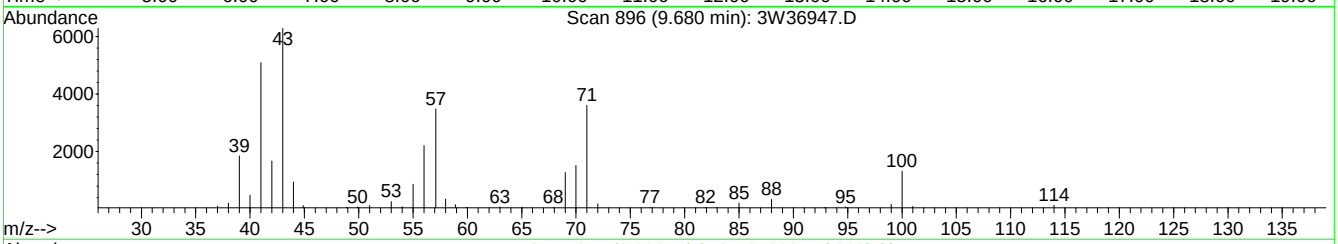
3W36947.D M3W1416.M Fri Nov 08 11:39:10 2013 MS3W

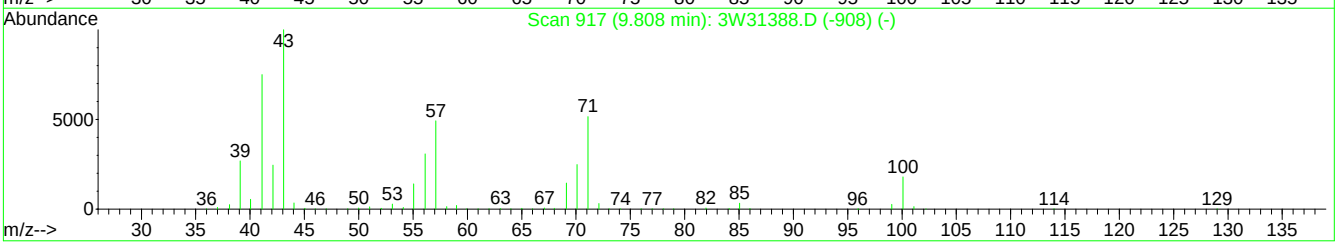
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36947.D Vial: 2
Acq On : 7 Nov 2013 9:25 am Operator: YOUMINH
Sample : IC1416-0.5 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 9:50 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W36947.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 0.54PPBV m

response 96064

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.26#
0.00	1.60	0.93#
0.00	0.00	0.00

3W36947.D M3W1416.M Fri Nov 08 11:40:40 2013 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 11/08/13 14:18

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 10:33:58 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 09:50:53 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	106866	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	536280	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	240261	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	239027	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	253273	9.43	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 94.30%			
Target Compounds						Qvalue
3) FREON 152A	4.29	65	2129	0.23	PPBV #	48
4) CHLORODIFLUOROMETHANE	4.30	67	901	0.27	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.38	85	7631	0.23	PPBV	97
6) PROPYLENE	4.32	41	2877	0.23	PPBV	85
7) FREON 114	4.51	85	7671	0.21	PPBV	98
8) CHLOROMETHANE	4.46	50	3647	0.22	PPBV	76
9) VINYL CHLORIDE	4.59	62	3114	0.20	PPBV	100
10) 1,3-BUTADIENE	4.65	54	2543	0.21	PPBV	90
11) n-BUTANE	4.67	43	5679	0.24	PPBV #	93
12) BROMOMETHANE	4.81	94	2892	0.20	PPBV	99
13) CHLOROETHANE	4.89	64	1673	0.20	PPBV	97
14) DICHLOROFLUOROMETHANE	4.94	67	6542	0.20	PPBV	93
15) ACETONITRILE	5.13	41	2988	0.27	PPBV #	33
16) FREON 123	5.15	83	7350	0.22	PPBV	98
17) FREON 123A	5.18	117	4051	0.21	PPBV	94
18) TRICHLOROFLUOROMETHANE	5.34	101	6935	0.22	PPBV	98
19) ISOPROPYL ALCOHOL	5.42	45	7341	0.26	PPBV	80
20) ACETONE	5.26	58	1909	0.26	PPBV	92
21) PENTANE	5.50	42	3707	0.24	PPBV	97
22) TVHC as EQUIV PENTANE	5.49	TIC	19021m	0.22	PPBV	
23) IODOMETHANE	5.66	142	7457	0.21	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.72	96	2892	0.20	PPBV	94
25) CARBON DISULFIDE	5.97	76	9084	0.22	PPBV	99
26) ETHANOL	5.01	45	2035m	0.32	PPBV	
27) BROMOETHENE	5.09	106	2779	0.20	PPBV	95
28) ACRYLONITRILE	5.52	52	1443	0.16	PPBV #	80
29) METHYLENE CHLORIDE	5.80	84	5103	0.37	PPBV	96
30) 3-CHLOROPROPENE	5.85	76	1264	0.20	PPBV #	75
31) FREON 113	5.93	151	4945	0.21	PPBV	98
32) TRANS-1,2-DICHLOROETHYLENE	6.37	96	2646	0.19	PPBV	99
33) TERTIARY BUTYL ALCOHOL	5.77	59	6906	0.21	PPBV	91
34) METHYL TERTIARY BUTYL ETHE	6.57	73	8806	0.22	PPBV	98
35) TETRAHYDROFURAN	7.75	72	1406	0.20	PPBV #	86
36) HEXANE	7.22	57	5517	0.22	PPBV	96
37) VINYL ACETATE	6.64	86	466	0.15	PPBV #	30
38) 1,1-DICHLOROETHANE	6.53	63	5679	0.21	PPBV	98
39) METHYL ETHYL KETONE	6.83	72	1251	0.18	PPBV #	83
40) cis-1,2-DICHLOROETHYLENE	7.18	96	2874	0.20	PPBV	96
41) DIISOPROPYL ETHER	7.25	45	12664	0.23	PPBV	98
42) ETHYL ACETATE	7.32	61	1098	0.20	PPBV #	91
43) METHYL ACRYLATE	7.33	55	5099	0.20	PPBV #	76
44) CHLOROFORM	7.37	83	5857	0.21	PPBV #	78
45) 2,4-DIMETHYLPENTANE	7.92	57	6183	0.21	PPBV	98
46) 1,1,1-TRICHLOROETHANE	8.17	97	5597	0.20	PPBV	97
47) CARBON TETRACHLORIDE	8.69	117	6020	0.22	PPBV	97
48) 1,2-DICHLOROETHANE	7.96	62	3253	0.20	PPBV	95
50) BENZENE	8.57	78	9351	0.21	PPBV	99
51) CYCLOHEXANE	8.74	84	5011	0.22	PPBV	98

(#) = qualifier out of range (m) = manual integration
3W36948.D M3W1416.M Fri Nov 08 12:08:22 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 10:33:58 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 09:50:53 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

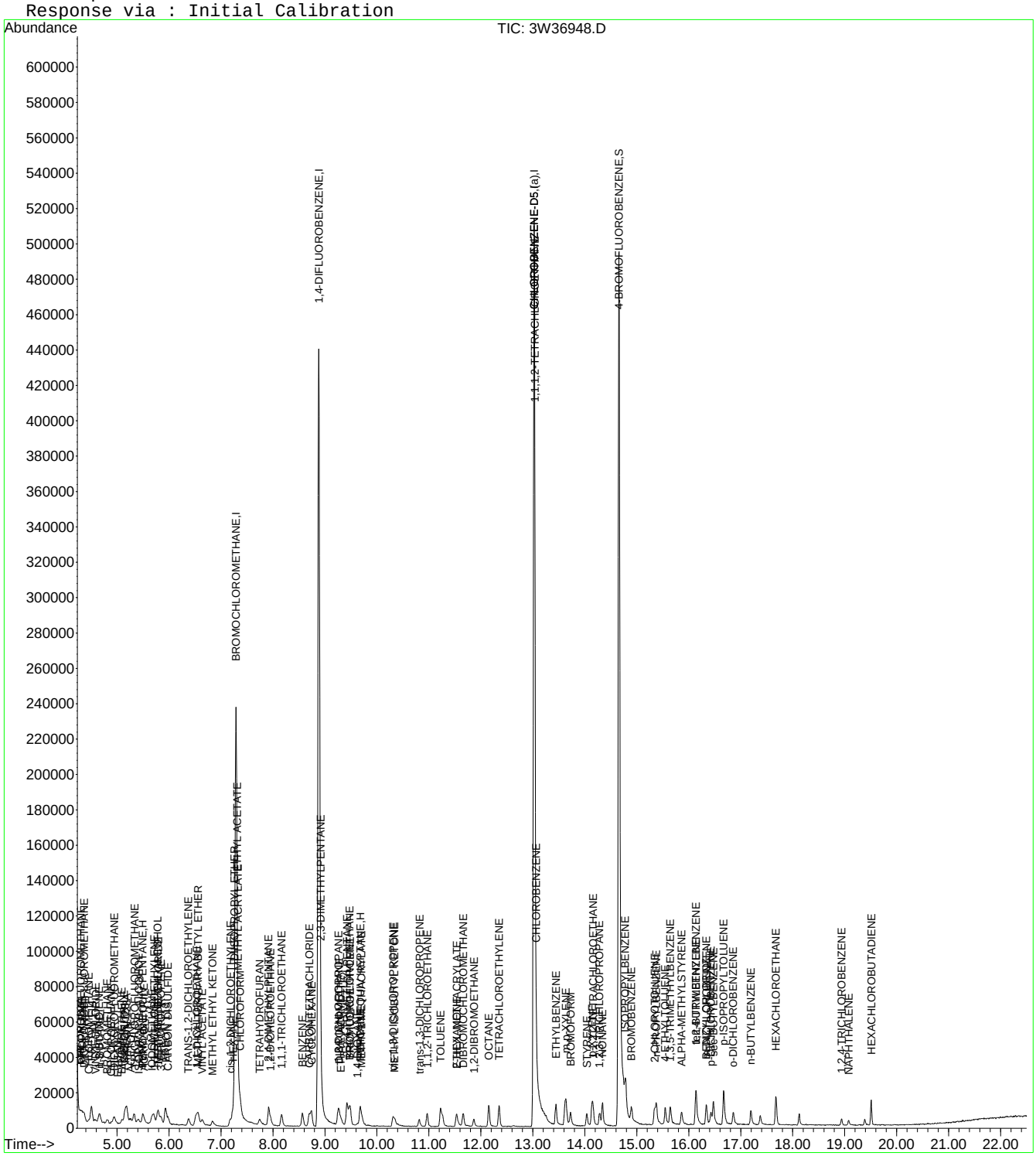
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	2,3-DIMETHYLPENTANE	8.93	71	2966	0.28	PPBV	#	1
53)	TRICHLOROETHYLENE	9.49	95	3764	0.21	PPBV		97
54)	1,2-DICHLOROPROPANE	9.25	63	4650	0.26	PPBV		88
55)	DIBROMOMETHANE	9.28	174	2981	0.19	PPBV		88
56)	ETHYL ACRYLATE	9.31	55	7308	0.23	PPBV	#	81
57)	BROMODICHLOROMETHANE	9.47	83	6064	0.21	PPBV		97
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	16569	0.22	PPBV		98
59)	1,4-DIOXANE	9.62	88	2276	0.21	PPBV		86
60)	HEPTANE	9.68	43	6411	0.23	PPBV		85
61)	TVHC as EQUIV HEPTANE	9.68	TIC	37811m	0.21	PPBV		
62)	METHYL METHACRYLATE	9.71	69	3005	0.19	PPBV	#	75
63)	METHYL ISOBUTYL KETONE	10.34	58	2233	0.17	PPBV		90
64)	cis-1,3-DICHLOROPROPENE	10.31	75	4601	0.19	PPBV		90
65)	TOLUENE	11.23	92	6113	0.21	PPBV		97
66)	trans-1,3-DICHLOROPROPENE	10.81	75	3486	0.18	PPBV		94
67)	1,1,2-TRICHLOROETHANE	10.97	83	3074	0.21	PPBV		98
69)	2-HEXANONE	11.53	58	2455	0.15	PPBV		94
70)	ETHYL METHACRYLATE	11.54	69	4321	0.19	PPBV	#	78
71)	TETRACHLOROETHYLENE	12.35	164	3774	0.22	PPBV		98
72)	DIBROMOCHLOROMETHANE	11.66	129	5694	0.22	PPBV		95
73)	1,2-DIBROMOETHANE	11.86	107	4372	0.21	PPBV	#	96
74)	OCTANE	12.15	43	7756	0.22	PPBV		97
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	4211	0.23	PPBV		99
76)	CHLOROBENZENE	13.07	112	6968	0.23	PPBV	#	46
77)	ETHYLBENZENE	13.45	91	12367	0.23	PPBV		95
78)	m,p-XYLENE	13.64	106	9032	0.46	PPBV		93
79)	o-XYLENE	14.13	106	4384	0.23	PPBV	#	87
80)	STYRENE	14.04	104	5322	0.19	PPBV		97
81)	NONANE	14.34	43	7308	0.21	PPBV		93
82)	BROMOFORM	13.73	173	5034	0.22	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	7254	0.23	PPBV		99
85)	1,2,3-TRICHLOROPROPANE	14.28	75	5535	0.24	PPBV		87
86)	ISOPROPYLBENZENE	14.78	105	13114	0.23	PPBV		98
87)	BROMOBENZENE	14.89	77	5752	0.21	PPBV		91
88)	2-CHLOROTOLUENE	15.34	126	2850	0.22	PPBV		99
89)	n-PROPYLBENZENE	15.38	120	3048	0.21	PPBV		96
90)	4-ETHYLTOLUENE	15.55	105	9467	0.20	PPBV		98
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	8850	0.21	PPBV		91
92)	ALPHA-METHYLSTYRENE	15.86	118	3563	0.18	PPBV		93
93)	tert-BUTYLBENZENE	16.13	134	2276	0.23	PPBV		94
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	8465	0.22	PPBV		91
95)	m-DICHLOROBENZENE	16.34	146	4592	0.19	PPBV		97
96)	BENZYL CHLORIDE	16.34	91	5020	0.15	PPBV		100
97)	p-DICHLOROBENZENE	16.43	146	4675	0.20	PPBV		96
98)	sec-BUTYLBENZENE	16.48	134	2491	0.22	PPBV		94
99)	p-ISOPROPYLTOLUENE	16.67	134	2414	0.20	PPBV	#	79
100)	o-DICHLOROBENZENE	16.86	146	4793	0.21	PPBV		100
101)	n-BUTYLBENZENE	17.20	134	1798	0.17	PPBV		94
102)	HEXACHLOROETHANE	17.67	117	4400	0.23	PPBV		94
103)	HEXACHLOROBUTADIENE	19.51	225	3596	0.22	PPBV		95
104)	1,2,4-TRICHLOROBENZENE	18.94	180	1614	0.13	PPBV		92
106)	NAPHTHALENE	19.08	128	2999	0.12	PPBV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36948.D M3W1416.M Fri Nov 08 12:08:22 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 10:36 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Manual Integration Approval Summary

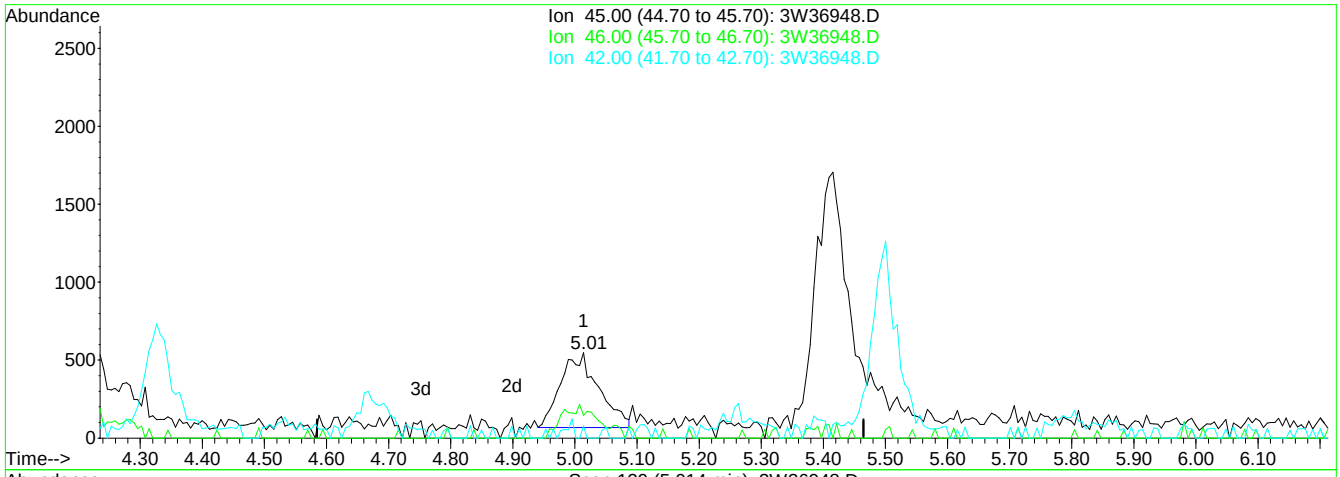
Sample Number: V3W1416-IC1416 **Method:** TO-15
Lab FileID: 3W36948.D **Analyst approved:** 11/08/13 11:47 Youmin Hu
Injection Time: 11/07/13 10:03 **Supervisor approved:** 11/08/13 14:18 Jessica Reitan-Chu

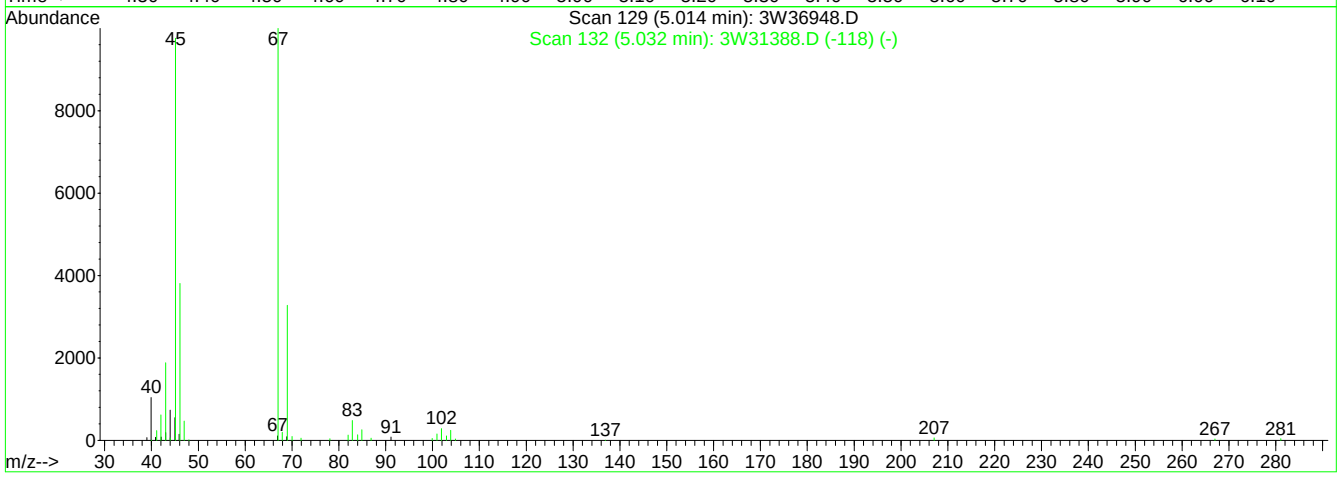
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethanol	64-17-5		5.01	Poor instrument integration

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 10:34 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 09:50:53 2013
Response via : Single Level Calibration





TIC: 3W36948.D

(26) ETHANOL

5.01min 0.32PPBV m

response 2035

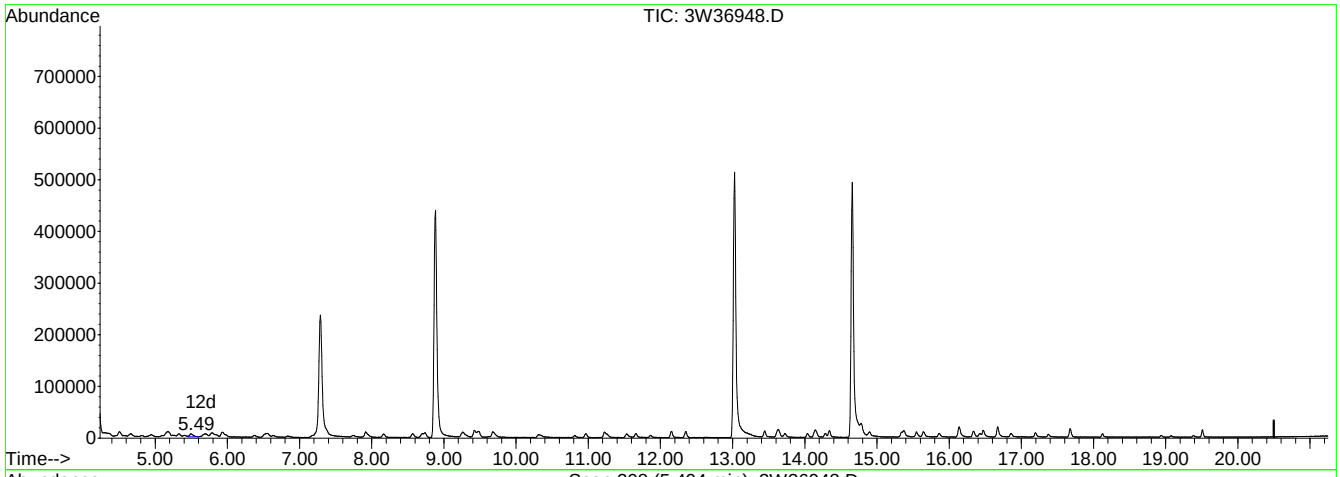
Ion	Exp%	Act%
45.00	100	100
46.00	38.00	42.85
42.00	7.00	5.06
0.00	0.00	0.00

3W36948.D M3W1416.M Thu Nov 07 10:35:04 2013 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 10:36 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36948.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.22PPBV m

response 19021

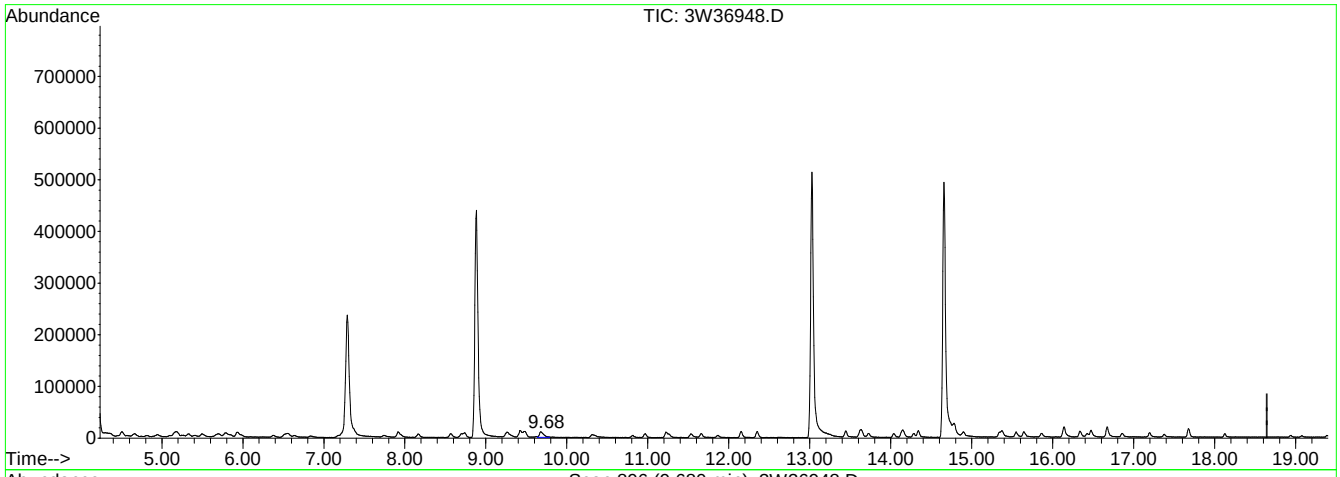
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	1.68#
0.00	3.40	1.77#
0.00	0.00	0.00

3W36948.D M3W1416.M Thu Nov 07 12:59:19 2013 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36948.D Vial: 2
Acq On : 7 Nov 2013 10:03 am Operator: YOUMINH
Sample : IC1416-0.2 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 10:36 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36948.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 0.21PPBV m

response 37811

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	0.84#
0.00	1.60	0.89#
0.00	0.00	0.00

3W36948.D M3W1416.M Fri Nov 08 11:40:45 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 11:42:05 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.30	128	110114	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	542386	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	264058	10.00	PPBV	0.00
105) CHLOROBENZENE-D5 (a)	13.03	82	262949	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	303619	10.35	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 103.50%			
Target Compounds						Qvalue
3) FREON 152A	4.28	65	91954	9.46	PPBV	100
4) CHLORODIFLUOROMETHANE	4.31	67	33027	9.34	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.36	85	333748	9.87	PPBV	99
6) PROPYLENE	4.33	41	130443	9.78	PPBV	99
7) FREON 114	4.50	85	361357	9.69	PPBV	99
8) CHLOROMETHANE	4.46	50	167086	9.81	PPBV	96
9) VINYL CHLORIDE	4.58	62	157024	9.75	PPBV	99
10) 1,3-BUTADIENE	4.65	54	119512	9.66	PPBV	99
11) n-BUTANE	4.67	43	244478	9.84	PPBV	100
12) BROMOMETHANE	4.81	94	141926	9.68	PPBV	99
13) CHLOROETHANE	4.89	64	84237	9.92	PPBV	99
14) DICHLOROFLUOROMETHANE	4.94	67	318317	9.62	PPBV	100
15) ACETONITRILE	5.11	41	113689	9.36	PPBV	99
16) FREON 123	5.15	83	339065	9.69	PPBV	100
17) FREON 123A	5.19	117	192908	9.83	PPBV	98
18) TRICHLOROFLUOROMETHANE	5.32	101	323836	9.69	PPBV	100
19) ISOPROPYL ALCOHOL	5.37	45	269724	8.83	PPBV	99
20) ACETONE	5.23	58	71725	9.05	PPBV	98
21) PENTANE	5.49	42	156461	9.59	PPBV	99
22) TVHC as EQUIV PENTANE	5.50	TIC	908262m	10.21	PPBV	
23) IODOMETHANE	5.67	142	362988	9.81	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.71	96	139942	9.46	PPBV	100
25) CARBON DISULFIDE	5.98	76	409752	9.35	PPBV	98
26) ETHANOL	4.97	45	62692	8.80	PPBV	99
27) BROMOETHENE	5.09	106	142271	9.94	PPBV	100
28) ACRYLONITRILE	5.51	52	92579	10.27	PPBV	99
29) METHYLENE CHLORIDE	5.79	84	130621	8.36	PPBV	99
30) 3-CHLOROPROPENE	5.85	76	64697	9.73	PPBV	99
31) FREON 113	5.93	151	231101	9.66	PPBV	99
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	139591	9.98	PPBV	100
33) TERTIARY BUTYL ALCOHOL	5.71	59	316462	9.33	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.53	73	397728	9.45	PPBV	99
35) TETRAHYDROFURAN	7.68	72	72716	10.04	PPBV	99
36) HEXANE	7.22	57	236985	9.24	PPBV	98
37) VINYL ACETATE	6.63	86	31015	9.89	PPBV #	91
38) 1,1-DICHLOROETHANE	6.53	63	269719	9.64	PPBV	100
39) METHYL ETHYL KETONE	6.80	72	71123	9.86	PPBV	97
40) cis-1,2-DICHLOROETHYLENE	7.17	96	145086	9.86	PPBV	99
41) DIISOPROPYL ETHER	7.23	45	568194	9.68	PPBV	100
42) ETHYL ACETATE	7.30	61	53933	9.47	PPBV #	88
43) METHYL ACRYLATE	7.31	55	257692	9.69	PPBV	99
44) CHLOROFORM	7.37	83	284996	9.86	PPBV	100
45) 2,4-DIMETHYLPENTANE	7.92	57	296180	9.67	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	283937	9.89	PPBV	100
47) CARBON TETRACHLORIDE	8.69	117	279240	9.81	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	164505	10.02	PPBV	99
50) BENZENE	8.57	78	450204	9.90	PPBV	99
51) CYCLOHEXANE	8.74	84	233330	10.03	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W36949.D M3W1416.M Fri Nov 08 12:08:24 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 07 11:42:05 2013 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

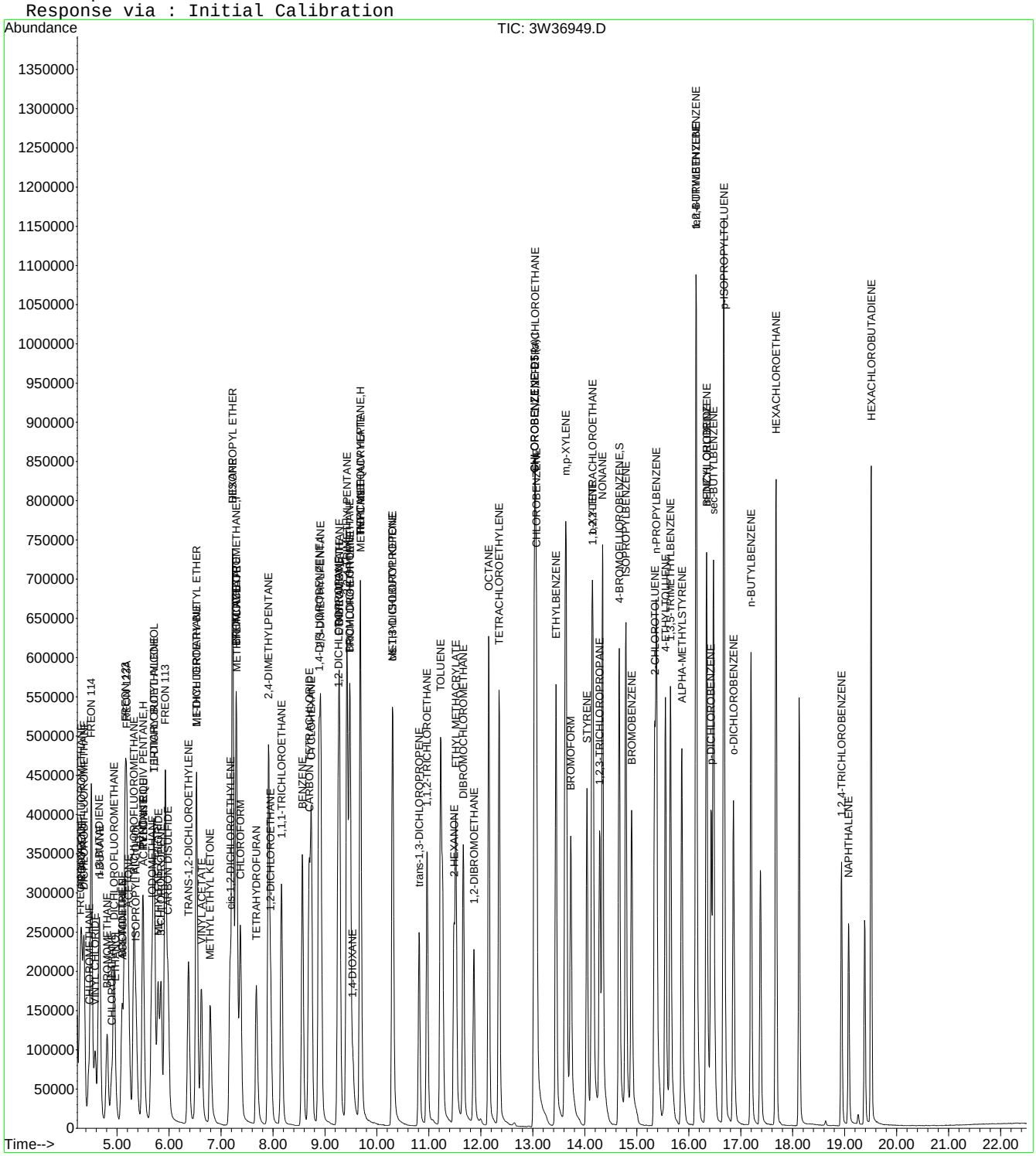
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.92	71	105050	9.37	PPBV	100
53)	TRICHLOROETHYLENE	9.49	95	173047	9.60	PPBV	99
54)	1,2-DICHLOROPROPANE	9.25	63	179724	9.54	PPBV	99
55)	DIBROMOMETHANE	9.28	174	165885	10.27	PPBV	99
56)	ETHYL ACRYLATE	9.28	55	323337	9.79	PPBV	100
57)	BROMODICHLOROMETHANE	9.47	83	292444	9.90	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	751703	9.66	PPBV	100
59)	1,4-DIOXANE	9.53	88	89117	8.24	PPBV	98
60)	HEPTANE	9.67	43	288393	9.90	PPBV	99
61)	TVHC as EQUIV HEPTANE	9.68	TIC	1853842m	10.19	PPBV	
62)	METHYL METHACRYLATE	9.69	69	160633	10.12	PPBV	98
63)	METHYL ISOBUTYL KETONE	10.29	58	127421	9.66	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	239534	9.85	PPBV	99
65)	TOLUENE	11.23	92	295703	10.06	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	195600	10.02	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.97	83	149618	10.19	PPBV	100
69)	2-HEXANONE	11.48	58	170805	9.83	PPBV	100
70)	ETHYL METHACRYLATE	11.52	69	260181	10.25	PPBV	96
71)	TETRACHLOROETHYLENE	12.35	164	186307	9.69	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.66	129	281730	9.97	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	226900	9.95	PPBV	99
74)	OCTANE	12.15	43	383251	9.94	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.05	131	211301	10.16	PPBV	99
76)	CHLOROBENZENE	13.07	112	336534	9.77	PPBV	99
77)	ETHYLBENZENE	13.45	91	594800	9.80	PPBV	99
78)	m,p-XYLENE	13.63	106	432554	19.60	PPBV	99
79)	o-XYLENE	14.14	106	215935	10.05	PPBV	99
80)	STYRENE	14.04	104	309748	10.26	PPBV	99
81)	NONANE	14.34	43	377360	10.00	PPBV	99
82)	BROMOFORM	13.73	173	257637	9.96	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	345247	9.93	PPBV	99
85)	1,2,3-TRICHLOROPROPANE	14.29	75	254235	9.65	PPBV	100
86)	ISOPROPYLBENZENE	14.79	105	639765	10.03	PPBV	100
87)	BROMOBENZENE	14.90	77	282750	9.50	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	148524	10.16	PPBV	100
89)	n-PROPYLBENZENE	15.38	120	161063	10.11	PPBV	99
90)	4-ETHYLTOLUENE	15.55	105	522257	10.24	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	477905	10.23	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.87	118	223828	10.39	PPBV	99
93)	tert-BUTYLBENZENE	16.13	134	110233	10.13	PPBV	100
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	442487	10.18	PPBV	99
95)	m-DICHLOROBENZENE	16.34	146	268179	10.19	PPBV	100
96)	BENZYL CHLORIDE	16.34	91	352152	10.05	PPBV	100
97)	p-DICHLOROBENZENE	16.43	146	262243	9.98	PPBV	100
98)	sec-BUTYLBENZENE	16.48	134	128950	10.10	PPBV	99
99)	p-ISOPROPYLTOLUENE	16.68	134	138494	10.21	PPBV	99
100)	o-DICHLOROBENZENE	16.86	146	259465	10.10	PPBV	99
101)	n-BUTYLBENZENE	17.20	134	117621	10.23	PPBV	99
102)	HEXACHLOROETHANE	17.68	117	211125	9.74	PPBV	99
103)	HEXACHLOROBUTADIENE	19.51	225	198917	11.01	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.94	180	139436	10.32	PPBV	99
106)	NAPHTHALENE	19.08	128	255118	10.04	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W36949.D M3W1416.M Fri Nov 08 12:08:24 2013 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 12:54 2013 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

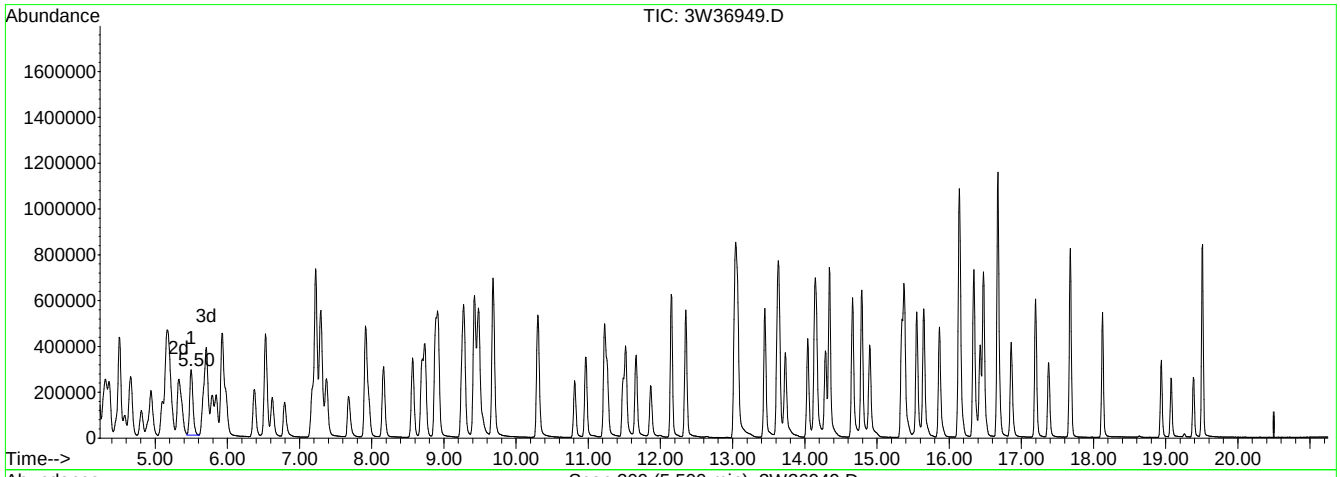


ACCUTEST LABORATORIES JB58146

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 12:54 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36949.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 10.21PPBV m

response 908262

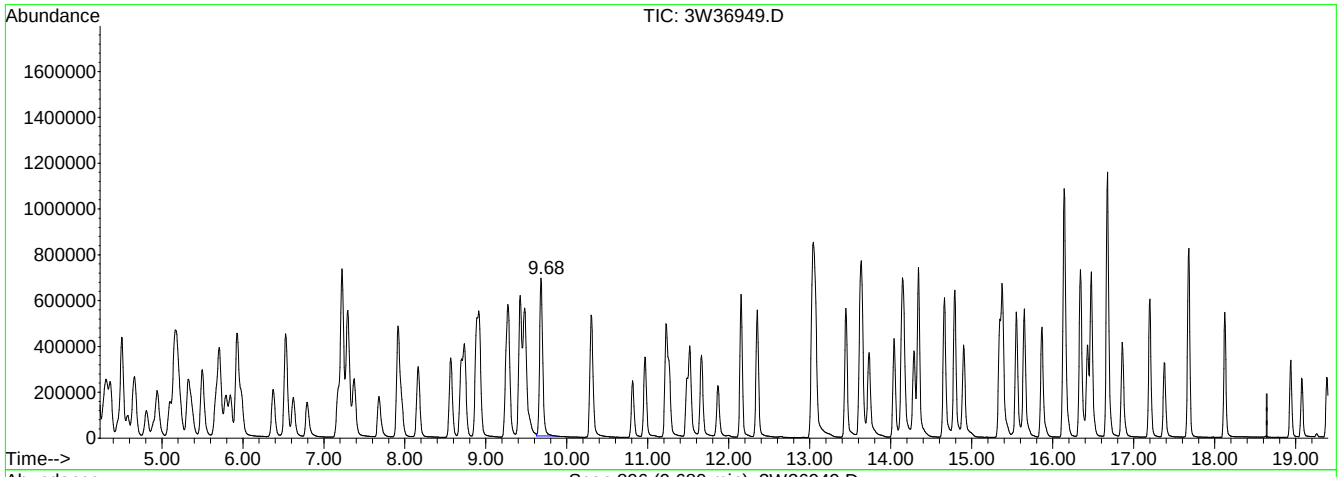
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	3.53#
0.00	3.40	3.06#
0.00	0.00	0.00

3W36949.D M3W1416.M Thu Nov 07 12:59:26 2013 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W36949.D Vial: 4
Acq On : 7 Nov 2013 10:56 am Operator: YOUMINH
Sample : ICV1416-10 Inst : MS3W
Misc : MS57713,V3W1416,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 12:54 2013 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration



TIC: 3W36949.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 10.19PPBV m

response 1853842

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.73#
0.00	1.60	1.50#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:29 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	101323	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	510529	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	251069	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	250630	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	298994	10.72	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 107.20%			
Target Compounds						Qvalue
3) FREON 152A	4.29	65	93103	10.40	PPBV	# 48
4) CHLORODIFLUOROMETHANE	4.31	67	36658	11.26	PPBV	# 100
5) DICHLORODIFLUOROMETHANE	4.38	85	339472	10.91	PPBV	99
6) PROPYLENE	4.33	41	134200	10.94	PPBV	98
7) FREON 114	4.51	85	355115	10.35	PPBV	96
8) CHLOROMETHANE	4.47	50	173553	11.08	PPBV	99
9) VINYL CHLORIDE	4.59	62	162245	10.95	PPBV	99
10) 1,3-BUTADIENE	4.65	54	115437	10.15	PPBV	95
11) n-BUTANE	4.68	43	277270	12.13	PPBV	# 95
12) BROMOMETHANE	4.82	94	134430	9.97	PPBV	99
13) CHLOROETHANE	4.90	64	83610	10.70	PPBV	98
14) DICHLOROFLUOROMETHANE	4.95	67	322728	10.60	PPBV	99
15) ACETONITRILE	5.12	41	112582	10.07	PPBV	97
16) FREON 123	5.17	83	322670	10.02	PPBV	100
17) FREON 123A	5.20	117	176417	9.77	PPBV	87
18) TRICHLOROFLUOROMETHANE	5.33	101	326742	10.62	PPBV	99
19) ISOPROPYL ALCOHOL	5.37	45	273535	9.73	PPBV	99
20) ACETONE	5.23	58	83974	11.51	PPBV	91
21) PENTANE	5.50	42	160490	10.69	PPBV	99
22) TVHC as EQUIV PENTANE	5.51	TIC	922791m	11.27	PPBV	
23) IODOMETHANE	5.67	142	329757	9.69	PPBV	93
24) 1,1-DICHLOROETHYLENE	5.71	96	129977	9.55	PPBV	89
25) CARBON DISULFIDE	5.99	76	387487	9.60	PPBV	97
26) ETHANOL	4.98	45	61509	9.38	PPBV	96
27) BROMOETHENE	5.11	106	133891	10.17	PPBV	99
28) ACRYLONITRILE	5.52	52	88198	10.63	PPBV	99
29) METHYLENE CHLORIDE	5.80	84	121903	8.48	PPBV	89
30) 3-CHLOROPROPENE	5.85	76	63136	10.32	PPBV	93
31) FREON 113	5.93	151	215506	9.79	PPBV	95
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	127431	9.91	PPBV	95
33) TERTIARY BUTYL ALCOHOL	5.73	59	310545	9.95	PPBV	94
34) METHYL TERTIARY BUTYL ETHE	6.53	73	370405	9.56	PPBV	98
35) TETRAHYDROFURAN	7.68	72	65324	9.81	PPBV	96
36) HEXANE	7.22	57	232794	9.86	PPBV	99
37) VINYL ACETATE	6.63	86	27991	9.70	PPBV	# 92
38) 1,1-DICHLOROETHANE	6.53	63	256230	9.95	PPBV	100
39) METHYL ETHYL KETONE	6.80	72	63908	9.63	PPBV	95
40) cis-1,2-DICHLOROETHYLENE	7.18	96	131906	9.74	PPBV	96
41) DIISOPROPYL ETHER	7.23	45	520044	9.63	PPBV	100
42) ETHYL ACETATE	7.30	61	49846	9.51	PPBV	95
43) METHYL ACRYLATE	7.31	55	224165	9.16	PPBV	99
44) CHLOROFORM	7.37	83	263673	9.91	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.92	57	277443	9.84	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	265767	10.06	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	270876	10.35	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	159185	10.54	PPBV	99
50) BENZENE	8.57	78	408060	9.53	PPBV	99
51) CYCLOHEXANE	8.74	84	218921	9.99	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W38126.D M3W1416.M Tue Jan 07 14:14:27 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:29 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

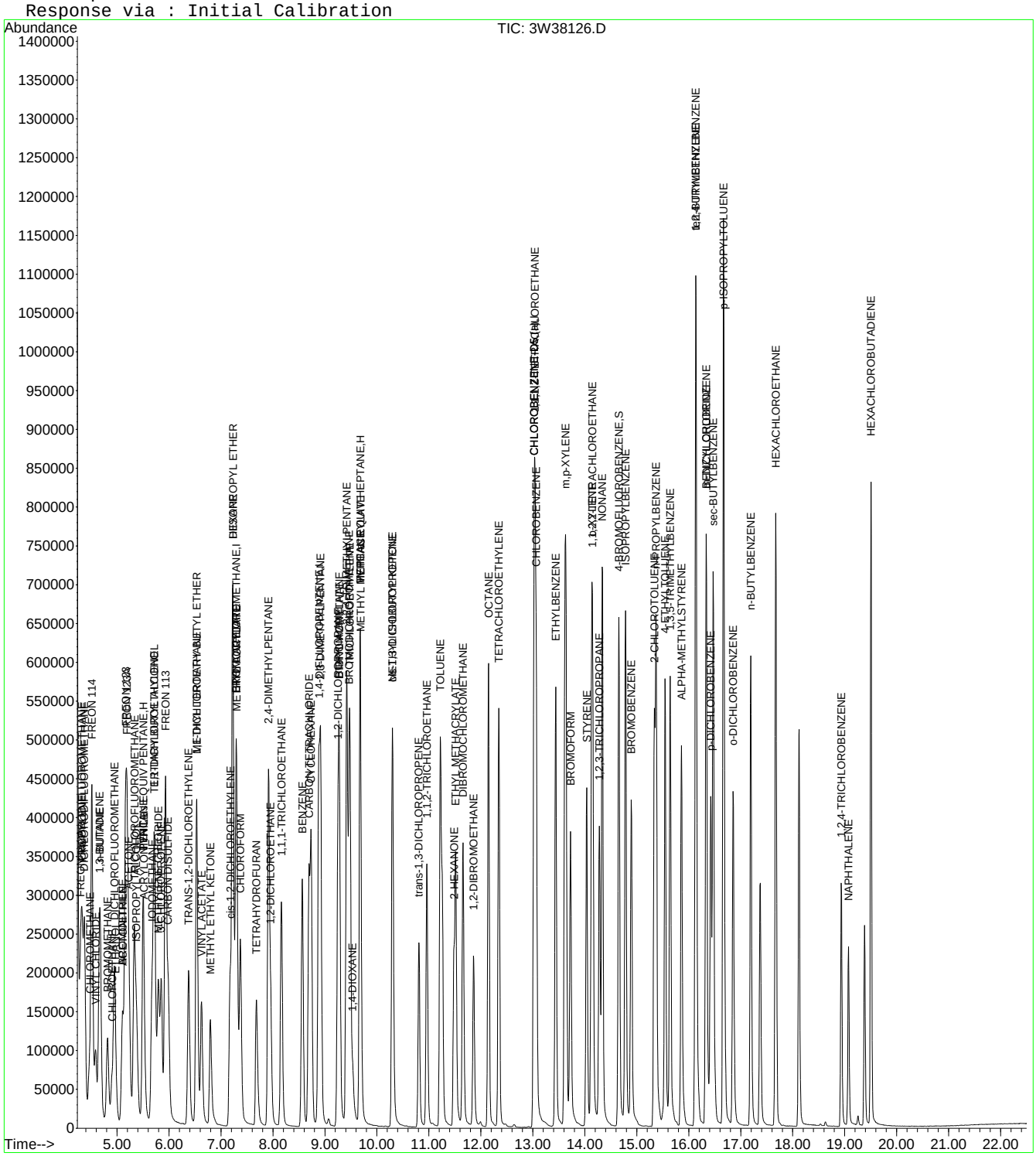
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.91	71	97541	9.24	PPBV	100
53)	TRICHLOROETHYLENE	9.49	95	161250	9.51	PPBV	98
54)	1,2-DICHLOROPROPANE	9.25	63	165324	9.32	PPBV	99
55)	DIBROMOMETHANE	9.27	174	148541	9.77	PPBV	97
56)	ETHYL ACRYLATE	9.28	55	278598	8.96	PPBV	99
57)	BROMODICHLOROMETHANE	9.46	83	271514	9.77	PPBV	99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	700978	9.57	PPBV	100
59)	1,4-DIOXANE	9.53	88	73862	7.26	PPBV	98
60)	HEPTANE	9.67	43	271098	9.88	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.68	TIC	1728278m	10.10	PPBV	
62)	METHYL METHACRYLATE	9.69	69	138026	9.24	PPBV	92
63)	METHYL ISOBUTYL KETONE	10.29	58	109051	8.78	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	225398	9.85	PPBV	99
65)	TOLUENE	11.22	92	288144	10.42	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	186953	10.17	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.96	83	137200	9.93	PPBV	99
69)	2-HEXANONE	11.48	58	141585	8.57	PPBV	100
70)	ETHYL METHACRYLATE	11.52	69	215994	8.95	PPBV	95
71)	TETRACHLOROETHYLENE	12.34	164	171249	9.37	PPBV	97
72)	DIBROMOCHLOROMETHANE	11.66	129	266503	9.92	PPBV	99
73)	1,2-DIBROMOETHANE	11.86	107	211733	9.77	PPBV	100
74)	OCTANE	12.15	43	355366	9.70	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	197145	9.97	PPBV	100
76)	CHLOROBENZENE	13.07	112	324439	9.90	PPBV	99
77)	ETHYLBENZENE	13.44	91	546310	9.46	PPBV	99
78)	m,p-XYLENE	13.63	106	415743	19.81	PPBV	98
79)	o-XYLENE	14.13	106	204143	10.00	PPBV	98
80)	STYRENE	14.04	104	291396	10.15	PPBV	99
81)	NONANE	14.33	43	349316	9.74	PPBV	99
82)	BROMOFORM	13.73	173	246197	10.01	PPBV	99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	314795	9.52	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.28	75	241173	9.63	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	598400	9.87	PPBV	99
87)	BROMOBENZENE	14.89	77	263761	9.32	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	145795	10.49	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	156010	10.30	PPBV	99
90)	4-ETHYLTOLUENE	15.54	105	512033	10.56	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	444581	10.01	PPBV	98
92)	ALPHA-METHYLSTYRENE	15.86	118	211941	10.34	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	106192	10.26	PPBV	98
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	426092	10.31	PPBV	100
95)	m-DICHLOROBENZENE	16.34	146	261779	10.46	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	337642	10.13	PPBV	99
97)	p-DICHLOROBENZENE	16.43	146	253606	10.15	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	126387	10.41	PPBV	98
99)	p-ISOPROPYLTOLUENE	16.67	134	136776	10.60	PPBV	100
100)	o-DICHLOROBENZENE	16.85	146	252352	10.33	PPBV	98
101)	n-BUTYLBENZENE	17.19	134	115751	10.59	PPBV	96
102)	HEXACHLOROETHANE	17.67	117	202680	9.84	PPBV	98
103)	HEXACHLOROBUTADIENE	19.50	225	186264	10.84	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	131598	10.24	PPBV	100
106)	NAPHTHALENE	19.07	128	221872	9.16	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38126.D M3W1416.M Tue Jan 07 14:14:27 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

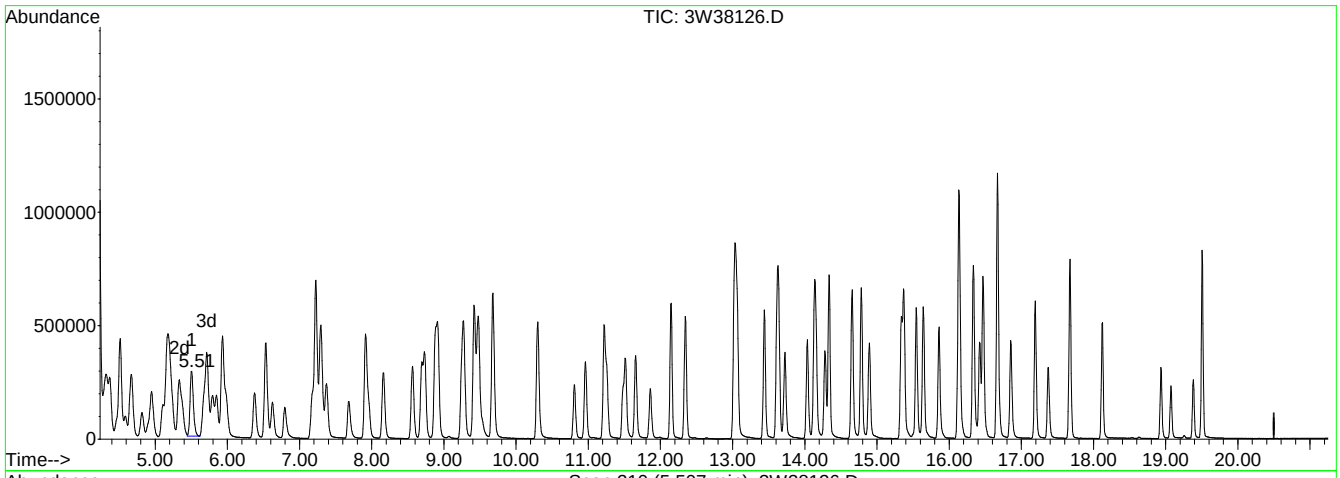


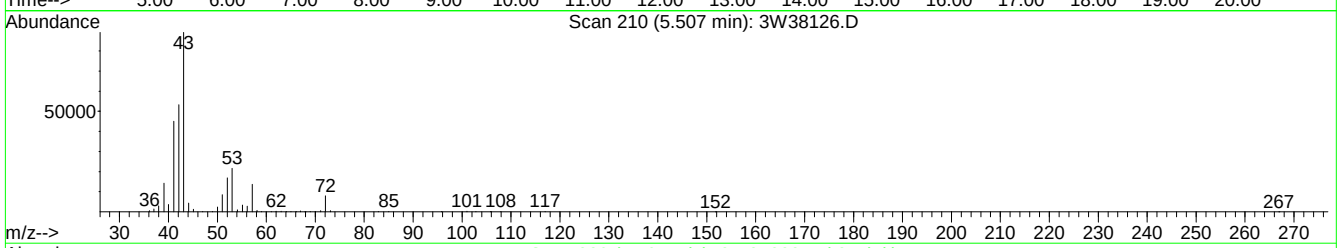
ACCUTEST LABORATORIES JB58146

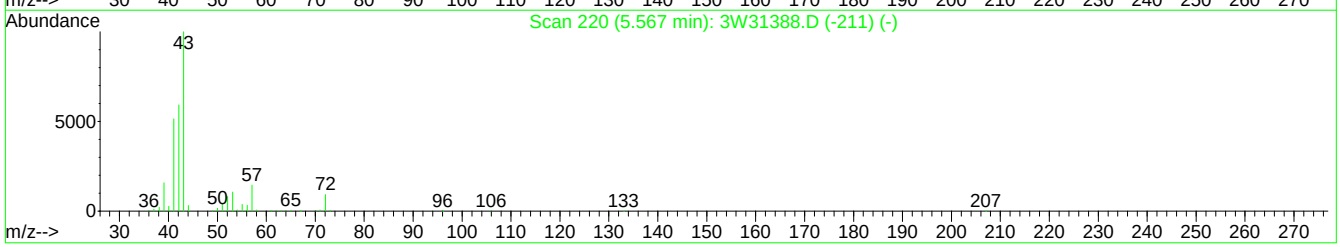
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38126.D

(22) TVHC as EQUIV PENTANE (H)

5.51min 11.27PPBV m

response 922791

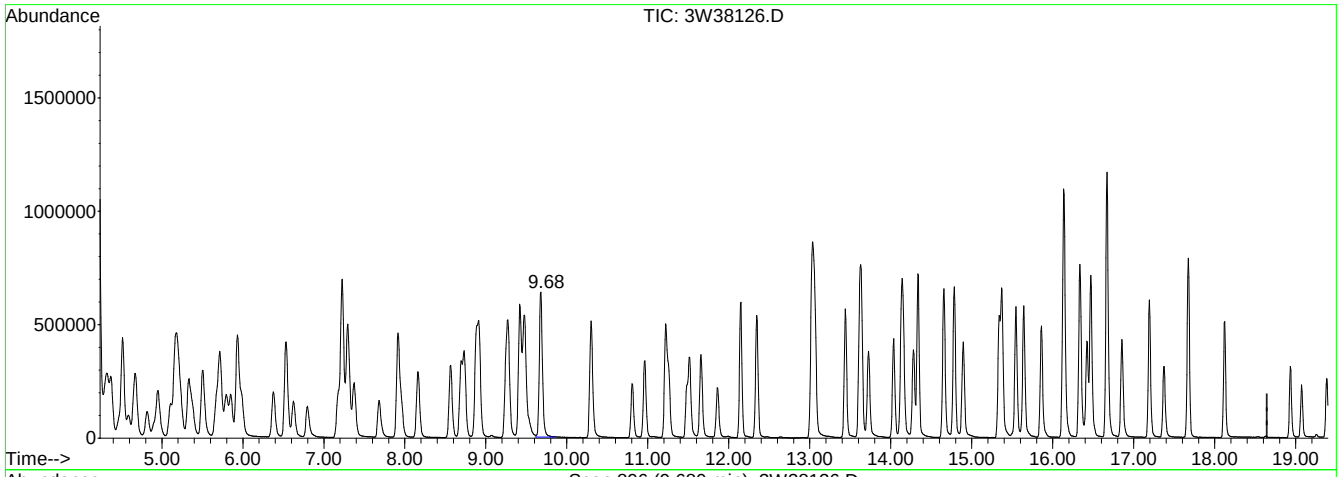
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	3.09#
0.00	3.40	2.55#
0.00	0.00	0.00

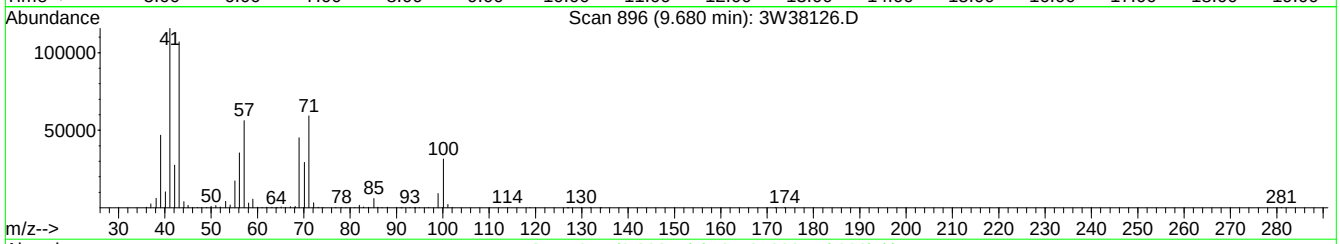
3W38126.D M3W1416.M Tue Jan 07 14:14:48 2014 MS3W

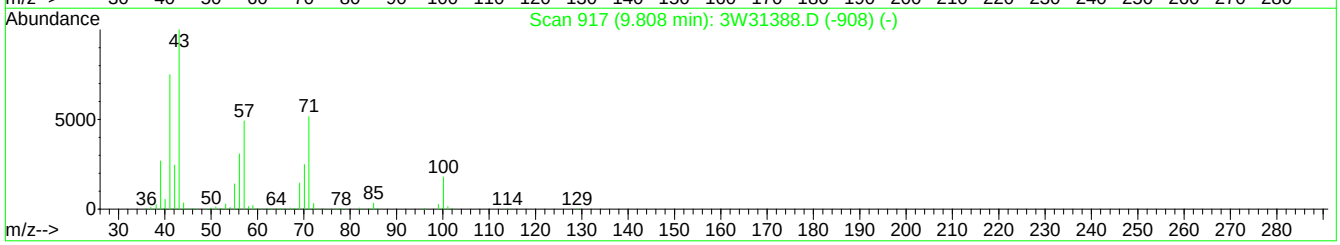
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38126.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 10.10PPBV m

response 1728278

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.65#
0.00	1.60	1.36#
0.00	0.00	0.00

3W38126.D M3W1416.M Tue Jan 07 14:16:59 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:29 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	101323	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.88	114	510529	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.02	82	251069	10.00	PPBV	-0.01
105) CHLOROBENZENE-D5 (a)	13.02	82	250630	10.00	PPBV	-0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	298994	10.72	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 107.20%			
Target Compounds						Qvalue
3) FREON 152A	4.29	65	93103	10.40	PPBV	# 48
4) CHLORODIFLUOROMETHANE	4.31	67	36658	11.26	PPBV	# 100
5) DICHLORODIFLUOROMETHANE	4.38	85	339472	10.91	PPBV	99
6) PROPYLENE	4.33	41	134200	10.94	PPBV	98
7) FREON 114	4.51	85	355115	10.35	PPBV	96
8) CHLOROMETHANE	4.47	50	173553	11.08	PPBV	99
9) VINYL CHLORIDE	4.59	62	162245	10.95	PPBV	99
10) 1,3-BUTADIENE	4.65	54	115437	10.15	PPBV	95
11) n-BUTANE	4.68	43	277270	12.13	PPBV	# 95
12) BROMOMETHANE	4.82	94	134430	9.97	PPBV	99
13) CHLOROETHANE	4.90	64	83610	10.70	PPBV	98
14) DICHLOROFLUOROMETHANE	4.95	67	322728	10.60	PPBV	99
15) ACETONITRILE	5.12	41	112582	10.07	PPBV	97
16) FREON 123	5.17	83	322670	10.02	PPBV	100
17) FREON 123A	5.20	117	176417	9.77	PPBV	87
18) TRICHLOROFLUOROMETHANE	5.33	101	326742	10.62	PPBV	99
19) ISOPROPYL ALCOHOL	5.37	45	273535	9.73	PPBV	99
20) ACETONE	5.23	58	83974	11.51	PPBV	91
21) PENTANE	5.50	42	160490	10.69	PPBV	99
22) TVHC as EQUIV PENTANE	5.51	TIC	922791m	11.27	PPBV	
23) IODOMETHANE	5.67	142	329757	9.69	PPBV	93
24) 1,1-DICHLOROETHYLENE	5.71	96	129977	9.55	PPBV	89
25) CARBON DISULFIDE	5.99	76	387487	9.60	PPBV	97
26) ETHANOL	4.98	45	61509	9.38	PPBV	96
27) BROMOETHENE	5.11	106	133891	10.17	PPBV	99
28) ACRYLONITRILE	5.52	52	88198	10.63	PPBV	99
29) METHYLENE CHLORIDE	5.80	84	121903	8.48	PPBV	89
30) 3-CHLOROPROPENE	5.85	76	63136	10.32	PPBV	93
31) FREON 113	5.93	151	215506	9.79	PPBV	95
32) TRANS-1,2-DICHLOROETHYLENE	6.38	96	127431	9.91	PPBV	95
33) TERTIARY BUTYL ALCOHOL	5.73	59	310545	9.95	PPBV	94
34) METHYL TERTIARY BUTYL ETHE	6.53	73	370405	9.56	PPBV	98
35) TETRAHYDROFURAN	7.68	72	65324	9.81	PPBV	96
36) HEXANE	7.22	57	232794	9.86	PPBV	99
37) VINYL ACETATE	6.63	86	27991	9.70	PPBV	# 92
38) 1,1-DICHLOROETHANE	6.53	63	256230	9.95	PPBV	100
39) METHYL ETHYL KETONE	6.80	72	63908	9.63	PPBV	95
40) cis-1,2-DICHLOROETHYLENE	7.18	96	131906	9.74	PPBV	96
41) DIISOPROPYL ETHER	7.23	45	520044	9.63	PPBV	100
42) ETHYL ACETATE	7.30	61	49846	9.51	PPBV	95
43) METHYL ACRYLATE	7.31	55	224165	9.16	PPBV	99
44) CHLOROFORM	7.37	83	263673	9.91	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.92	57	277443	9.84	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.17	97	265767	10.06	PPBV	99
47) CARBON TETRACHLORIDE	8.69	117	270876	10.35	PPBV	100
48) 1,2-DICHLOROETHANE	7.96	62	159185	10.54	PPBV	99
50) BENZENE	8.57	78	408060	9.53	PPBV	99
51) CYCLOHEXANE	8.74	84	218921	9.99	PPBV	99

(#) = qualifier out of range (m) = manual integration
3W38126.D M3W1416.M Tue Jan 07 14:14:27 2014 MS3W

ACCUTEST LABORATORIES JB58146

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 07 14:07:29 2014 Quant Results File: M3W1416.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration
DataAcq Meth : TO153W

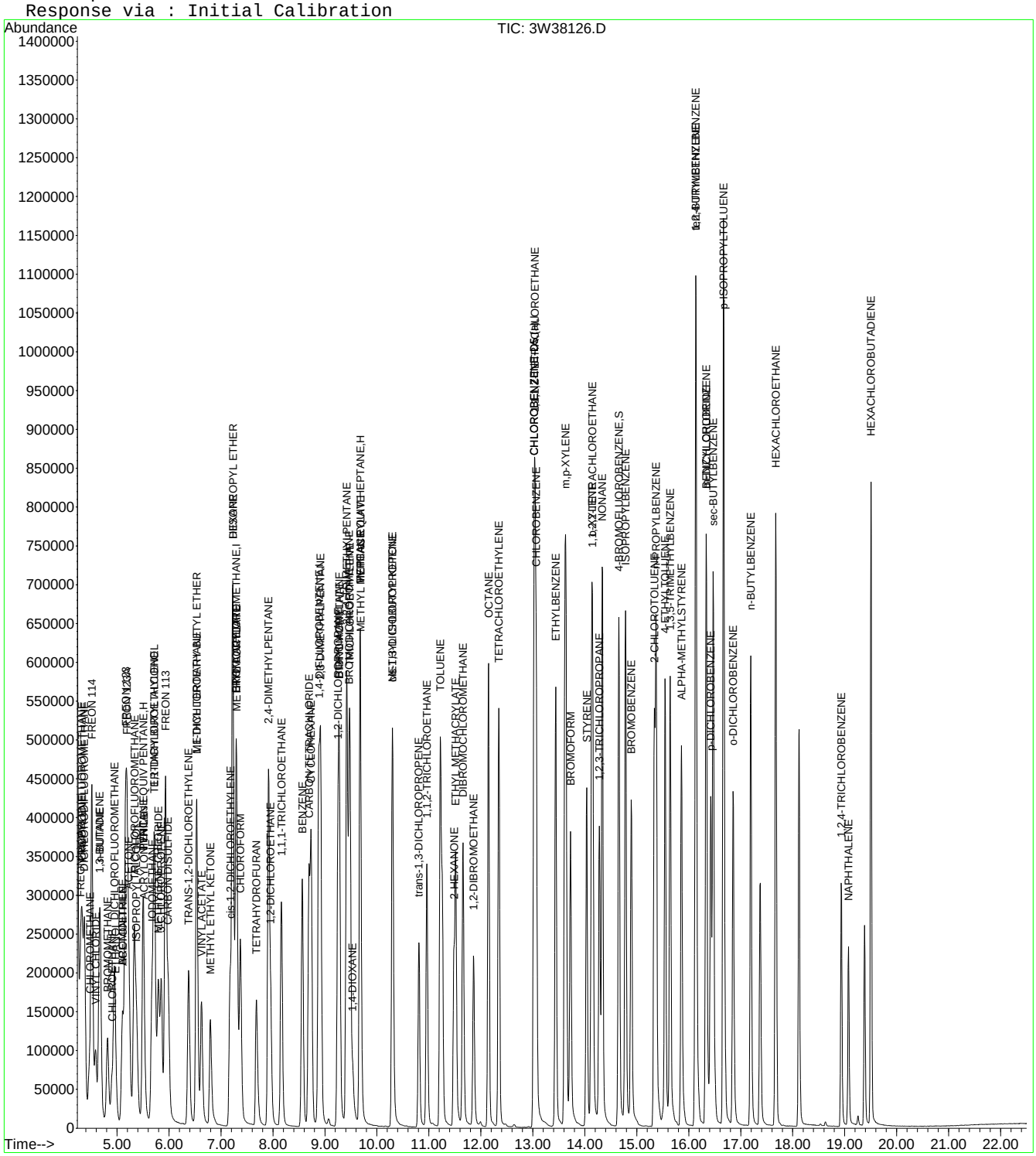
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
52)	2,3-DIMETHYLPENTANE	8.91	71	97541	9.24	PPBV	100
53)	TRICHLOROETHYLENE	9.49	95	161250	9.51	PPBV	98
54)	1,2-DICHLOROPROPANE	9.25	63	165324	9.32	PPBV	99
55)	DIBROMOMETHANE	9.27	174	148541	9.77	PPBV	97
56)	ETHYL ACRYLATE	9.28	55	278598	8.96	PPBV	99
57)	BROMODICHLOROMETHANE	9.46	83	271514	9.77	PPBV	99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	700978	9.57	PPBV	100
59)	1,4-DIOXANE	9.53	88	73862	7.26	PPBV	98
60)	HEPTANE	9.67	43	271098	9.88	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.68	TIC	1728278m	10.10	PPBV	
62)	METHYL METHACRYLATE	9.69	69	138026	9.24	PPBV	92
63)	METHYL ISOBUTYL KETONE	10.29	58	109051	8.78	PPBV	99
64)	cis-1,3-DICHLOROPROPENE	10.31	75	225398	9.85	PPBV	99
65)	TOLUENE	11.22	92	288144	10.42	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.81	75	186953	10.17	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.96	83	137200	9.93	PPBV	99
69)	2-HEXANONE	11.48	58	141585	8.57	PPBV	100
70)	ETHYL METHACRYLATE	11.52	69	215994	8.95	PPBV	95
71)	TETRACHLOROETHYLENE	12.34	164	171249	9.37	PPBV	97
72)	DIBROMOCHLOROMETHANE	11.66	129	266503	9.92	PPBV	99
73)	1,2-DIBROMOETHANE	11.86	107	211733	9.77	PPBV	100
74)	OCTANE	12.15	43	355366	9.70	PPBV	99
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	197145	9.97	PPBV	100
76)	CHLOROBENZENE	13.07	112	324439	9.90	PPBV	99
77)	ETHYLBENZENE	13.44	91	546310	9.46	PPBV	99
78)	m,p-XYLENE	13.63	106	415743	19.81	PPBV	98
79)	o-XYLENE	14.13	106	204143	10.00	PPBV	98
80)	STYRENE	14.04	104	291396	10.15	PPBV	99
81)	NONANE	14.33	43	349316	9.74	PPBV	99
82)	BROMOFORM	13.73	173	246197	10.01	PPBV	99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	314795	9.52	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.28	75	241173	9.63	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	598400	9.87	PPBV	99
87)	BROMOBENZENE	14.89	77	263761	9.32	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	145795	10.49	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	156010	10.30	PPBV	99
90)	4-ETHYLTOLUENE	15.54	105	512033	10.56	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	444581	10.01	PPBV	98
92)	ALPHA-METHYLSTYRENE	15.86	118	211941	10.34	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	106192	10.26	PPBV	98
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	426092	10.31	PPBV	100
95)	m-DICHLOROBENZENE	16.34	146	261779	10.46	PPBV	99
96)	BENZYL CHLORIDE	16.34	91	337642	10.13	PPBV	99
97)	p-DICHLOROBENZENE	16.43	146	253606	10.15	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	126387	10.41	PPBV	98
99)	p-ISOPROPYLTOLUENE	16.67	134	136776	10.60	PPBV	100
100)	o-DICHLOROBENZENE	16.85	146	252352	10.33	PPBV	98
101)	n-BUTYLBENZENE	17.19	134	115751	10.59	PPBV	96
102)	HEXACHLOROETHANE	17.67	117	202680	9.84	PPBV	98
103)	HEXACHLOROBUTADIENE	19.50	225	186264	10.84	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	131598	10.24	PPBV	100
106)	NAPHTHALENE	19.07	128	221872	9.16	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38126.D M3W1416.M Tue Jan 07 14:14:27 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: M3W1416.RES

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Initial Calibration

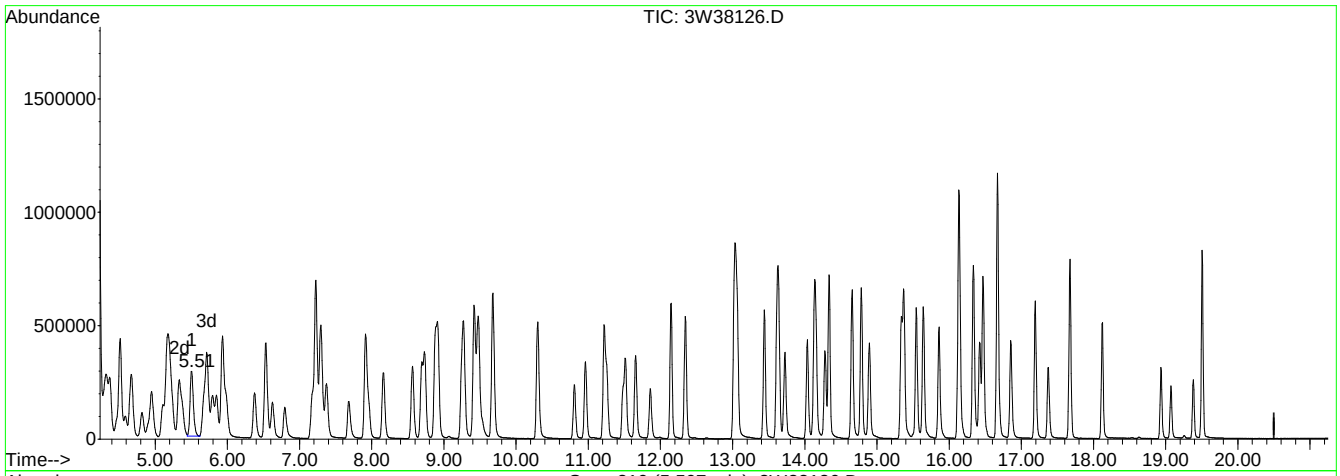


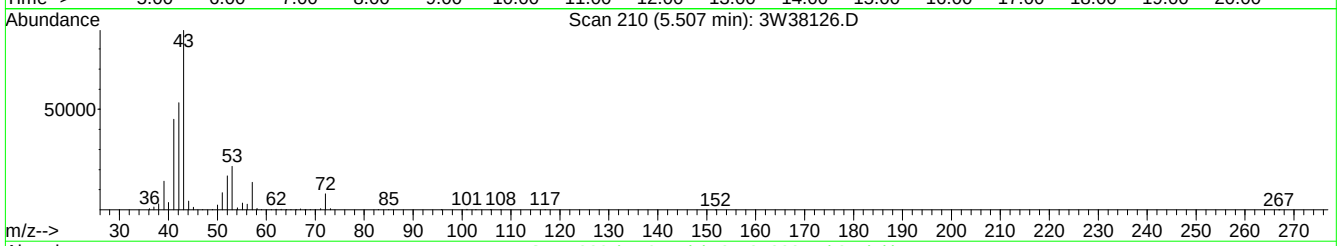
ACCUTEST LABORATORIES JB58146

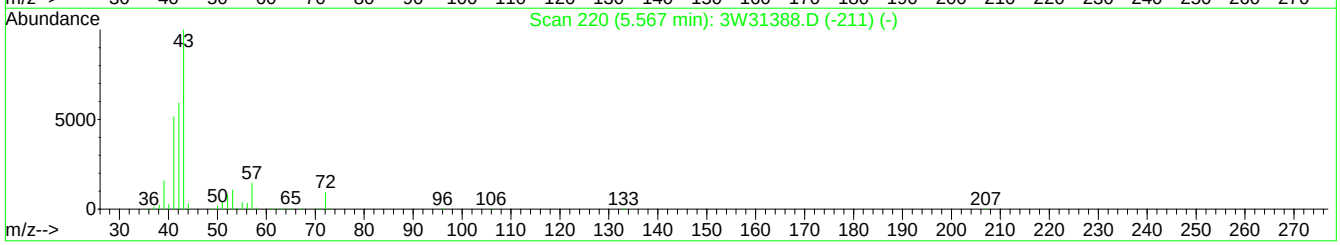
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38126.D

(22) TVHC as EQUIV PENTANE (H)

5.51min 11.27PPBV m

response 922791

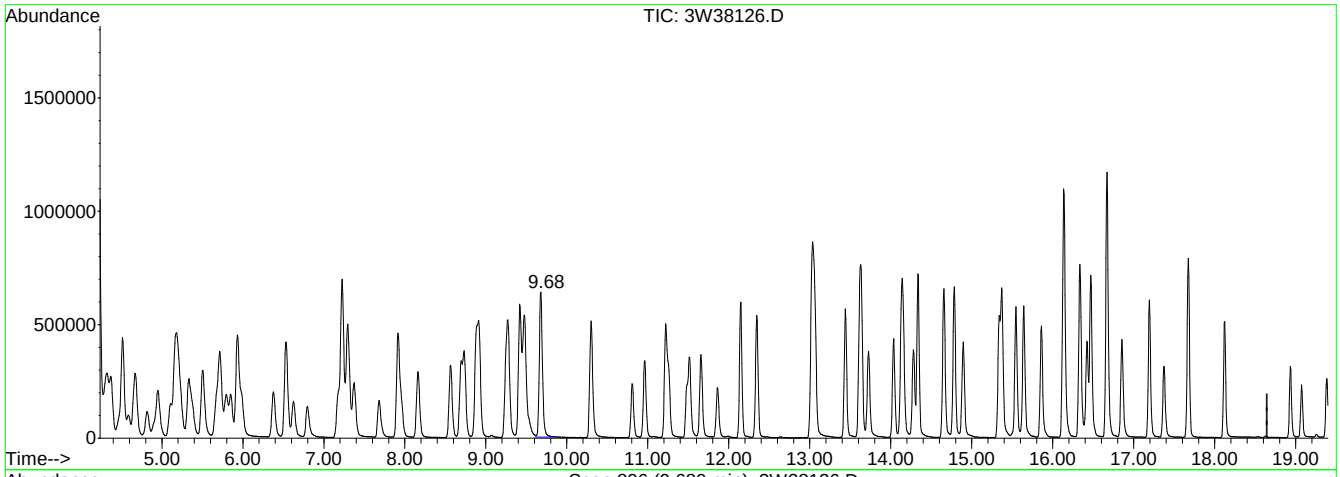
Signal	Exp%	Act%
TIC	100	100
0.00	3.90	3.09#
0.00	3.40	2.55#
0.00	0.00	0.00

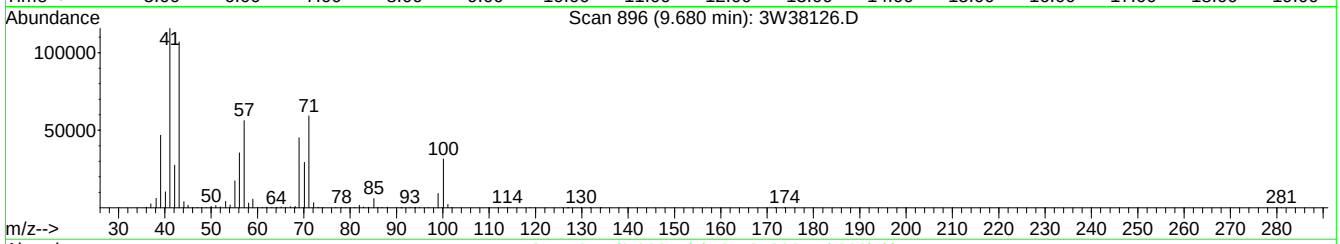
3W38126.D M3W1416.M Tue Jan 07 14:14:48 2014 MS3W

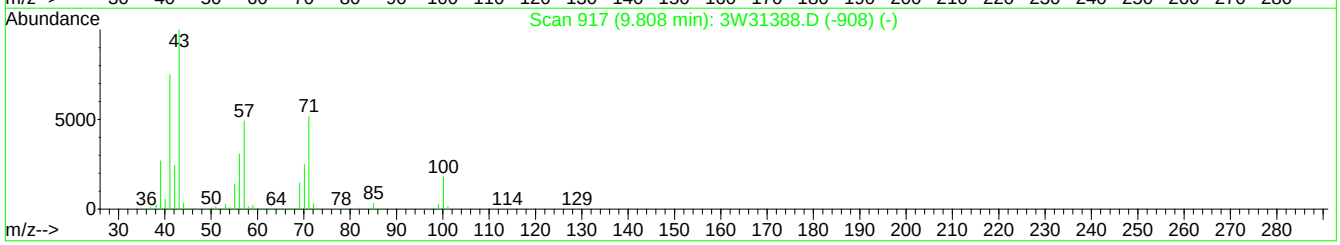
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38126.D Vial: 2
Acq On : 7 Jan 2014 9:48 am Operator: YOUMINH
Sample : CC1416-10 Inst : MS3W
Misc : MS61149,V3W1456,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 7 14:08 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1416.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Nov 07 10:38:09 2013
Response via : Multiple Level Calibration







TIC: 3W38126.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 10.10PPBV m

response 1728278

Signal	Exp%	Act%
TIC	100	100
0.00	1.90	1.65#
0.00	1.60	1.36#
0.00	0.00	0.00

3W38126.D M3W1416.M Tue Jan 07 14:16:59 2014 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 01/17/14 15:35

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:41:59 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	140954	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	744677	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.01	82	341487	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.64	95	384456	9.76	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 97.60%				
Target Compounds							Qvalue
3) FREON 152A	4.28	65	7230	0.54	PPBV		97
4) CHLORODIFLUOROMETHANE	4.30	67	2612	0.58	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	23864	0.51	PPBV		97
6) PROPYLENE	4.33	41	10470	0.53	PPBV		99
7) FREON 114	4.50	85	26432	0.52	PPBV		99
8) CHLOROMETHANE	4.46	50	12966	0.52	PPBV		98
9) VINYL CHLORIDE	4.58	62	11908	0.50	PPBV		97
10) 1,3-BUTADIENE	4.64	54	8785	0.51	PPBV		98
11) n-BUTANE	4.66	43	18687m	0.52	PPBV		
12) BROMOMETHANE	4.80	94	10310	0.52	PPBV		98
13) CHLOROETHANE	4.89	64	6320	0.51	PPBV		99
14) DICHLOROFLUOROMETHANE	4.93	67	22657	0.50	PPBV		96
15) ACETONITRILE	5.12	41	7630m	0.50	PPBV		
16) FREON 123	5.15	83	23785	0.54	PPBV		100
17) FREON 123A	5.18	117	12933	0.52	PPBV		93
18) TRICHLOROFLUOROMETHANE	5.32	101	22524	0.52	PPBV		100
19) ISOPROPYL ALCOHOL	5.38	45	26530	0.61	PPBV		96
20) ACETONE	5.24	58	6774	0.62	PPBV		90
21) PENTANE	5.48	42	11630	0.50	PPBV		97
22) TVHC as EQUIV PENTANE	5.49	TIC	64881m	0.54	PPBV		
23) IODOMETHANE	5.66	142	23052	0.52	PPBV		100
24) 1,1-DICHLOROETHYLENE	5.70	96	9684	0.52	PPBV		99
25) CARBON DISULFIDE	5.97	76	27327	0.50	PPBV		97
26) ETHANOL	4.97	45	8029	0.82	PPBV		95
27) BROMOETHENE	5.09	106	9664	0.52	PPBV		97
28) ACRYLONITRILE	5.52	52	6492	0.56	PPBV	#	86
29) METHYLENE CHLORIDE	5.78	84	10864	0.59	PPBV		93
30) 3-CHLOROPROPENE	5.84	76	4252	0.49	PPBV	#	88
31) FREON 113	5.92	151	15346	0.53	PPBV		98
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	8769	0.50	PPBV		98
33) TERTIARY BUTYL ALCOHOL	5.73	59	24304	0.55	PPBV		96
34) METHYL TERTIARY BUTYL ETHE	6.53	73	27017	0.51	PPBV		97
35) TETRAHYDROFURAN	7.70	72	4745	0.50	PPBV		94
36) HEXANE	7.21	57	16890	0.52	PPBV		99
37) VINYL ACETATE	6.63	86	1983	0.49	PPBV	#	93
38) 1,1-DICHLOROETHANE	6.52	63	19327	0.53	PPBV		99
39) METHYL ETHYL KETONE	6.80	72	5807	0.59	PPBV		99
40) cis-1,2-DICHLOROETHYLENE	7.16	96	8851	0.49	PPBV		98
41) DIISOPROPYL ETHER	7.23	45	40638	0.53	PPBV		98
42) ETHYL ACETATE	7.30	61	4287	0.59	PPBV	#	92
43) METHYL ACRYLATE	7.31	55	18578	0.56	PPBV	#	78
44) CHLOROFORM	7.36	83	17906	0.50	PPBV	#	73
45) 2,4-DIMETHYLPENTANE	7.90	57	20478	0.50	PPBV		98
46) 1,1,1-TRICHLOROETHANE	8.15	97	17676	0.51	PPBV		99
47) CARBON TETRACHLORIDE	8.68	117	17225	0.51	PPBV		98
48) 1,2-DICHLOROETHANE	7.95	62	10158	0.49	PPBV		99
50) BENZENE	8.55	78	28955	0.50	PPBV		99
51) CYCLOHEXANE	8.72	84	16272	0.51	PPBV		96
52) 2,3-DIMETHYLPENTANE	8.91	71	7854	0.51	PPBV	#	27

(#) = qualifier out of range (m) = manual integration
3W38287.D M3W1462.M Thu Jan 16 12:23:33 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:41:59 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

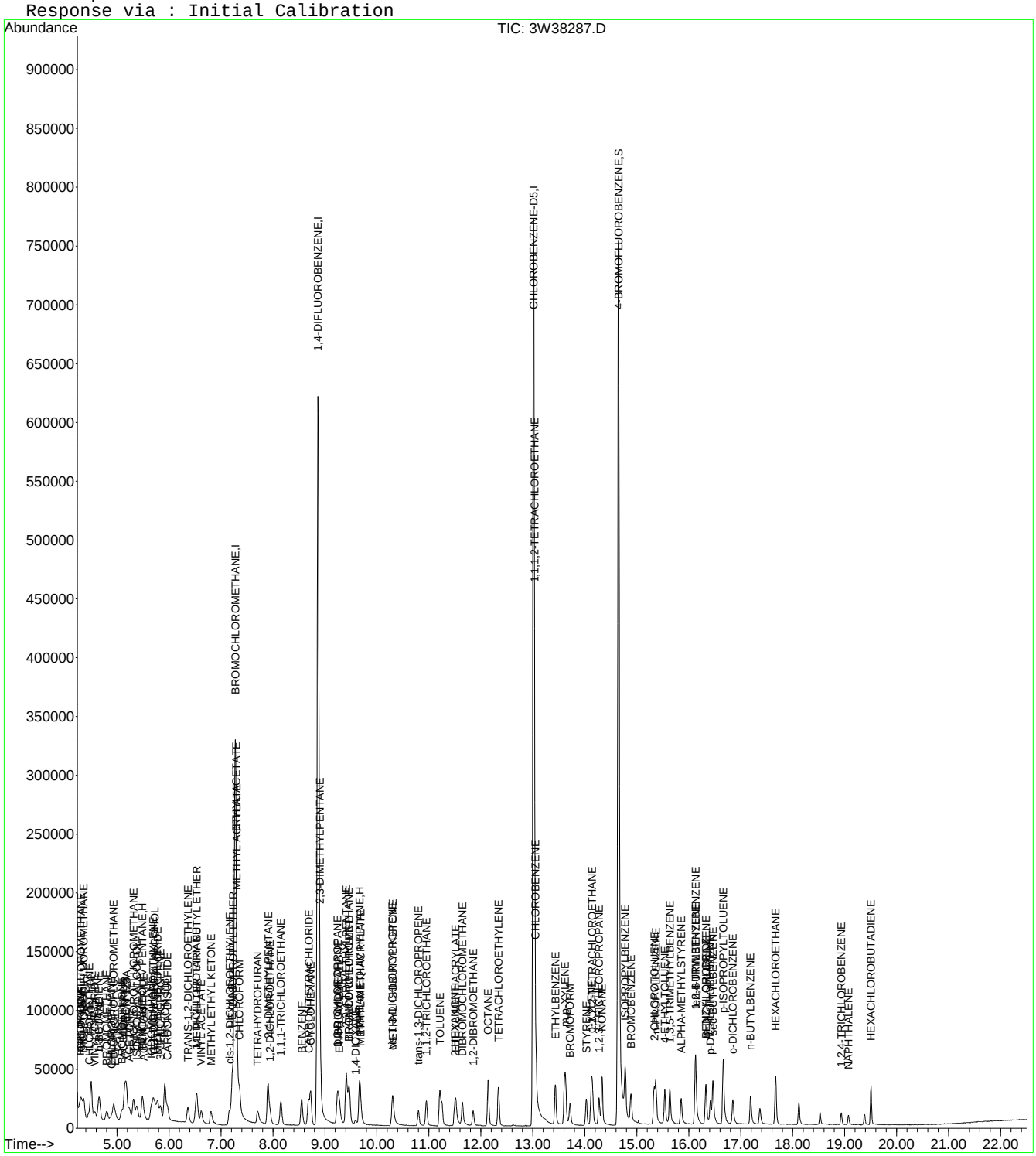
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	TRICHLOROETHYLENE	9.47	95	10427	0.47	PPBV		98
54)	1,2-DICHLOROPROPANE	9.24	63	11248	0.50	PPBV		99
55)	DIBROMOMETHANE	9.26	174	8817	0.50	PPBV		94
56)	ETHYL ACRYLATE	9.28	55	20295	0.50	PPBV	#	94
57)	BROMODICHLOROMETHANE	9.45	83	16742	0.49	PPBV		97
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	52856	0.51	PPBV		99
59)	1,4-DIOXANE	9.59	88	5498	0.42	PPBV		90
60)	HEPTANE	9.66	43	20420	0.49	PPBV		94
61)	TVHC as EQUIV HEPTANE	9.67	TIC	117084m	0.50	PPBV		
62)	METHYL METHACRYLATE	9.69	69	10027	0.53	PPBV		96
63)	METHYL ISOBUTYL KETONE	10.31	58	7501	0.46	PPBV		98
64)	cis-1,3-DICHLOROPROPENE	10.29	75	13550	0.47	PPBV		95
65)	TOLUENE	11.21	92	17752	0.49	PPBV		98
66)	trans-1,3-DICHLOROPROPENE	10.80	75	10209	0.44	PPBV		100
67)	1,1,2-TRICHLOROETHANE	10.95	83	9030	0.50	PPBV		98
69)	2-HEXANONE	11.49	58	11786	0.57	PPBV		99
70)	ETHYL METHACRYLATE	11.52	69	15302	0.53	PPBV		92
71)	TETRACHLOROETHYLENE	12.34	164	10905	0.54	PPBV		96
72)	DIBROMOCHLOROMETHANE	11.64	129	13899	0.49	PPBV		99
73)	1,2-DIBROMOETHANE	11.85	107	12570	0.51	PPBV		100
74)	OCTANE	12.14	43	24483	0.50	PPBV		98
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	11296	0.52	PPBV		100
76)	CHLOROBENZENE	13.06	112	19868	0.51	PPBV	#	76
77)	ETHYLBENZENE	13.43	91	33779	0.52	PPBV		97
78)	m,p-XYLENE	13.63	106	24629	1.03	PPBV		99
79)	o-XYLENE	14.12	106	12842	0.55	PPBV		95
80)	STYRENE	14.03	104	15503	0.48	PPBV		98
81)	NONANE	14.33	43	22042	0.52	PPBV		97
82)	BROMOFORM	13.72	173	11462	0.46	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	19451	0.52	PPBV		97
85)	1,2,3-TRICHLOROPROPANE	14.27	75	15381	0.52	PPBV		96
86)	ISOPROPYLBENZENE	14.78	105	35759	0.52	PPBV		99
87)	BROMOBENZENE	14.89	77	15825	0.48	PPBV		99
88)	2-CHLOROTOLUENE	15.33	126	8320	0.51	PPBV		100
89)	n-PROPYLBENZENE	15.37	120	8684	0.49	PPBV		97
90)	4-ETHYLTOLUENE	15.54	105	26570	0.47	PPBV		96
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	24513	0.50	PPBV		99
92)	ALPHA-METHYLSTYRENE	15.85	118	10041	0.42	PPBV		98
93)	tert-BUTYLBENZENE	16.12	134	6284	0.51	PPBV		98
94)	1,2,4-TRIMETHYLBENZENE	16.13	105	23496	0.50	PPBV		96
95)	m-DICHLOROBENZENE	16.33	146	12434	0.44	PPBV		99
96)	BENZYL CHLORIDE	16.34	91	14024	0.38	PPBV		98
97)	p-DICHLOROBENZENE	16.42	146	12555	0.45	PPBV		97
98)	sec-BUTYLBENZENE	16.47	134	6866	0.47	PPBV	#	86
99)	p-ISOPROPYLTOLUENE	16.66	134	6954	0.47	PPBV		92
100)	o-DICHLOROBENZENE	16.85	146	13323	0.47	PPBV		98
101)	n-BUTYLBENZENE	17.19	134	4945	0.39	PPBV		93
102)	HEXACHLOROETHANE	17.67	117	10041	0.47	PPBV		94
103)	HEXACHLOROBUTADIENE	19.50	225	7846	0.42	PPBV		98
104)	1,2,4-TRICHLOROBENZENE	18.94	180	4303	0.30	PPBV		95
105)	NAPHTHALENE	19.07	128	8831	0.32	PPBV		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:43 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Manual Integration Approval Summary

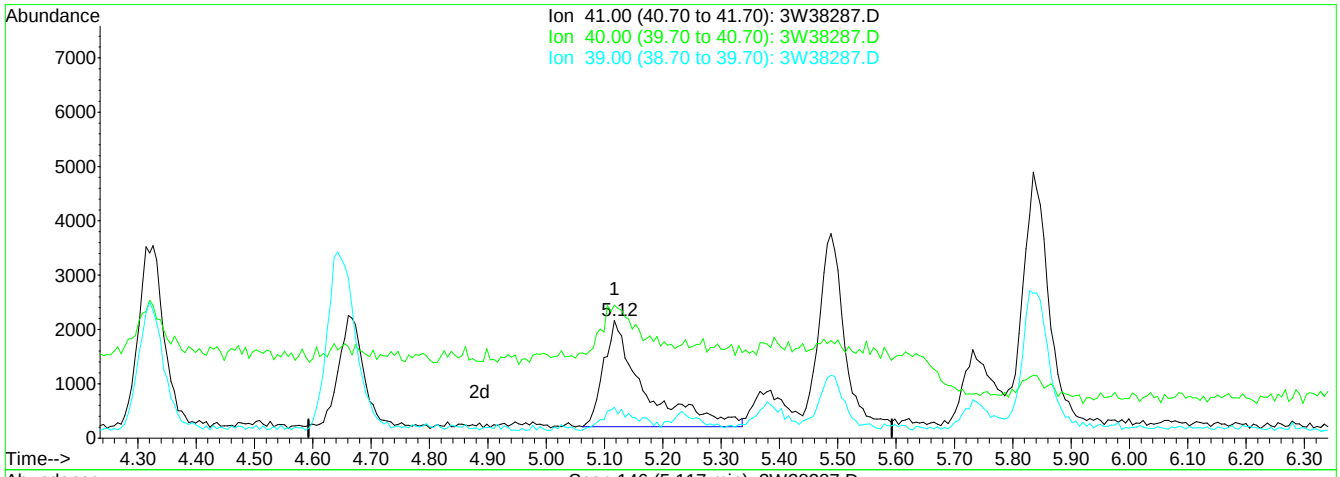
Sample Number: V3W1462-IC1462
Lab FileID: 3W38287.D
Injection Time: 01/15/14 19:47
Method: TO-15
Analyst approved: 01/16/14 12:33 Youmin Hu
Supervisor approved: 01/17/14 15:35 Jessica Reitan-Chu

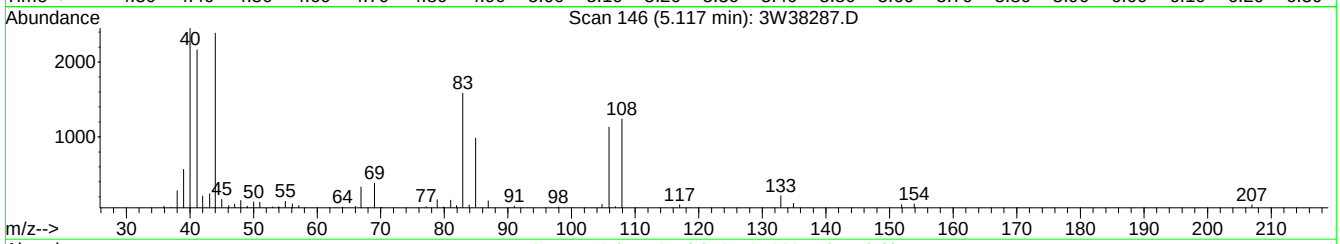
Parameter	CAS	Sig#	R.T. (min.)	Reason
n-Butane	106-97-8		4.66	Poor instrument integration
Acetonitrile	75-05-8		5.12	Poor instrument integration

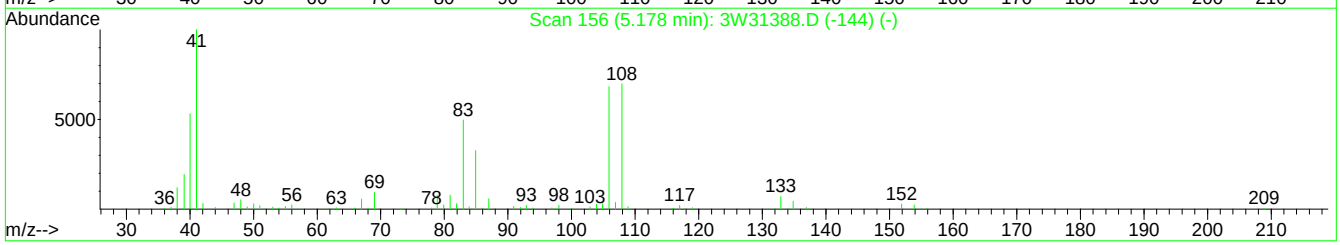
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:37 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Multiple Level Calibration







TIC: 3W38287.D

(15) ACETONITRILE

5.12min 0.61PPBV

response 9395

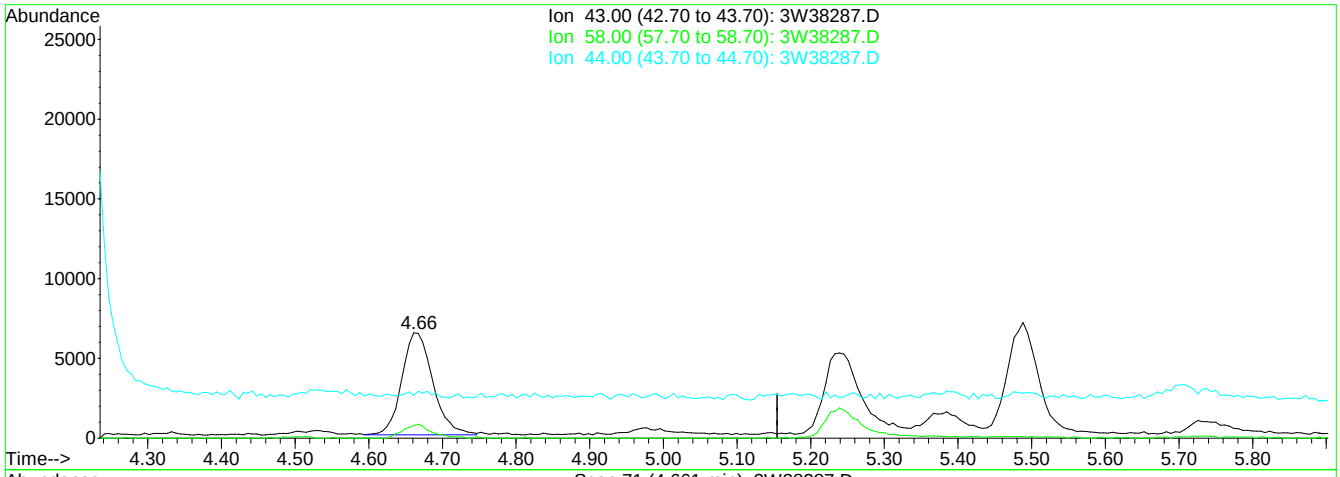
Ion	Exp%	Act%
41.00	100	100
40.00	55.90	60.26
39.00	18.10	18.20
0.00	0.00	0.00

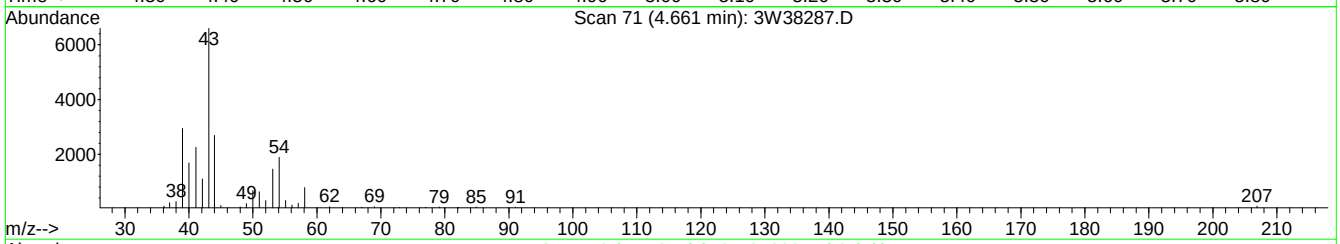
3W38287.D M3W1462.M Thu Jan 16 10:37:57 2014 MS3W

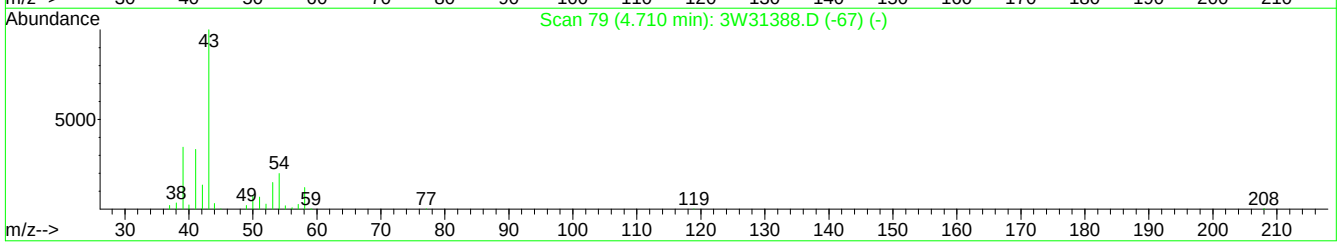
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:43 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38287.D

(11) n-BUTANE

4.66min 0.52PPBV m

response 18687

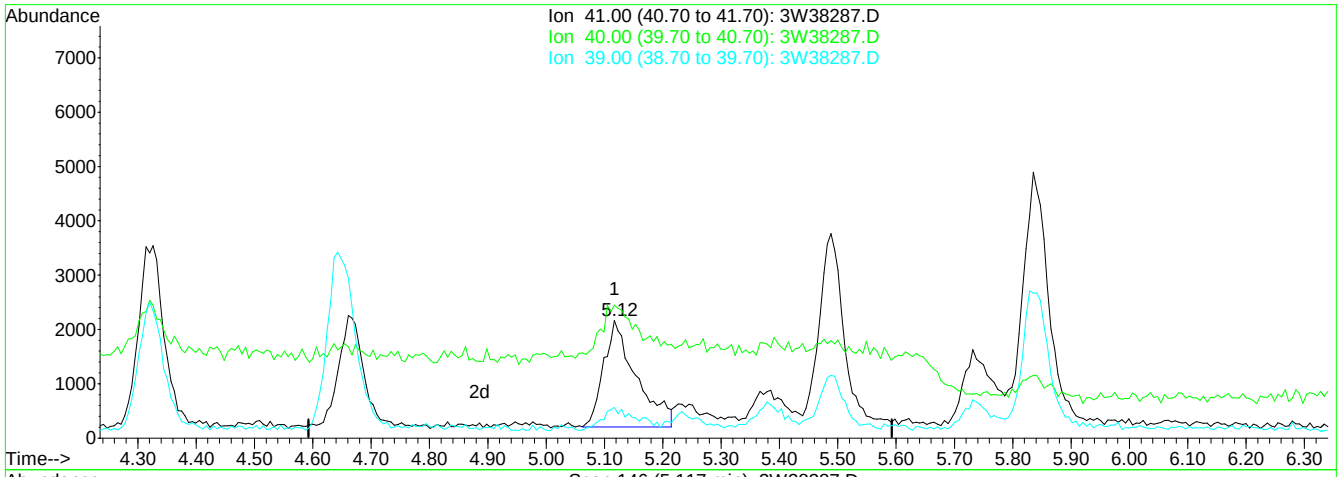
Ion	Exp%	Act%
43.00	100	100
58.00	12.30	12.16
44.00	3.70	0.00
0.00	0.00	0.00

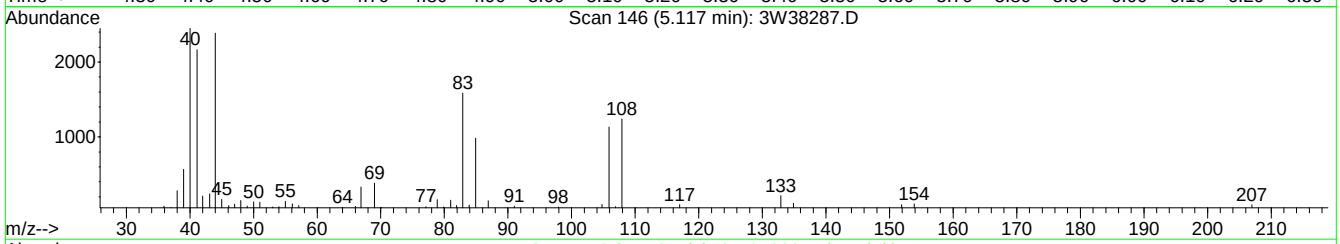
3W38287.D M3W1462.M Thu Jan 16 12:21:58 2014 MS3W

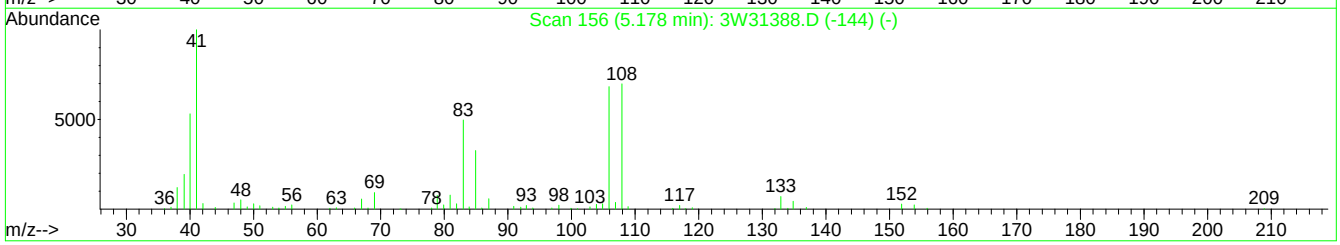
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:43 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38287.D

(15) ACETONITRILE

5.12min 0.50PPBV m

response 7630

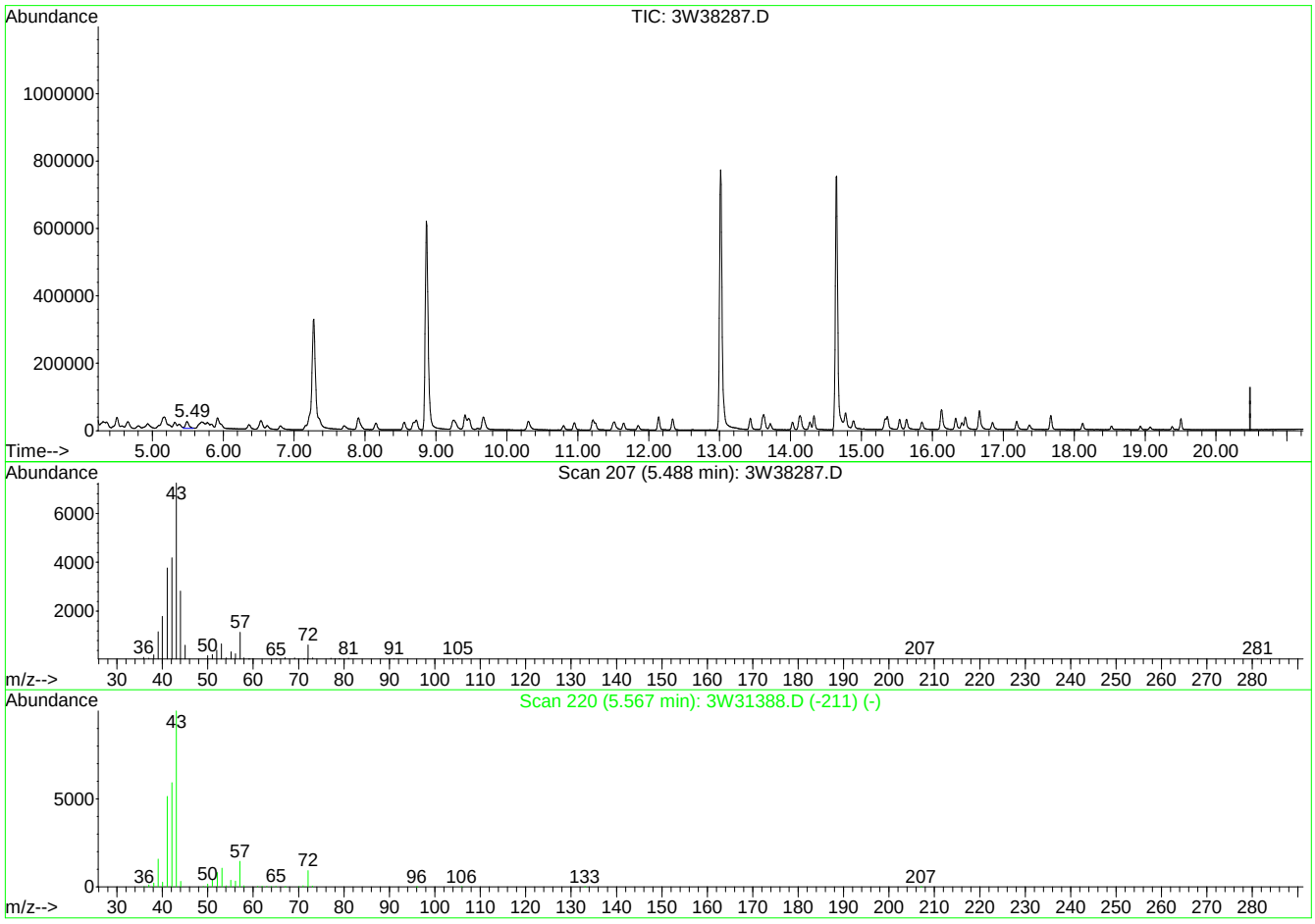
Ion	Exp%	Act%
41.00	100	100
40.00	55.90	74.19#
39.00	18.10	22.41#
0.00	0.00	0.00

3W38287.D M3W1462.M Thu Jan 16 12:24:13 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:43 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38287.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.54PPBV m

response 64881

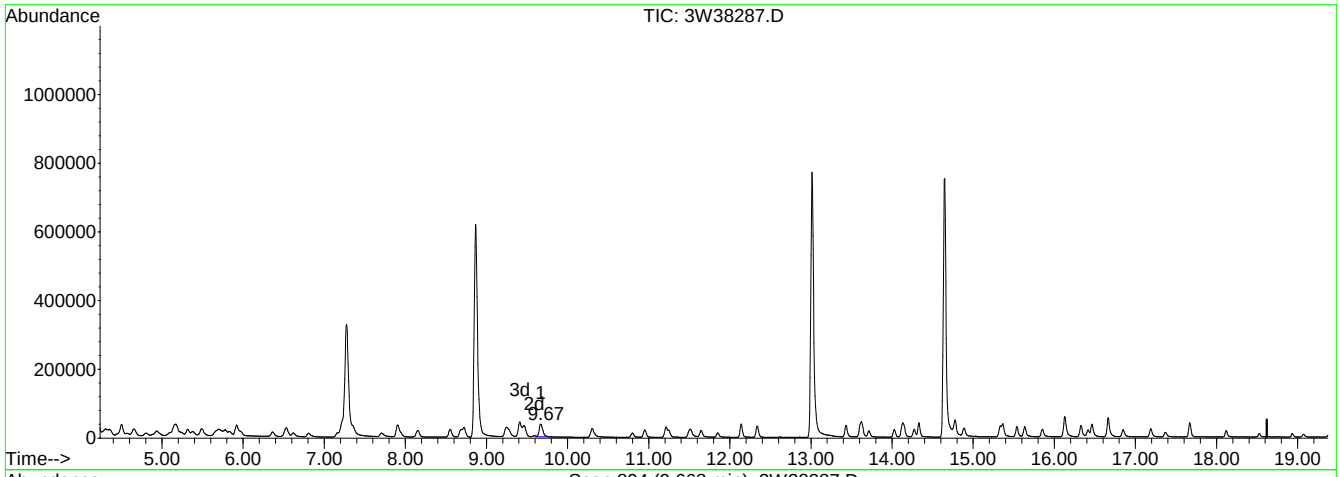
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	1.42#
0.00	2.80	1.16#
0.00	0.00	0.00

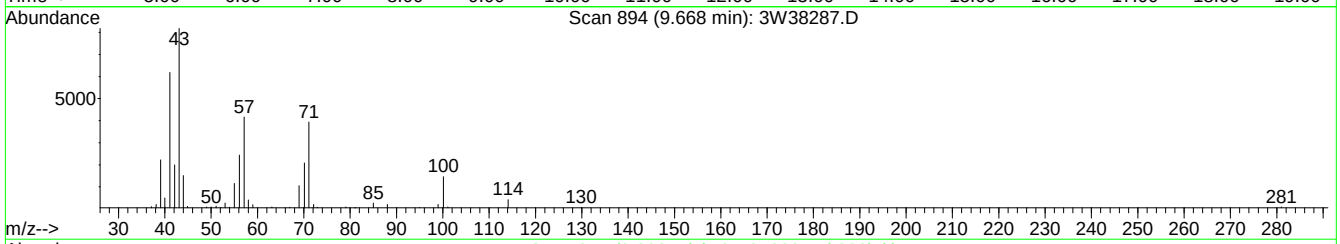
3W38287.D M3W1462.M Thu Jan 16 12:25:52 2014 MS3W

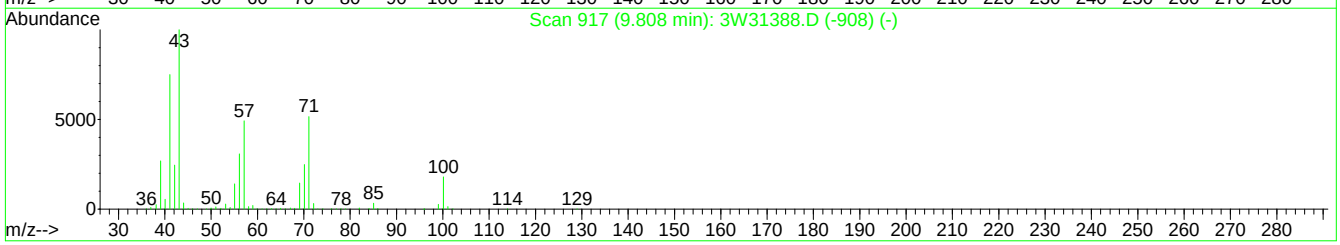
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38287.D Vial: 2
Acq On : 15 Jan 2014 7:47 pm Operator: YOUMINH
Sample : IC1462-0.5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:43 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38287.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 0.50PPBV m

response 117084

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	0.79#
0.00	1.40	0.64#
0.00	0.00	0.00

3W38287.D M3W1462.M Thu Jan 16 12:30:10 2014 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 01/17/14 15:35

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:44:24 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	136848	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	721144	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.01	82	333477	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.64	95	366214	9.52	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 95.20%				
Target Compounds							Qvalue
3) FREON 152A	4.28	65	2912	0.22	PPBV		95
4) CHLORODIFLUOROMETHANE	4.30	67	896	0.20	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	9670	0.21	PPBV		97
6) PROPYLENE	4.32	41	4239	0.22	PPBV		92
7) FREON 114	4.50	85	10712	0.22	PPBV		97
8) CHLOROMETHANE	4.46	50	5516	0.23	PPBV		93
9) VINYL CHLORIDE	4.58	62	4931	0.21	PPBV		93
10) 1,3-BUTADIENE	4.65	54	3708	0.22	PPBV		96
11) n-BUTANE	4.66	43	7904m	0.23	PPBV		
12) BROMOMETHANE	4.80	94	4134	0.21	PPBV		98
13) CHLOROETHANE	4.89	64	2655	0.22	PPBV		97
14) DICHLOROFLUOROMETHANE	4.93	67	9608	0.22	PPBV		96
15) ACETONITRILE	5.14	41	3103m	0.21	PPBV		
16) FREON 123	5.15	83	9219	0.21	PPBV		98
17) FREON 123A	5.18	117	5051	0.21	PPBV		93
18) TRICHLOROFLUOROMETHANE	5.32	101	9082	0.22	PPBV		99
19) ISOPROPYL ALCOHOL	5.38	45	10656	0.25	PPBV		85
20) ACETONE	5.24	58	3038	0.29	PPBV	#	73
21) PENTANE	5.49	42	4718	0.21	PPBV		91
22) TVHC as EQUIV PENTANE	5.49	TIC	25866m	0.22	PPBV		
23) IODOMETHANE	5.66	142	8752	0.20	PPBV		100
24) 1,1-DICHLOROETHYLENE	5.71	96	3722	0.20	PPBV		96
25) CARBON DISULFIDE	5.97	76	11563	0.22	PPBV		82
27) BROMOETHENE	5.09	106	3592	0.20	PPBV		99
28) ACRYLONITRILE	5.51	52	2218	0.20	PPBV	#	60
29) METHYLENE CHLORIDE	5.78	84	5450	0.31	PPBV		94
30) 3-CHLOROPROPENE	5.83	76	1614	0.19	PPBV	#	82
31) FREON 113	5.92	151	5735	0.20	PPBV		94
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	3220	0.19	PPBV		100
33) TERTIARY BUTYL ALCOHOL	5.74	59	9427	0.22	PPBV		94
34) METHYL TERTIARY BUTYL ETHE	6.55	73	10407	0.20	PPBV		96
35) TETRAHYDROFURAN	7.71	72	1716	0.19	PPBV		94
36) HEXANE	7.20	57	6568	0.21	PPBV		97
37) VINYL ACETATE	6.62	86	694	0.18	PPBV	#	80
38) 1,1-DICHLOROETHANE	6.52	63	7525	0.21	PPBV		99
39) METHYL ETHYL KETONE	6.81	72	1926	0.20	PPBV		93
40) cis-1,2-DICHLOROETHYLENE	7.16	96	3373	0.19	PPBV		93
41) DIISOPROPYL ETHER	7.23	45	16133	0.22	PPBV		98
42) ETHYL ACETATE	7.30	61	1353	0.19	PPBV	#	80
43) METHYL ACRYLATE	7.31	55	6721	0.21	PPBV	#	77
44) CHLOROFORM	7.36	83	6945	0.20	PPBV	#	74
45) 2,4-DIMETHYLPENTANE	7.90	57	8559	0.21	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.15	97	6903	0.20	PPBV		98
47) CARBON TETRACHLORIDE	8.68	117	6580	0.20	PPBV		98
48) 1,2-DICHLOROETHANE	7.95	62	3817	0.19	PPBV		96
50) BENZENE	8.55	78	11228	0.20	PPBV		98
51) CYCLOHEXANE	8.72	84	6287	0.20	PPBV		95
52) 2,3-DIMETHYLPENTANE	8.90	71	3871	0.26	PPBV	#	1
53) TRICHLOROETHYLENE	9.47	95	4346	0.20	PPBV		92

(#) = qualifier out of range (m) = manual integration
3W38288.D M3W1462.M Thu Jan 16 12:23:34 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:44:24 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

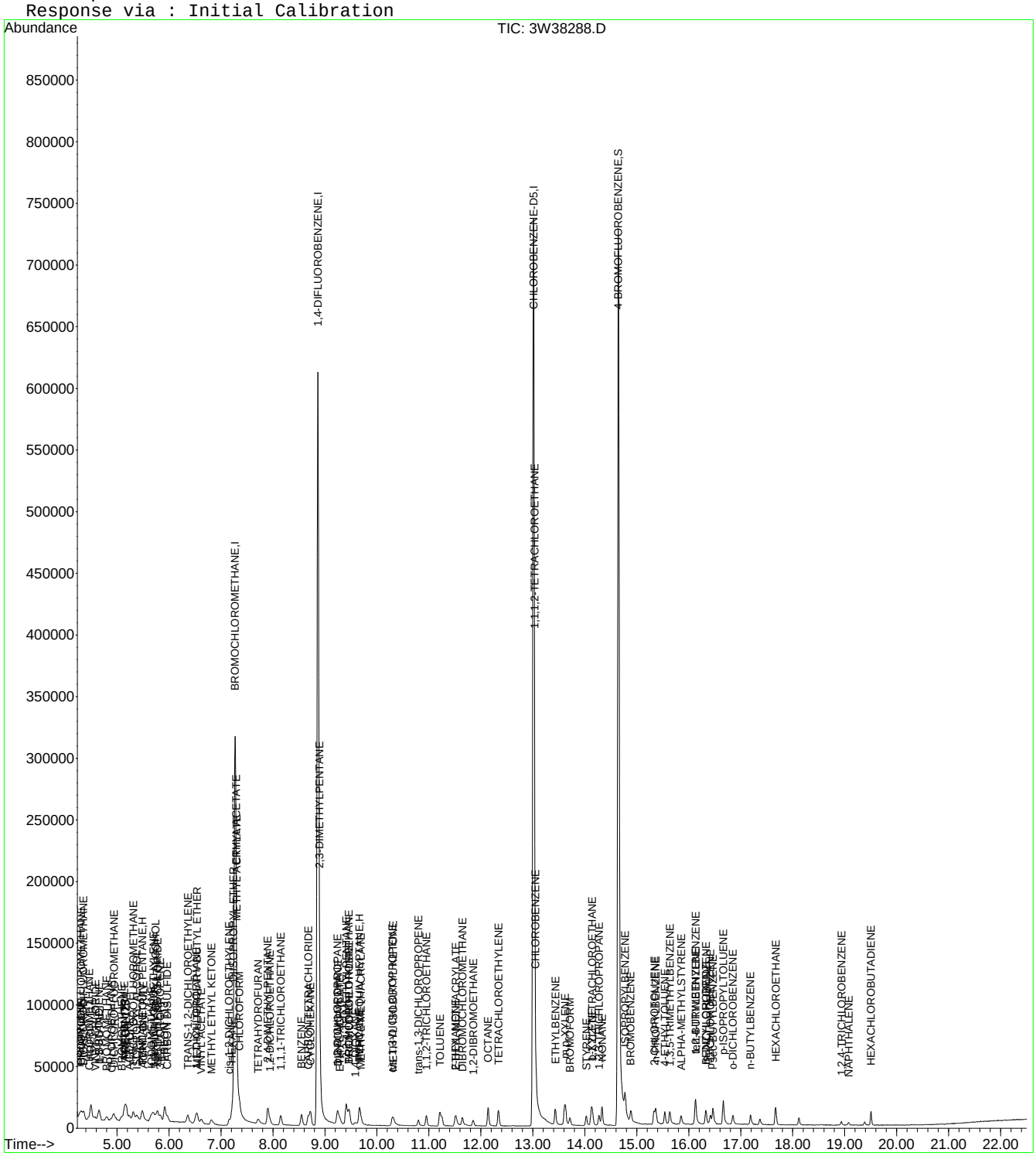
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
54)	1,2-DICHLOROPROPANE	9.24	63	4676	0.21	PPBV		93
55)	DIBROMOMETHANE	9.26	174	3126	0.18	PPBV	#	86
56)	ETHYL ACRYLATE	9.29	55	9033	0.23	PPBV	#	93
57)	BROMODICHLOROMETHANE	9.45	83	6329	0.19	PPBV		97
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	20665	0.21	PPBV		96
59)	1,4-DIOXANE	9.59	88	3387	0.27	PPBV		82
60)	HEPTANE	9.66	43	8458	0.21	PPBV		93
61)	TVHC as EQUIV HEPTANE	9.66	TIC	46196m	0.20	PPBV		
62)	METHYL METHACRYLATE	9.70	69	3611	0.20	PPBV	#	75
63)	METHYL ISOBUTYL KETONE	10.32	58	2825	0.18	PPBV		96
64)	cis-1,3-DICHLOROPROPENE	10.29	75	5015	0.18	PPBV		94
65)	TOLUENE	11.21	92	6647	0.19	PPBV		96
66)	trans-1,3-DICHLOROPROPENE	10.80	75	3749	0.17	PPBV		90
67)	1,1,2-TRICHLOROETHANE	10.95	83	3331	0.19	PPBV		96
69)	2-HEXANONE	11.50	58	3838	0.19	PPBV	#	73
70)	ETHYL METHACRYLATE	11.52	69	5195	0.18	PPBV	#	73
71)	TETRACHLOROETHYLENE	12.34	164	4027	0.21	PPBV		99
72)	DIBROMOCHLOROMETHANE	11.64	129	4879	0.18	PPBV		98
73)	1,2-DIBROMOETHANE	11.85	107	4557	0.19	PPBV	#	99
74)	OCTANE	12.14	43	12378	0.26	PPBV		81
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	4193	0.20	PPBV		98
76)	CHLOROBENZENE	13.06	112	7312	0.19	PPBV	#	44
77)	ETHYLBENZENE	13.43	91	12611	0.20	PPBV		97
78)	m,p-XYLENE	13.62	106	9221	0.39	PPBV		98
79)	o-XYLENE	14.13	106	4430	0.19	PPBV	#	85
80)	STYRENE	14.03	104	5186	0.16	PPBV		94
81)	NONANE	14.33	43	8080	0.19	PPBV		93
82)	BROMOFORM	13.71	173	3697	0.15	PPBV		96
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	7112	0.20	PPBV		97
85)	1,2,3-TRICHLOROPROPANE	14.27	75	5502	0.19	PPBV		97
86)	ISOPROPYLBENZENE	14.78	105	13270	0.20	PPBV		96
87)	BROMOBENZENE	14.89	77	6249	0.19	PPBV		92
88)	2-CHLOROTOLUENE	15.33	126	2982	0.19	PPBV		98
89)	n-PROPYLBENZENE	15.37	120	2953	0.17	PPBV		99
90)	4-ETHYLTOLUENE	15.54	105	9429	0.17	PPBV		100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	8377	0.17	PPBV		94
92)	ALPHA-METHYLSTYRENE	15.85	118	3205	0.14	PPBV		97
93)	tert-BUTYLBENZENE	16.13	134	2093	0.17	PPBV	#	76
94)	1,2,4-TRIMETHYLBENZENE	16.13	105	8088	0.18	PPBV		89
95)	m-DICHLOROBENZENE	16.33	146	4550	0.17	PPBV		98
96)	BENZYL CHLORIDE	16.33	91	4613	0.13	PPBV		96
97)	p-DICHLOROBENZENE	16.42	146	4594	0.17	PPBV		98
98)	sec-BUTYLBENZENE	16.46	134	2312	0.16	PPBV	#	85
99)	p-ISOPROPYLTOLUENE	16.66	134	2276	0.16	PPBV	#	81
100)	o-DICHLOROBENZENE	16.85	146	4525	0.16	PPBV		96
101)	n-BUTYLBENZENE	17.19	134	1618	0.13	PPBV	#	74
102)	HEXACHLOROETHANE	17.67	117	3511	0.17	PPBV		96
103)	HEXACHLOROBUTADIENE	19.50	225	2688	0.15	PPBV		97
104)	1,2,4-TRICHLOROBENZENE	18.93	180	1292	0.09	PPBV		96
105)	NAPHTHALENE	19.08	128	2544	0.09	PPBV		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38288.D M3W1462.M Thu Jan 16 12:23:34 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Manual Integration Approval Summary

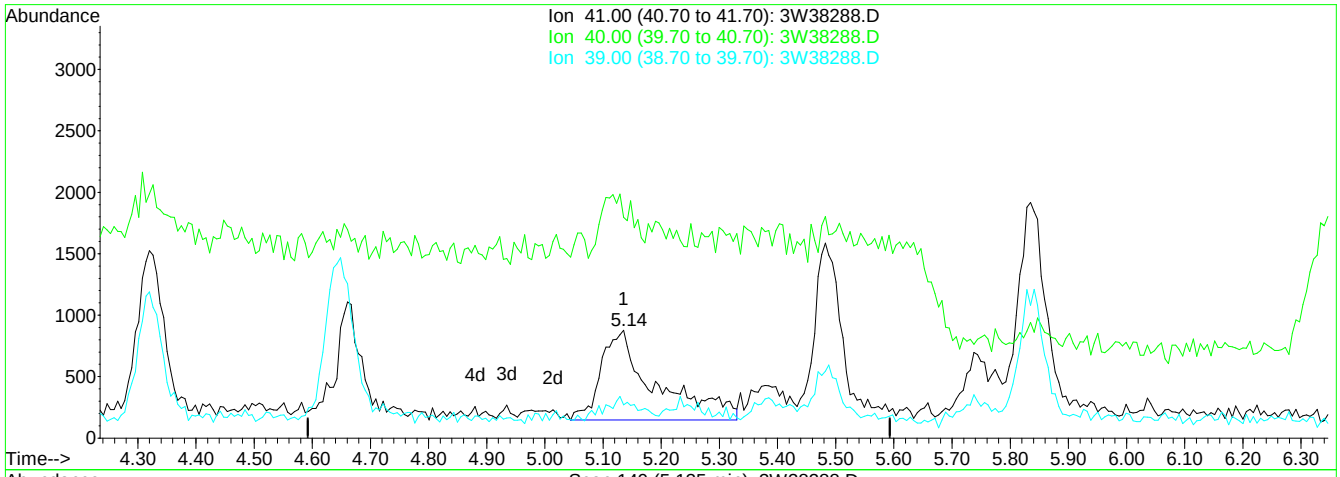
Sample Number: V3W1462-IC1462
Lab FileID: 3W38288.D
Injection Time: 01/15/14 20:27
Method: TO-15
Analyst approved: 01/16/14 12:33 Youmin Hu
Supervisor approved: 01/17/14 15:35 Jessica Reitan-Chu

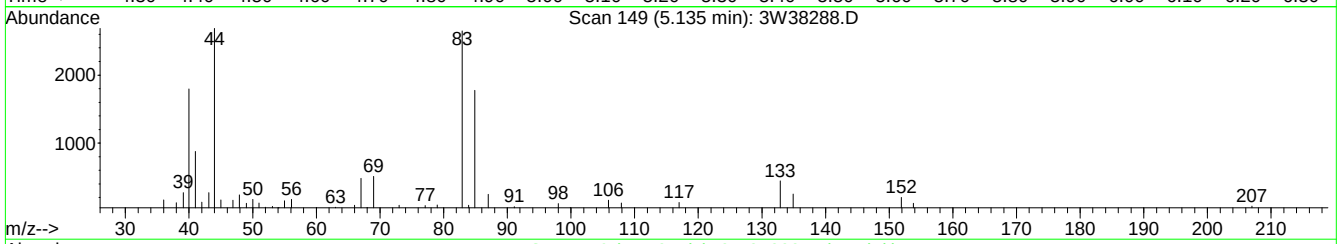
Parameter	CAS	Sig#	R.T. (min.)	Reason
n-Butane	106-97-8		4.66	Poor instrument integration
Acetonitrile	75-05-8		5.14	Poor instrument integration

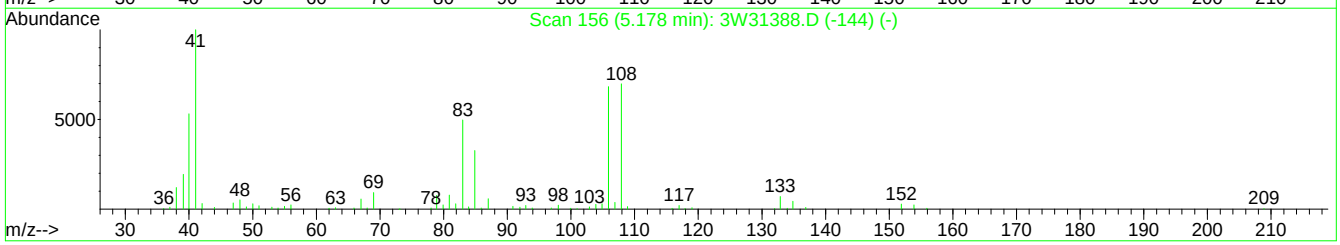
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:45 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Multiple Level Calibration







TIC: 3W38288.D

(15) ACETONITRILE

5.14min 0.32PPBV

response 4729

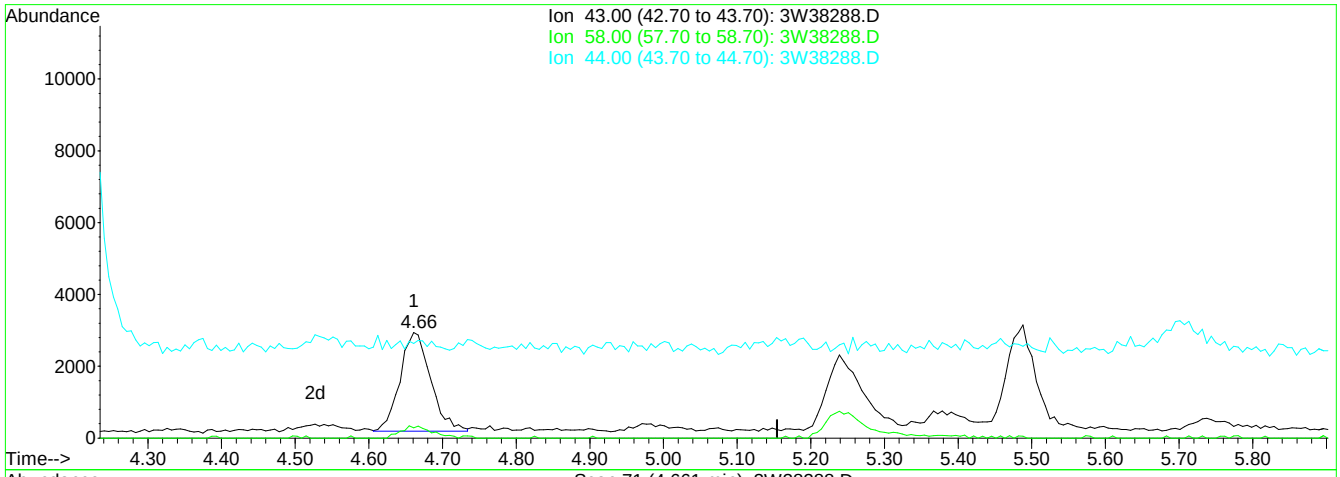
Ion	Exp%	Act%
41.00	100	100
40.00	55.90	40.66#
39.00	18.10	16.22
0.00	0.00	0.00

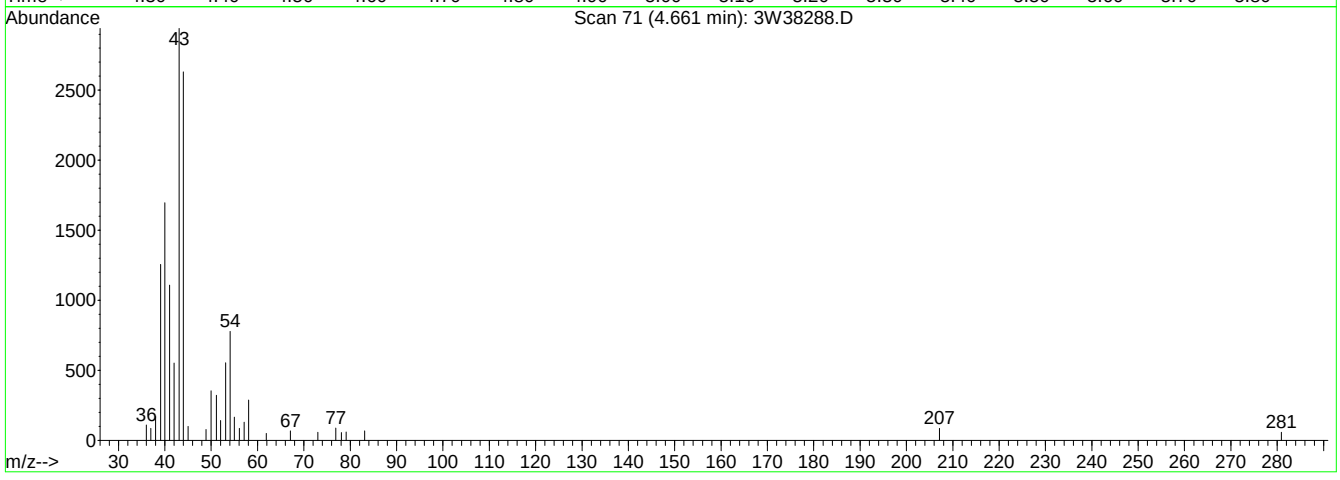
3W38288.D M3W1462.M Thu Jan 16 10:45:10 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration





TIC: 3W38288.D

(11) n-BUTANE

4.66min 0.23PPBV m

response 7904

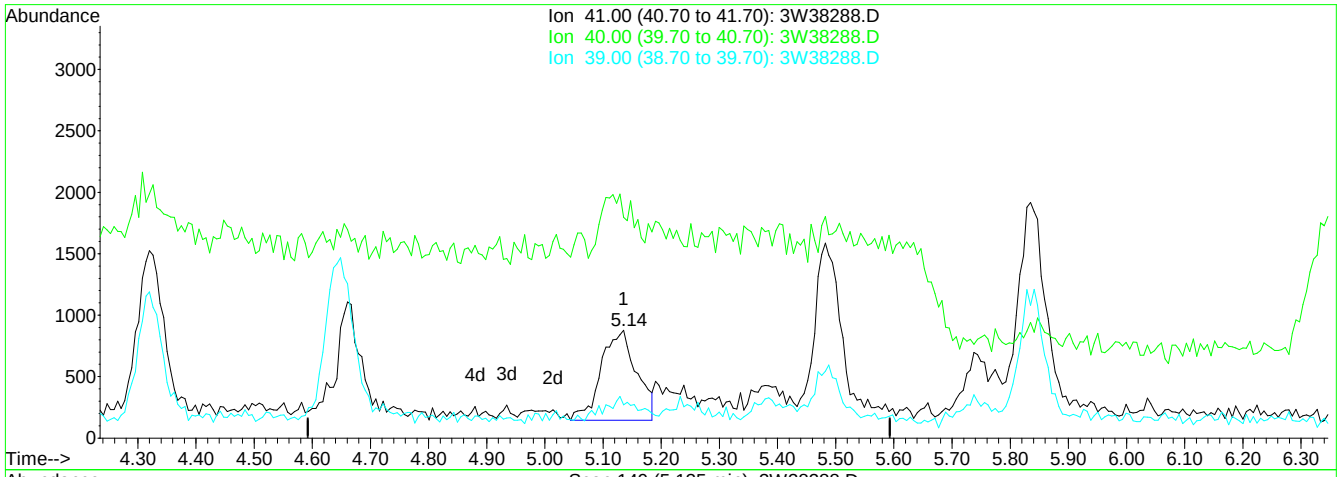
Ion	Exp%	Act%
43.00	100	100
58.00	12.30	12.31
44.00	3.70	0.00
0.00	0.00	0.00

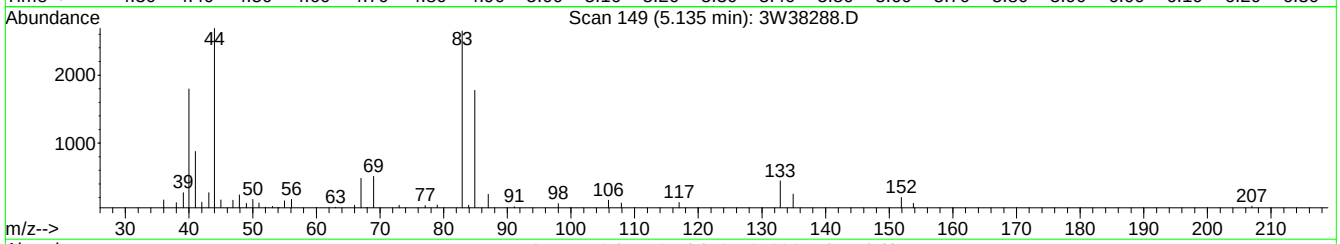
3W38288.D M3W1462.M Thu Jan 16 12:22:13 2014 MS3W

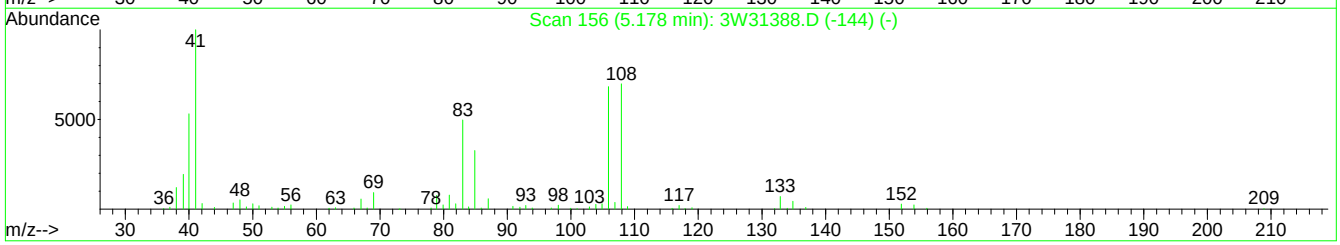
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38288.D

(15) ACETONITRILE

5.14min 0.21PPBV m

response 3103

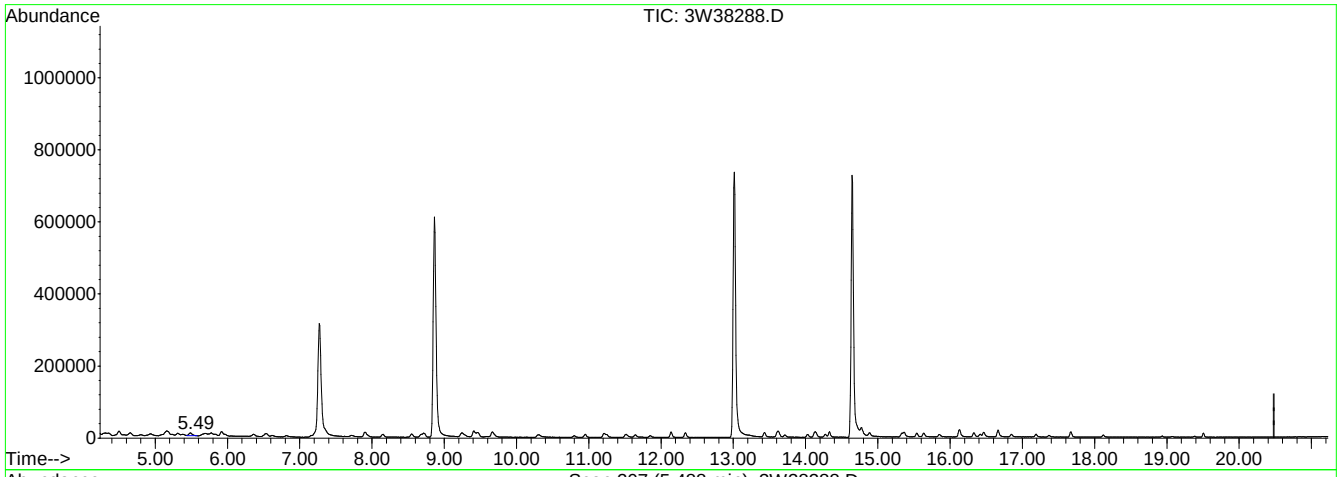
Ion	Exp%	Act%
41.00	100	100
40.00	55.90	61.97
39.00	18.10	24.72#
0.00	0.00	0.00

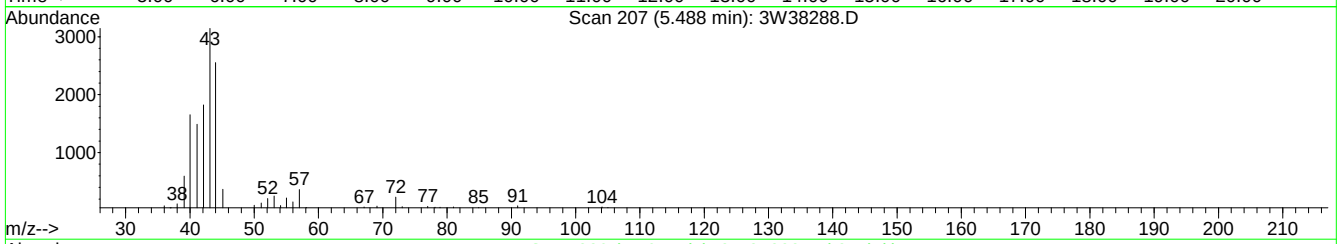
3W38288.D M3W1462.M Thu Jan 16 12:24:21 2014 MS3W

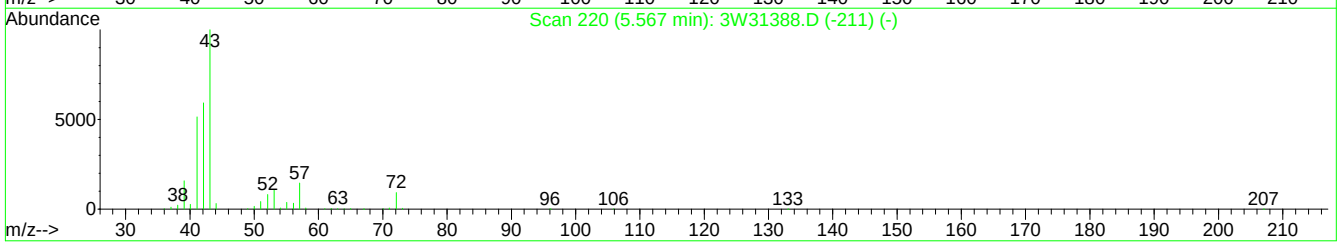
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38288.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.22PPBV m

response 25866

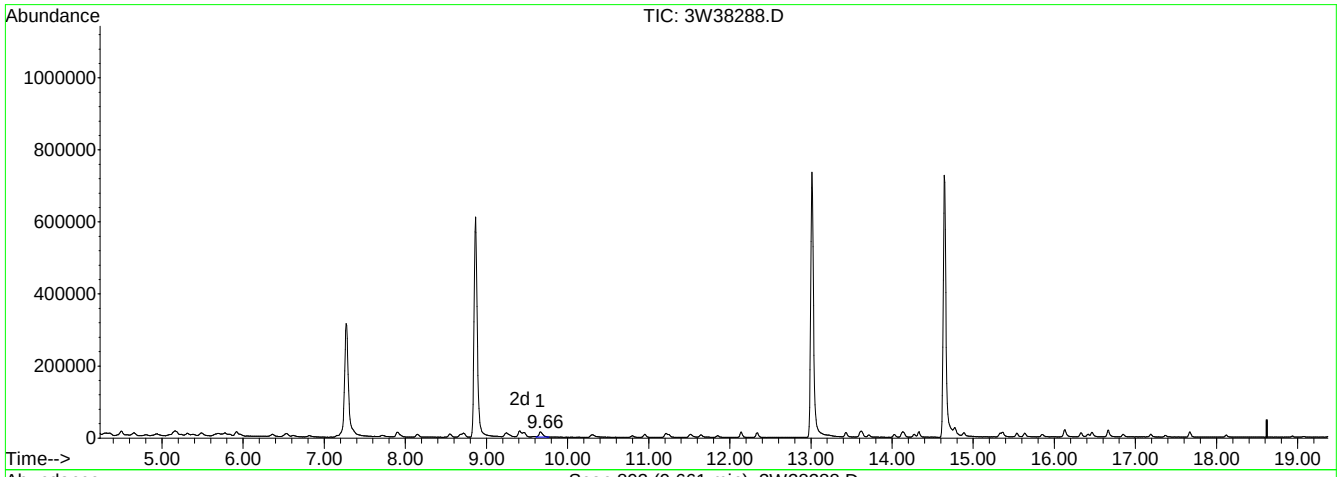
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	1.00#
0.00	2.80	0.73#
0.00	0.00	0.00

3W38288.D M3W1462.M Thu Jan 16 12:26:00 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38288.D Vial: 2
Acq On : 15 Jan 2014 8:27 pm Operator: YOUMINH
Sample : IC1462-0.2 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38288.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 0.20PPBV m

response 46196

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	0.56#
0.00	1.40	0.41#
0.00	0.00	0.00

3W38288.D M3W1462.M Thu Jan 16 12:30:20 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38289.D Vial: 1
Acq On : 15 Jan 2014 9:07 pm Operator: YOUMINH
Sample : IC1462-20 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:18 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	148104	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	782363	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.02	82	399778	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.65	95	485794	10.54	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 105.40%				
Target Compounds							Qvalue
3) FREON 152A	4.27	65	255451	18.06	PPBV		100
4) CHLORODIFLUOROMETHANE	4.30	67	88984	18.68	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	906914	18.51	PPBV		100
6) PROPYLENE	4.31	41	383649	18.48	PPBV		99
7) FREON 114	4.50	85	994501	18.74	PPBV		100
8) CHLOROMETHANE	4.45	50	502975	19.19	PPBV		97
9) VINYL CHLORIDE	4.57	62	482778	19.10	PPBV		99
10) 1,3-BUTADIENE	4.64	54	344053	19.16	PPBV		100
11) n-BUTANE	4.66	43	702371	18.67	PPBV		99
12) BROMOMETHANE	4.79	94	390458	18.68	PPBV		100
13) CHLOROETHANE	4.88	64	242747	18.76	PPBV		99
14) DICHLOROFLUOROMETHANE	4.93	67	879216	18.50	PPBV		100
15) ACETONITRILE	5.10	41	297945	18.52	PPBV		93
16) FREON 123	5.14	83	868260	18.63	PPBV		99
17) FREON 123A	5.18	117	506263	19.38	PPBV		96
18) TRICHLOROFLUOROMETHANE	5.31	101	870567	19.12	PPBV		100
19) ISOPROPYL ALCOHOL	5.35	45	770196	16.83	PPBV		100
20) ACETONE	5.21	58	199987	17.55	PPBV		99
21) PENTANE	5.48	42	435390	17.92	PPBV		98
22) TVHC as EQUIV PENTANE	5.48	TIC	2509317m	20.01	PPBV		
23) IODOMETHANE	5.65	142	917496	19.74	PPBV		98
24) 1,1-DICHLOROETHYLENE	5.70	96	369481	18.71	PPBV		98
25) CARBON DISULFIDE	5.96	76	1079179	18.84	PPBV		99
26) ETHANOL	4.95	45	180993	17.67	PPBV		100
27) BROMOETHENE	5.08	106	380180	19.42	PPBV		100
28) ACRYLONITRILE	5.50	52	244622	19.96	PPBV		98
29) METHYLENE CHLORIDE	5.77	84	344095	17.81	PPBV		99
30) 3-CHLOROPROPENE	5.84	76	181840	19.95	PPBV		98
31) FREON 113	5.91	151	605899	19.80	PPBV		99
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	371069	20.27	PPBV		99
33) TERTIARY BUTYL ALCOHOL	5.70	59	899088	19.20	PPBV		99
34) METHYL TERTIARY BUTYL ETHE	6.51	73	1062872	19.05	PPBV		99
35) TETRAHYDROFURAN	7.65	72	200127	20.05	PPBV		100
36) HEXANE	7.20	57	621722	18.34	PPBV		99
37) VINYL ACETATE	6.61	86	86931	20.29	PPBV	#	96
38) 1,1-DICHLOROETHANE	6.51	63	711729	18.49	PPBV		100
39) METHYL ETHYL KETONE	6.77	72	202253	19.56	PPBV		99
40) cis-1,2-DICHLOROETHYLENE	7.16	96	376218	20.01	PPBV		99
41) DIISOPROPYL ETHER	7.21	45	1439187	17.92	PPBV		99
42) ETHYL ACETATE	7.27	61	149734	19.66	PPBV	#	90
43) METHYL ACRYLATE	7.29	55	668897	19.20	PPBV		100
44) CHLOROFORM	7.36	83	722410	19.38	PPBV		100
45) 2,4-DIMETHYLPENTANE	7.90	57	813623	18.86	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.15	97	716782	19.52	PPBV		99
47) CARBON TETRACHLORIDE	8.68	117	713734	19.98	PPBV		99
48) 1,2-DICHLOROETHANE	7.94	62	438835	20.23	PPBV		100
50) BENZENE	8.55	78	1167600	19.16	PPBV		100
51) CYCLOHEXANE	8.72	84	644343	19.15	PPBV		97
52) 2,3-DIMETHYLPENTANE	8.91	71	295783	18.33	PPBV		95

(#) = qualifier out of range (m) = manual integration
3W38289.D M3W1462.M Thu Jan 16 12:23:35 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38289.D Vial: 1
Acq On : 15 Jan 2014 9:07 pm Operator: YOUMINH
Sample : IC1462-20 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:18 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

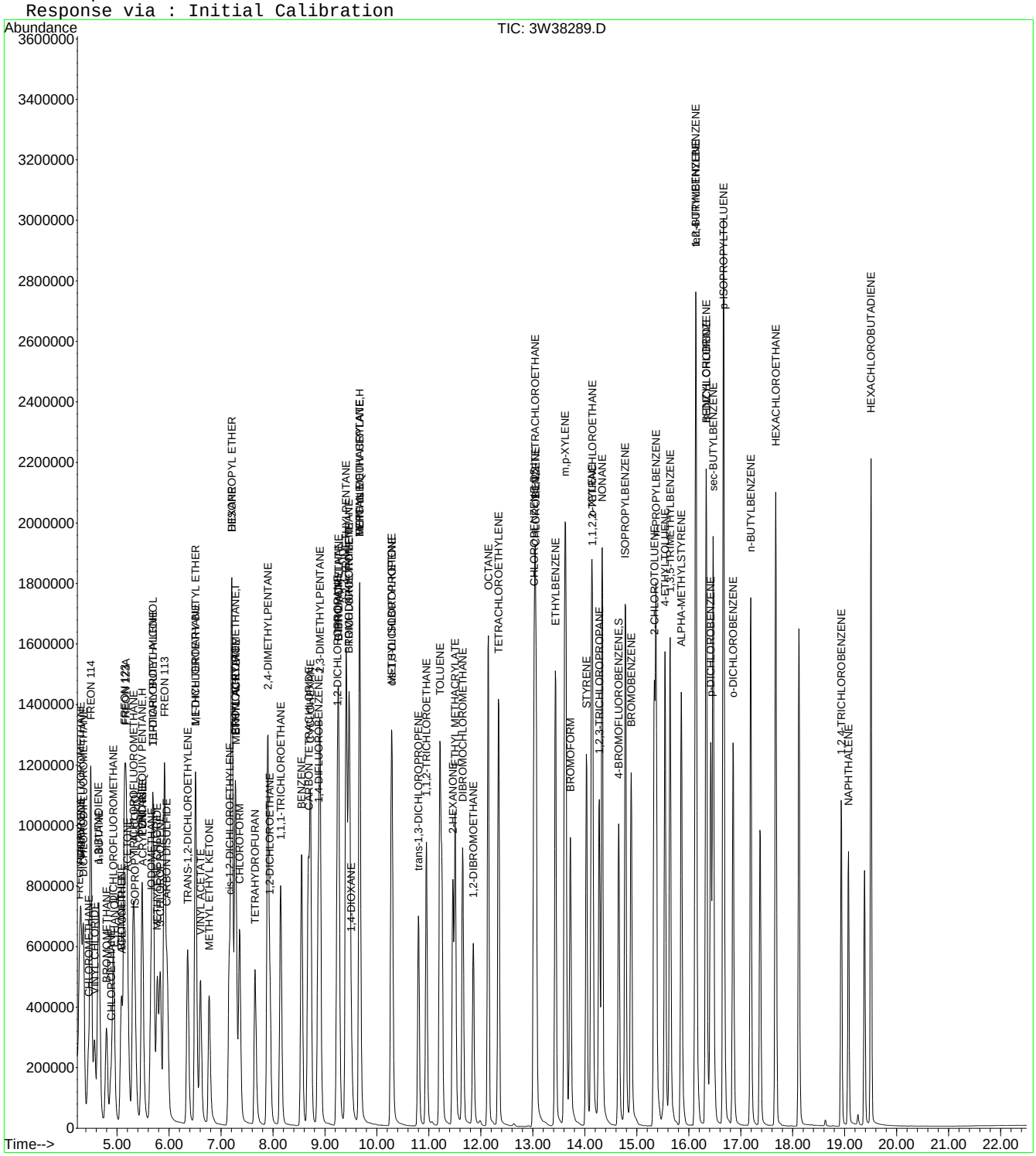
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	TRICHLOROETHYLENE	9.47	95	440489	18.91	PPBV		98
54)	1,2-DICHLOROPROPANE	9.24	63	457181	19.21	PPBV		99
55)	DIBROMOMETHANE	9.26	174	393378	21.20	PPBV		99
56)	ETHYL ACRYLATE	9.27	55	812851	18.95	PPBV		99
57)	BROMODICHLOROMETHANE	9.45	83	719752	20.13	PPBV		100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	1984821	18.22	PPBV		100
59)	1,4-DIOXANE	9.51	88	264441	19.10	PPBV		98
60)	HEPTANE	9.66	43	736513	16.85	PPBV		97
61)	TVHC as EQUIV HEPTANE	9.67	TIC	4789527m	19.58	PPBV		
62)	METHYL METHACRYLATE	9.67	69	409599	20.44	PPBV		95
63)	METHYL ISOBUTYL KETONE	10.28	58	361515	21.32	PPBV		97
64)	cis-1,3-DICHLOROPROPENE	10.29	75	631701	21.07	PPBV		99
65)	TOLUENE	11.21	92	750076	19.86	PPBV		99
66)	trans-1,3-DICHLOROPROPENE	10.80	75	539936	22.20	PPBV		100
67)	1,1,2-TRICHLOROETHANE	10.95	83	380995	19.90	PPBV		99
69)	2-HEXANONE	11.46	58	504800	20.86	PPBV		98
70)	ETHYL METHACRYLATE	11.50	69	695229	20.62	PPBV		98
71)	TETRACHLOROETHYLENE	12.34	164	456345	19.45	PPBV		100
72)	DIBROMOCHLOROMETHANE	11.65	129	696927	21.02	PPBV		100
73)	1,2-DIBROMOETHANE	11.85	107	595342	20.53	PPBV		100
74)	OCTANE	12.14	43	986670	17.18	PPBV		97
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	513646	20.35	PPBV		99
76)	CHLOROBENZENE	13.06	112	896000	19.74	PPBV		99
77)	ETHYLBENZENE	13.43	91	1494141	19.69	PPBV		99
78)	m,p-XYLENE	13.63	106	1139726	40.67	PPBV		98
79)	o-XYLENE	14.13	106	563005	20.41	PPBV		97
80)	STYRENE	14.03	104	858383	22.55	PPBV		99
81)	NONANE	14.33	43	946334	18.95	PPBV		96
82)	BROMOFORM	13.73	173	646585	22.31	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	854622	19.67	PPBV		99
85)	1,2,3-TRICHLOROPROPANE	14.28	75	691652	19.97	PPBV		98
86)	ISOPROPYLBENZENE	14.78	105	1612447	20.06	PPBV		99
87)	BROMOBENZENE	14.89	77	770774	19.82	PPBV		98
88)	2-CHLOROTOLUENE	15.34	126	407824	21.23	PPBV		100
89)	n-PROPYLBENZENE	15.37	120	442755	21.20	PPBV		100
90)	4-ETHYLTOLUENE	15.54	105	1423124	21.42	PPBV		98
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	1255966	21.78	PPBV		99
92)	ALPHA-METHYLSTYRENE	15.85	118	639902	23.08	PPBV		99
93)	tert-BUTYLBENZENE	16.13	134	298133	20.71	PPBV		96
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	1165575	21.07	PPBV		99
95)	m-DICHLOROBENZENE	16.34	146	748867	22.68	PPBV		100
96)	BENZYL CHLORIDE	16.34	91	1010026	23.47	PPBV		99
97)	p-DICHLOROBENZENE	16.42	146	735615	22.48	PPBV		99
98)	sec-BUTYLBENZENE	16.47	134	372632	21.73	PPBV	#	92
99)	p-ISOPROPYLTOLUENE	16.67	134	385244	22.31	PPBV		93
100)	o-DICHLOROBENZENE	16.85	146	719817	21.77	PPBV		99
101)	n-BUTYLBENZENE	17.19	134	349290	23.73	PPBV		91
102)	HEXACHLOROETHANE	17.67	117	541018	21.59	PPBV		99
103)	HEXACHLOROBUTADIENE	19.50	225	484520	22.12	PPBV		99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	424530	25.23	PPBV		99
105)	NAPHTHALENE	19.07	128	828616	25.51	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38289.D Vial: 1
Acq On : 15 Jan 2014 9:07 pm Operator: YOUMINH
Sample : IC1462-20 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

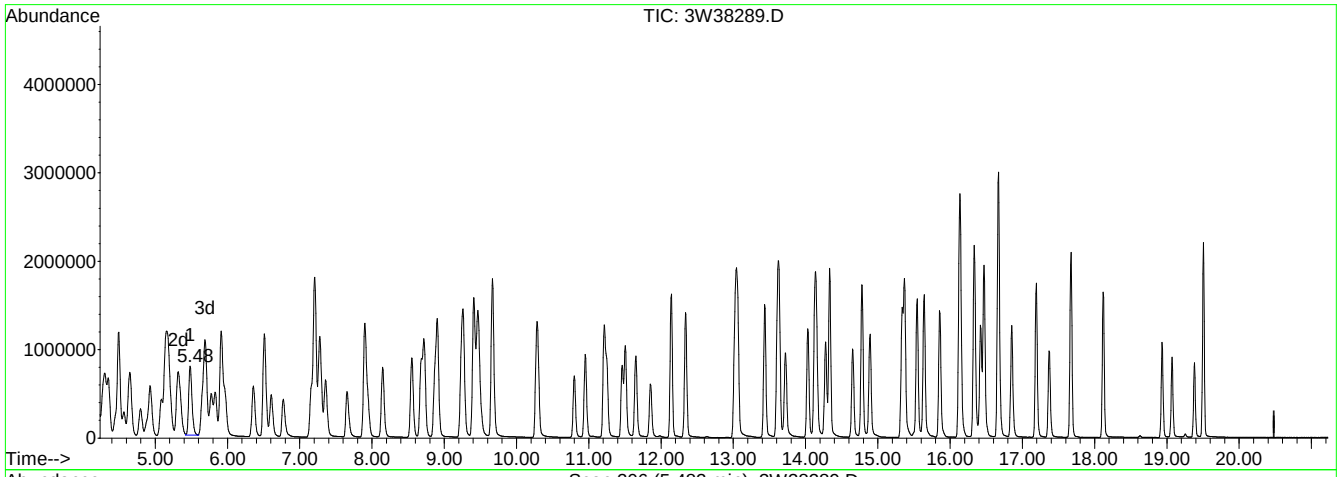


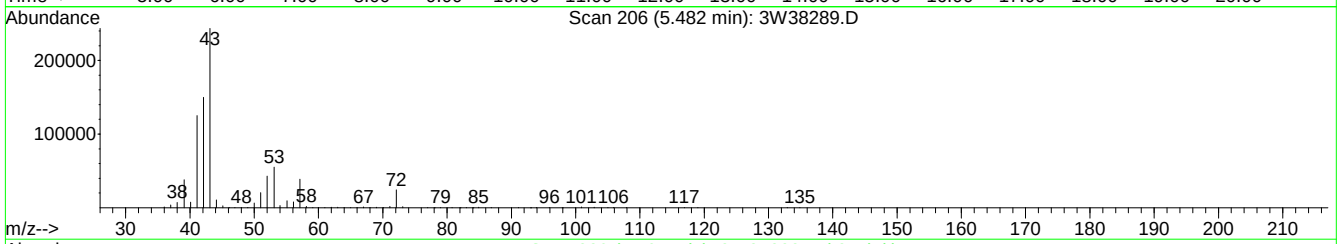
ACCUTEST LABORATORIES JB58146

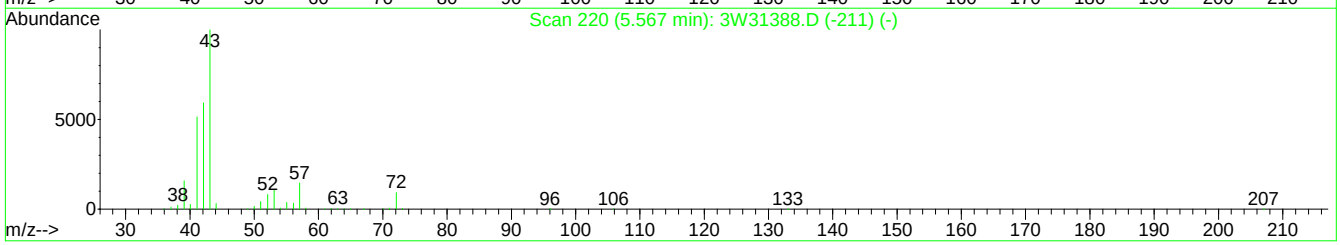
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38289.D Vial: 1
Acq On : 15 Jan 2014 9:07 pm Operator: YOUMINH
Sample : IC1462-20 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38289.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 20.01PPBV m

response 2509317

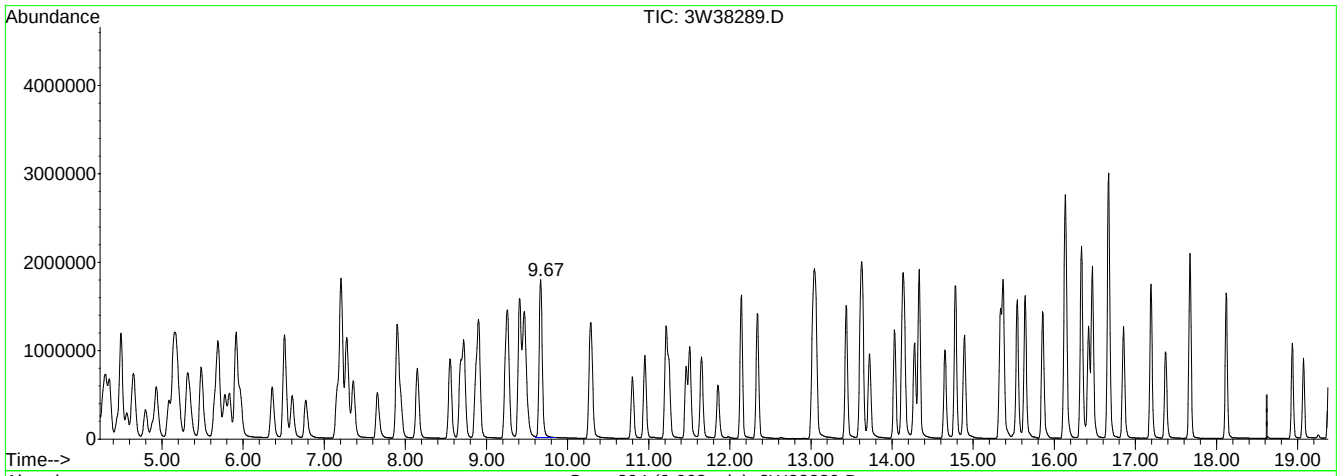
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	4.19#
0.00	2.80	3.71#
0.00	0.00	0.00

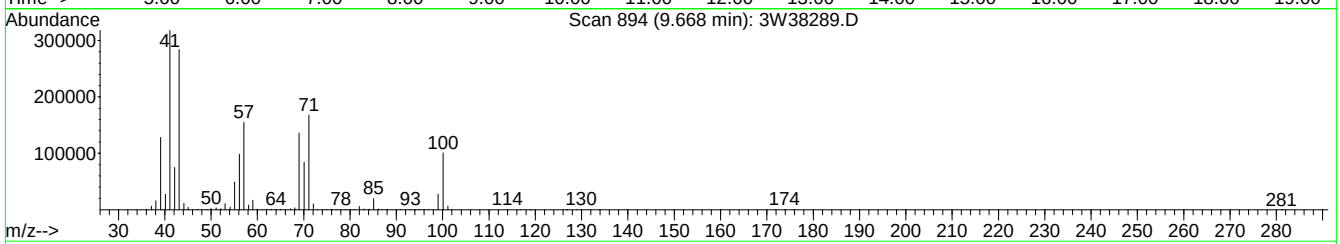
3W38289.D M3W1462.M Thu Jan 16 12:26:06 2014 MS3W

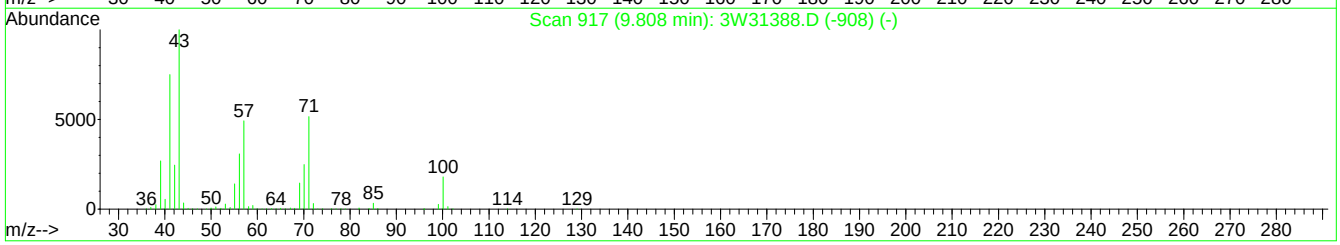
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38289.D Vial: 1
Acq On : 15 Jan 2014 9:07 pm Operator: YOUMINH
Sample : IC1462-20 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:46 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38289.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 19.58PPBV m

response 4789527

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	2.19#
0.00	1.40	1.94#
0.00	0.00	0.00

3W38289.D M3W1462.M Thu Jan 16 12:30:27 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38290.D Vial: 1
Acq On : 15 Jan 2014 9:48 pm Operator: YOUMINH
Sample : IC1462-15 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:21 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	160111	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	834767	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.02	82	418945	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.66	95	510584	10.57	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 105.70%				
Target Compounds							Qvalue
3) FREON 152A	4.27	65	207493	13.57	PPBV		99
4) CHLORODIFLUOROMETHANE	4.30	67	72514	14.08	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	740059	13.97	PPBV		100
6) PROPYLENE	4.31	41	320718	14.29	PPBV		100
7) FREON 114	4.50	85	798200	13.91	PPBV		100
8) CHLOROMETHANE	4.45	50	404641	14.28	PPBV		97
9) VINYL CHLORIDE	4.57	62	386222	14.13	PPBV		100
10) 1,3-BUTADIENE	4.64	54	278078	14.32	PPBV		100
11) n-BUTANE	4.66	43	579236	14.24	PPBV		100
12) BROMOMETHANE	4.80	94	311350	13.78	PPBV		100
13) CHLOROETHANE	4.89	64	193100	13.80	PPBV		99
14) DICHLOROFLUOROMETHANE	4.93	67	692454	13.48	PPBV		100
15) ACETONITRILE	5.10	41	230496	13.26	PPBV		93
16) FREON 123	5.14	83	693575	13.77	PPBV		99
17) FREON 123A	5.18	117	398273	14.10	PPBV		97
18) TRICHLOROFLUOROMETHANE	5.31	101	678625	13.79	PPBV		100
19) ISOPROPYL ALCOHOL	5.35	45	608484	12.30	PPBV		99
20) ACETONE	5.21	58	155147	12.59	PPBV		100
21) PENTANE	5.48	42	337353	12.84	PPBV		98
22) TVHC as EQUIV PENTANE	5.48	TIC	1934263m	14.26	PPBV		
23) IODOMETHANE	5.66	142	735593	14.64	PPBV		100
24) 1,1-DICHLOROETHYLENE	5.70	96	294960	13.81	PPBV		98
25) CARBON DISULFIDE	5.97	76	866610	13.99	PPBV		99
26) ETHANOL	4.96	45	145522	13.14	PPBV		99
27) BROMOETHENE	5.08	106	305618	14.44	PPBV		100
28) ACRYLONITRILE	5.51	52	185440	14.00	PPBV		97
29) METHYLENE CHLORIDE	5.78	84	264921	12.68	PPBV		98
30) 3-CHLOROPROPENE	5.83	76	142543	14.47	PPBV		96
31) FREON 113	5.91	151	489854	14.81	PPBV		98
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	297076	15.01	PPBV		99
33) TERTIARY BUTYL ALCOHOL	5.71	59	726022	14.34	PPBV		100
34) METHYL TERTIARY BUTYL ETHE	6.52	73	880084	14.59	PPBV		100
35) TETRAHYDROFURAN	7.67	72	164239	15.22	PPBV		99
36) HEXANE	7.20	57	521421	14.23	PPBV		100
37) VINYL ACETATE	6.61	86	70828	15.29	PPBV	#	94
38) 1,1-DICHLOROETHANE	6.52	63	583786	14.03	PPBV		100
39) METHYL ETHYL KETONE	6.78	72	165662	14.82	PPBV		97
40) cis-1,2-DICHLOROETHYLENE	7.16	96	303191	14.92	PPBV		99
41) DIISOPROPYL ETHER	7.22	45	1226449	14.13	PPBV		100
42) ETHYL ACETATE	7.28	61	123799	15.03	PPBV	#	89
43) METHYL ACRYLATE	7.29	55	547126	14.53	PPBV		100
44) CHLOROFORM	7.36	83	585375	14.53	PPBV		99
45) 2,4-DIMETHYLPENTANE	7.90	57	671917	14.41	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.15	97	577903	14.56	PPBV		100
47) CARBON TETRACHLORIDE	8.68	117	571474	14.80	PPBV		100
48) 1,2-DICHLOROETHANE	7.95	62	350077	14.93	PPBV		100
50) BENZENE	8.55	78	951009	14.62	PPBV		100
51) CYCLOHEXANE	8.72	84	521630	14.53	PPBV		98
52) 2,3-DIMETHYLPENTANE	8.91	71	240361	13.96	PPBV		98

(#) = qualifier out of range (m) = manual integration
3W38290.D M3W1462.M Thu Jan 16 12:23:38 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38290.D Vial: 1
Acq On : 15 Jan 2014 9:48 pm Operator: YOUMINH
Sample : IC1462-15 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:21 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

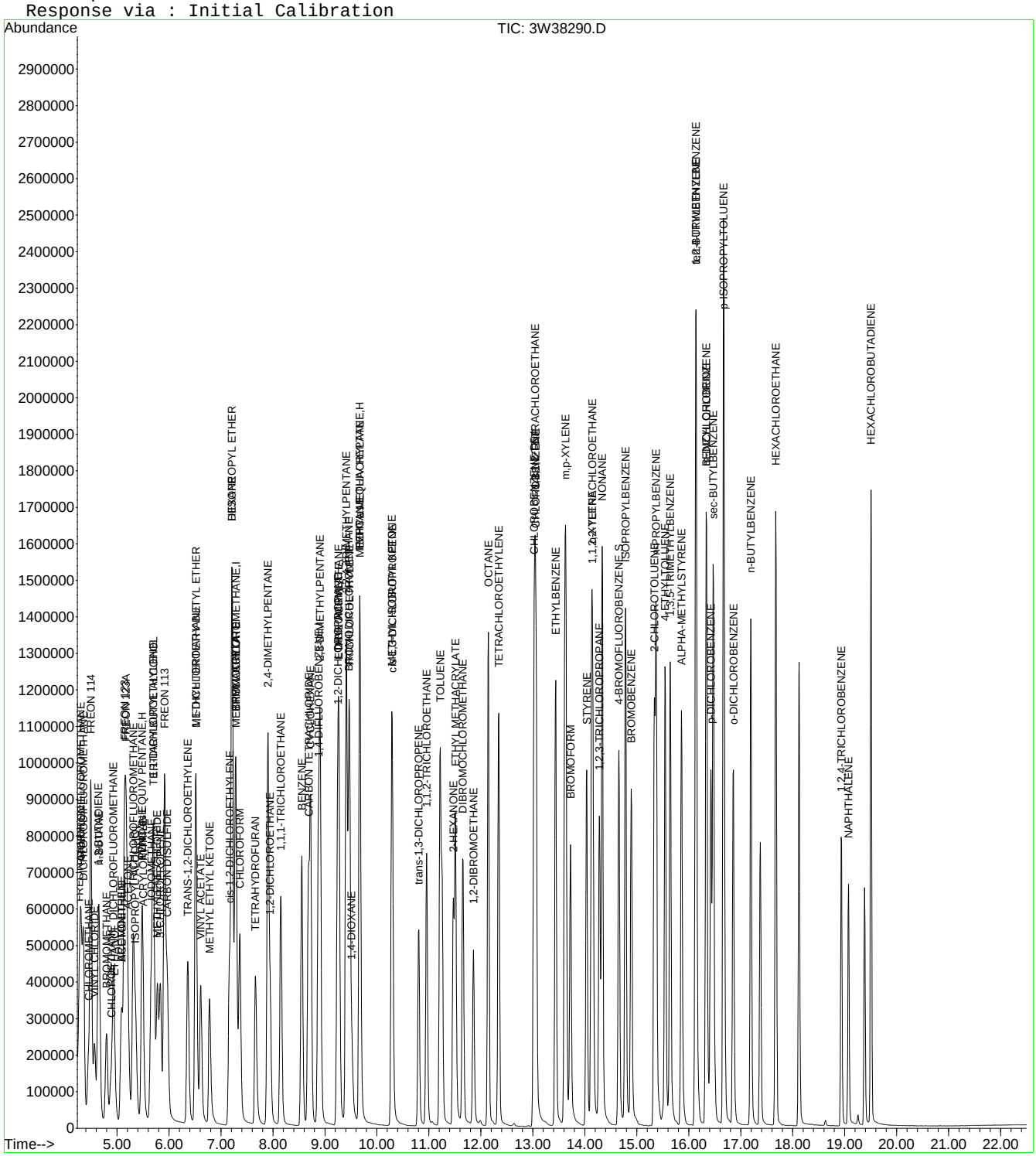
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.48	95	355775	14.32	PPBV	99
54)	1,2-DICHLOROPROPANE	9.24	63	377904	14.88	PPBV	100
55)	DIBROMOMETHANE	9.27	174	312460	15.78	PPBV	100
56)	ETHYL ACRYLATE	9.27	55	683170	14.93	PPBV	100
57)	BROMODICHLOROMETHANE	9.45	83	578864	15.17	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	1653658	14.23	PPBV	100
59)	1,4-DIOXANE	9.52	88	214051	14.49	PPBV	99
60)	HEPTANE	9.67	43	622266	13.34	PPBV	98
61)	TVHC as EQUIV HEPTANE	9.67	TIC	3983273m	15.26	PPBV	
62)	METHYL METHACRYLATE	9.68	69	337863	15.80	PPBV	96
63)	METHYL ISOBUTYL KETONE	10.28	58	297183	16.43	PPBV	98
64)	cis-1,3-DICHLOROPROPENE	10.30	75	507124	15.86	PPBV	99
65)	TOLUENE	11.22	92	610142	15.14	PPBV	99
66)	trans-1,3-DICHLOROPROPENE	10.81	75	428479	16.51	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.96	83	309896	15.17	PPBV	100
69)	2-HEXANONE	11.47	58	409496	16.15	PPBV	98
70)	ETHYL METHACRYLATE	11.51	69	566942	16.05	PPBV	100
71)	TETRACHLOROETHYLENE	12.34	164	365499	14.86	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.66	129	554938	15.97	PPBV	100
73)	1,2-DIBROMOETHANE	11.86	107	475526	15.65	PPBV	99
74)	OCTANE	12.14	43	820901	13.64	PPBV	98
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	414240	15.66	PPBV	100
76)	CHLOROBENZENE	13.06	112	724453	15.23	PPBV	99
77)	ETHYLBENZENE	13.44	91	1217997	15.32	PPBV	100
78)	m,p-XYLENE	13.63	106	924493	31.48	PPBV	100
79)	o-XYLENE	14.13	106	456537	15.79	PPBV	98
80)	STYRENE	14.04	104	686394	17.20	PPBV	100
81)	NONANE	14.33	43	796313	15.21	PPBV	98
82)	BROMOFORM	13.73	173	516584	17.01	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	716033	15.73	PPBV	98
85)	1,2,3-TRICHLOROPROPANE	14.28	75	561828	15.48	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	1315591	15.62	PPBV	99
87)	BROMOBENZENE	14.89	77	620891	15.24	PPBV	99
88)	2-CHLOROTOLUENE	15.34	126	327570	16.27	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	355320	16.24	PPBV	100
90)	4-ETHYLTOLUENE	15.54	105	1159552	16.65	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	1013768	16.78	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.86	118	509541	17.54	PPBV	99
93)	tert-BUTYLBENZENE	16.13	134	244420	16.20	PPBV	96
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	948948	16.37	PPBV	99
95)	m-DICHLOROBENZENE	16.34	146	593330	17.15	PPBV	100
96)	BENZYL CHLORIDE	16.34	91	801735	17.78	PPBV	100
97)	p-DICHLOROBENZENE	16.43	146	579999	16.92	PPBV	99
98)	sec-BUTYLBENZENE	16.48	134	296687	16.51	PPBV	96
99)	p-ISOPROPYLTOLUENE	16.67	134	312444	17.26	PPBV	96
100)	o-DICHLOROBENZENE	16.86	146	569887	16.45	PPBV	100
101)	n-BUTYLBENZENE	17.19	134	273979	17.76	PPBV	95
102)	HEXACHLOROETHANE	17.67	117	431634	16.43	PPBV	99
103)	HEXACHLOROBUTADIENE	19.50	225	383273	16.70	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	320259	18.16	PPBV	100
105)	NAPHTHALENE	19.07	128	611960	17.98	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38290.D Vial: 1
Acq On : 15 Jan 2014 9:48 pm Operator: YOUMINH
Sample : IC1462-15 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: M3W1462.RES

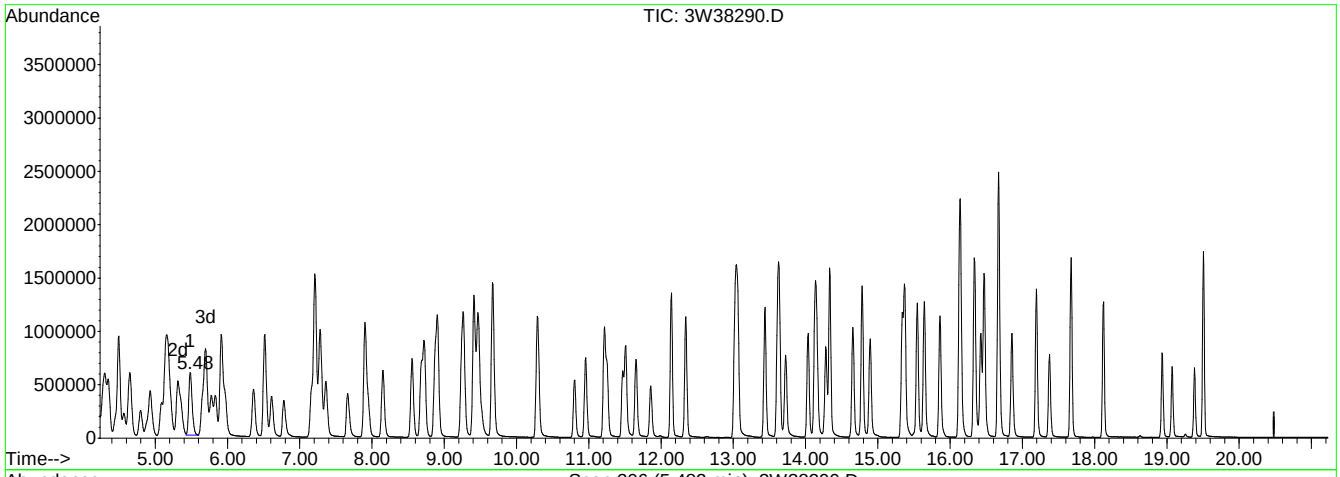
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38290.D Vial: 1
Acq On : 15 Jan 2014 9:48 pm Operator: YOUMINH
Sample : IC1462-15 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38290.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 14.26PPBV m

response 1934263

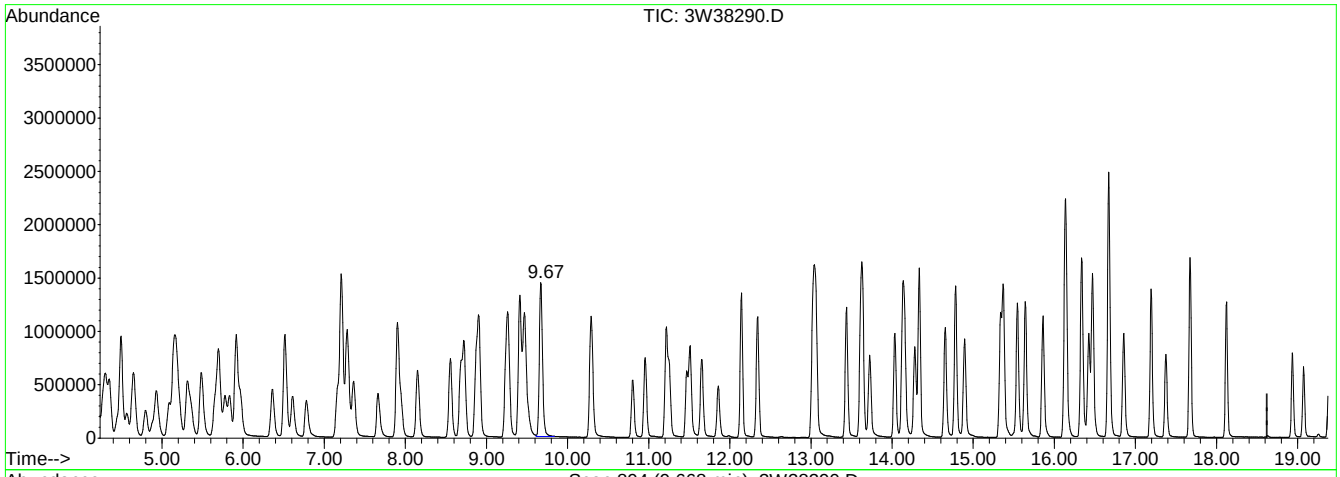
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	4.01#
0.00	2.80	3.54#
0.00	0.00	0.00

3W38290.D M3W1462.M Thu Jan 16 12:26:15 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38290.D Vial: 1
Acq On : 15 Jan 2014 9:48 pm Operator: YOUMINH
Sample : IC1462-15 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38290.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 15.26PPBV m

response 3983273

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.95#
0.00	1.40	1.72#
0.00	0.00	0.00

3W38290.D M3W1462.M Thu Jan 16 12:30:44 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38291.D Vial: 1
Acq On : 15 Jan 2014 10:28 pm Operator: YOUMINH
Sample : ICC1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:24 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	160752	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	838870	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.01	82	419085	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.65	95	505738	10.46	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.60%				
Target Compounds							Qvalue
3) FREON 152A	4.27	65	137800	8.98	PPBV		100
4) CHLORODIFLUOROMETHANE	4.30	67	49066	9.49	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.35	85	502757	9.45	PPBV		100
6) PROPYLENE	4.31	41	222414	9.87	PPBV		100
7) FREON 114	4.49	85	544521	9.45	PPBV		100
8) CHLOROMETHANE	4.45	50	269597	9.48	PPBV		100
9) VINYL CHLORIDE	4.56	62	259522	9.46	PPBV		99
10) 1,3-BUTADIENE	4.63	54	187067	9.60	PPBV		100
11) n-BUTANE	4.65	43	389627	9.54	PPBV		100
12) BROMOMETHANE	4.79	94	211828	9.34	PPBV		100
13) CHLOROETHANE	4.88	64	130648	9.30	PPBV		100
14) DICHLOROFLUOROMETHANE	4.93	67	468945	9.09	PPBV		100
15) ACETONITRILE	5.09	41	155126	8.89	PPBV		100
16) FREON 123	5.14	83	478312	9.46	PPBV		100
17) FREON 123A	5.17	117	269344	9.50	PPBV		100
18) TRICHLOROFLUOROMETHANE	5.31	101	468419	9.48	PPBV		100
19) ISOPROPYL ALCOHOL	5.34	45	417323	8.40	PPBV		100
20) ACETONE	5.21	58	105450	8.52	PPBV		100
21) PENTANE	5.48	42	245703	9.32	PPBV		99
22) TVHC as EQUIV PENTANE	5.48	TIC	1365936m	10.03	PPBV		
23) IODOMETHANE	5.65	142	506629	10.04	PPBV		100
24) 1,1-DICHLOROETHYLENE	5.69	96	204031	9.52	PPBV		100
25) CARBON DISULFIDE	5.96	76	600054	9.65	PPBV		100
26) ETHANOL	4.95	45	95632	8.60	PPBV		100
27) BROMOETHENE	5.08	106	206574	9.72	PPBV		100
28) ACRYLONITRILE	5.50	52	129944	9.77	PPBV		100
29) METHYLENE CHLORIDE	5.77	84	188374	8.98	PPBV		100
30) 3-CHLOROPROPENE	5.83	76	97766	9.88	PPBV		100
31) FREON 113	5.91	151	330357	9.95	PPBV		100
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	200628	10.10	PPBV		100
33) TERTIARY BUTYL ALCOHOL	5.69	59	504546	9.93	PPBV		100
34) METHYL TERTIARY BUTYL ETHE	6.51	73	592655	9.78	PPBV		100
35) TETRAHYDROFURAN	7.65	72	109190	10.08	PPBV		100
36) HEXANE	7.20	57	359094	9.76	PPBV		100
37) VINYL ACETATE	6.60	86	45065	9.69	PPBV		100
38) 1,1-DICHLOROETHANE	6.51	63	398458	9.54	PPBV		100
39) METHYL ETHYL KETONE	6.77	72	108728	9.69	PPBV		100
40) cis-1,2-DICHLOROETHYLENE	7.16	96	203819	9.99	PPBV		100
41) DIISOPROPYL ETHER	7.21	45	850355	9.76	PPBV		100
42) ETHYL ACETATE	7.27	61	84572	10.23	PPBV		96
43) METHYL ACRYLATE	7.29	55	362779	9.59	PPBV		100
44) CHLOROFORM	7.36	83	392233	9.70	PPBV		100
45) 2,4-DIMETHYLPENTANE	7.90	57	460722	9.84	PPBV		100
46) 1,1,1-TRICHLOROETHANE	8.15	97	390041	9.79	PPBV		100
47) CARBON TETRACHLORIDE	8.68	117	386418	9.97	PPBV		100
48) 1,2-DICHLOROETHANE	7.94	62	230453	9.79	PPBV		100
50) BENZENE	8.55	78	639608	9.79	PPBV		100
51) CYCLOHEXANE	8.72	84	352871	9.78	PPBV		100
52) 2,3-DIMETHYLPENTANE	8.90	71	164052	9.48	PPBV		100

(#) = qualifier out of range (m) = manual integration
3W38291.D M3W1462.M Thu Jan 16 12:23:40 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38291.D Vial: 1
Acq On : 15 Jan 2014 10:28 pm Operator: YOUMINH
Sample : ICC1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:24 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

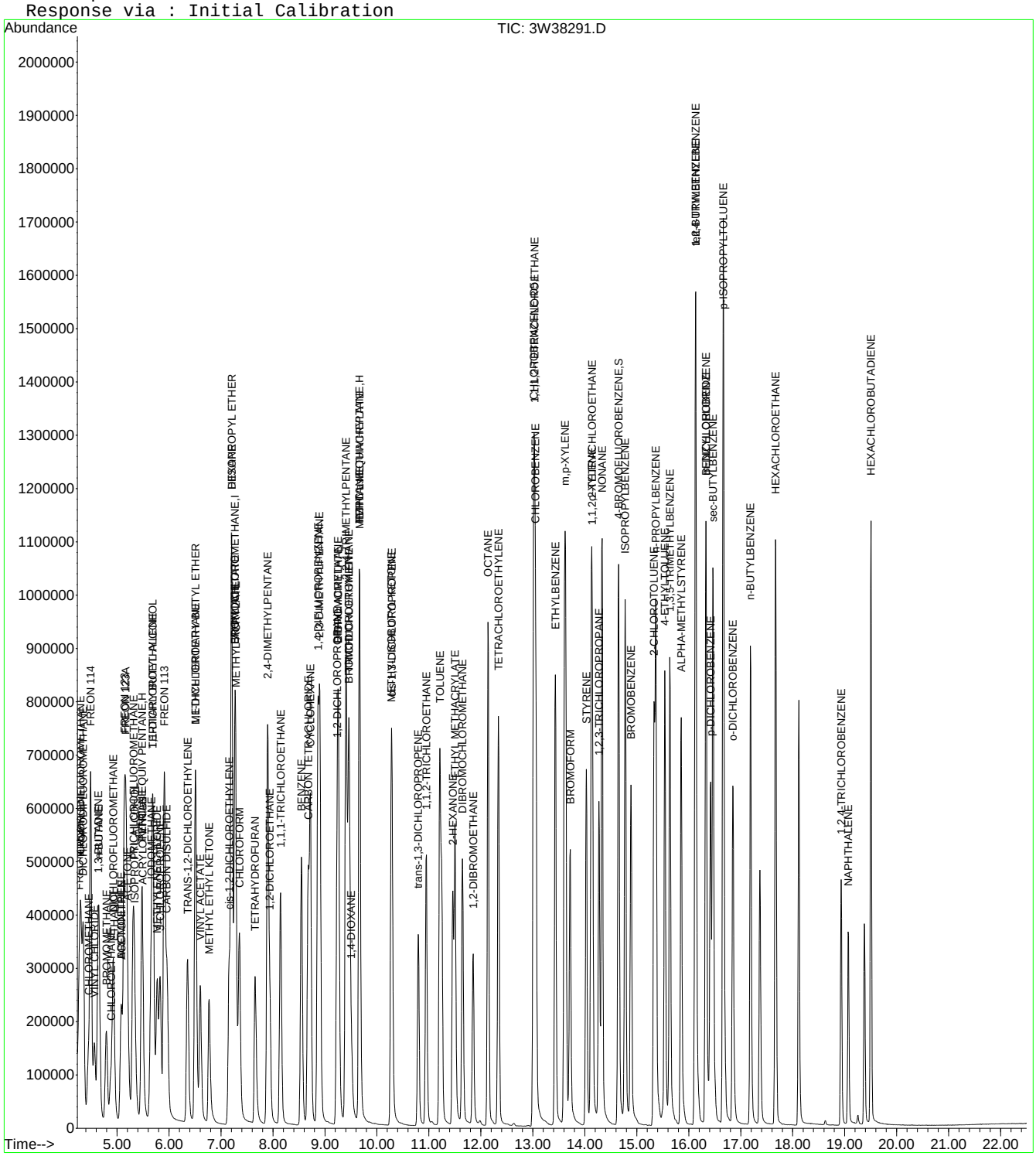
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.47	95	235706	9.44	PPBV	100
54)	1,2-DICHLOROPROPANE	9.23	63	256247	10.04	PPBV	100
55)	DIBROMOMETHANE	9.26	174	206000	10.35	PPBV	100
56)	ETHYL ACRYLATE	9.26	55	466571	10.15	PPBV	100
57)	BROMODICHLOROMETHANE	9.45	83	388451	10.13	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	1150142	9.85	PPBV	100
59)	1,4-DIOXANE	9.51	88	141312	9.52	PPBV	100
60)	HEPTANE	9.66	43	432650	9.23	PPBV	100
61)	TVHC as EQUIV HEPTANE	9.66	TIC	2734360m	10.43	PPBV	
62)	METHYL METHACRYLATE	9.67	69	227439	10.59	PPBV	100
63)	METHYL ISOBUTYL KETONE	10.27	58	199913	11.00	PPBV	100
64)	cis-1,3-DICHLOROPROPENE	10.29	75	336232	10.46	PPBV	100
65)	TOLUENE	11.21	92	408401	10.09	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.79	75	278773	10.69	PPBV	100
67)	1,1,2-TRICHLOROETHANE	10.95	83	206784	10.07	PPBV	100
69)	2-HEXANONE	11.46	58	273002	10.76	PPBV	100
70)	ETHYL METHACRYLATE	11.50	69	376597	10.66	PPBV	100
71)	TETRACHLOROETHYLENE	12.34	164	241084	9.80	PPBV	100
72)	DIBROMOCHLOROMETHANE	11.64	129	364864	10.50	PPBV	100
73)	1,2-DIBROMOETHANE	11.85	107	312182	10.27	PPBV	100
74)	OCTANE	12.14	43	572389	9.51	PPBV	100
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	278677	10.53	PPBV	100
76)	CHLOROBENZENE	13.06	112	482552	10.14	PPBV	100
77)	ETHYLBENZENE	13.43	91	818647	10.29	PPBV	100
78)	m,p-XYLENE	13.62	106	618868	21.06	PPBV	100
79)	o-XYLENE	14.13	106	302414	10.46	PPBV	100
80)	STYRENE	14.03	104	446321	11.18	PPBV	100
81)	NONANE	14.33	43	557012	10.64	PPBV	100
82)	BROMOFORM	13.72	173	334934	11.03	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	474934	10.43	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.27	75	376294	10.37	PPBV	100
86)	ISOPROPYLBENZENE	14.78	105	886015	10.51	PPBV	100
87)	BROMOBENZENE	14.89	77	410912	10.08	PPBV	100
88)	2-CHLOROTOLUENE	15.33	126	214991	10.68	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	233328	10.66	PPBV	100
90)	4-ETHYLTOLUENE	15.54	105	762326	10.94	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	671392	11.11	PPBV	100
92)	ALPHA-METHYLSTYRENE	15.85	118	328762	11.31	PPBV	100
93)	tert-BUTYLBENZENE	16.13	134	161233	10.68	PPBV	100
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	632149	10.90	PPBV	100
95)	m-DICHLOROBENZENE	16.33	146	381458	11.02	PPBV	100
96)	BENZYL CHLORIDE	16.34	91	511223	11.33	PPBV	100
97)	p-DICHLOROBENZENE	16.42	146	375346	10.94	PPBV	100
98)	sec-BUTYLBENZENE	16.47	134	194029	10.79	PPBV	100
99)	p-ISOPROPYLTOLUENE	16.66	134	205039	11.33	PPBV	100
100)	o-DICHLOROBENZENE	16.85	146	369233	10.65	PPBV	100
101)	n-BUTYLBENZENE	17.19	134	173736	11.26	PPBV	100
102)	HEXACHLOROETHANE	17.67	117	283541	10.79	PPBV	100
103)	HEXACHLOROBUTADIENE	19.50	225	250298	10.90	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.93	180	184934	10.49	PPBV	100
105)	NAPHTHALENE	19.07	128	344080	10.11	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38291.D M3W1462.M Thu Jan 16 12:23:40 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38291.D Vial: 1
Acq On : 15 Jan 2014 10:28 pm Operator: YOUMINH
Sample : ICC1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

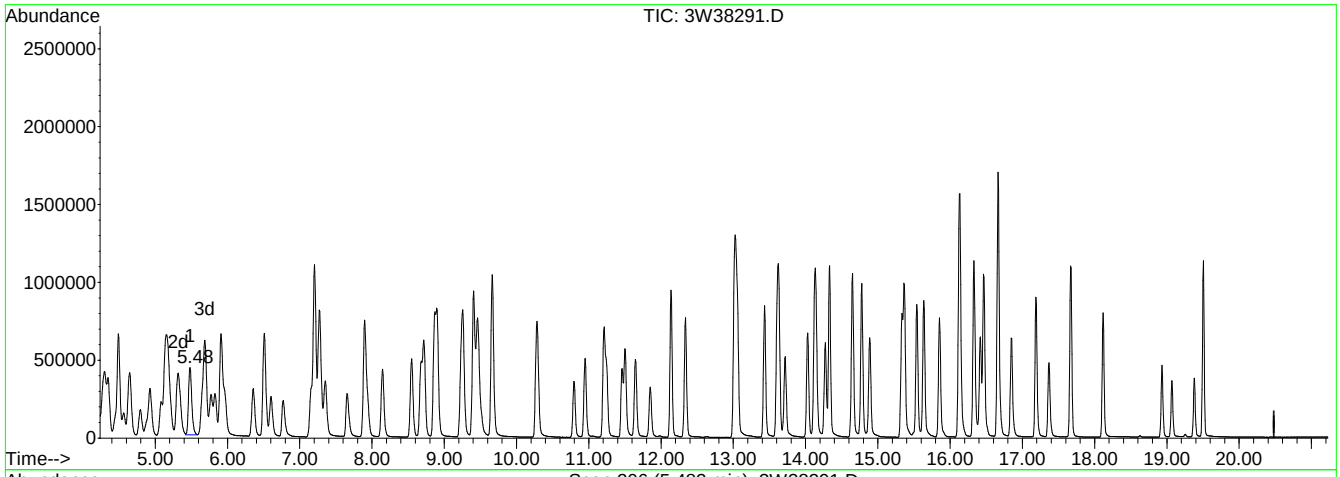


ACCUTEST LABORATORIES JB58146

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38291.D Vial: 1
Acq On : 15 Jan 2014 10:28 pm Operator: YOUMINH
Sample : ICC1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38291.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 10.03PPBV m

response 1365936

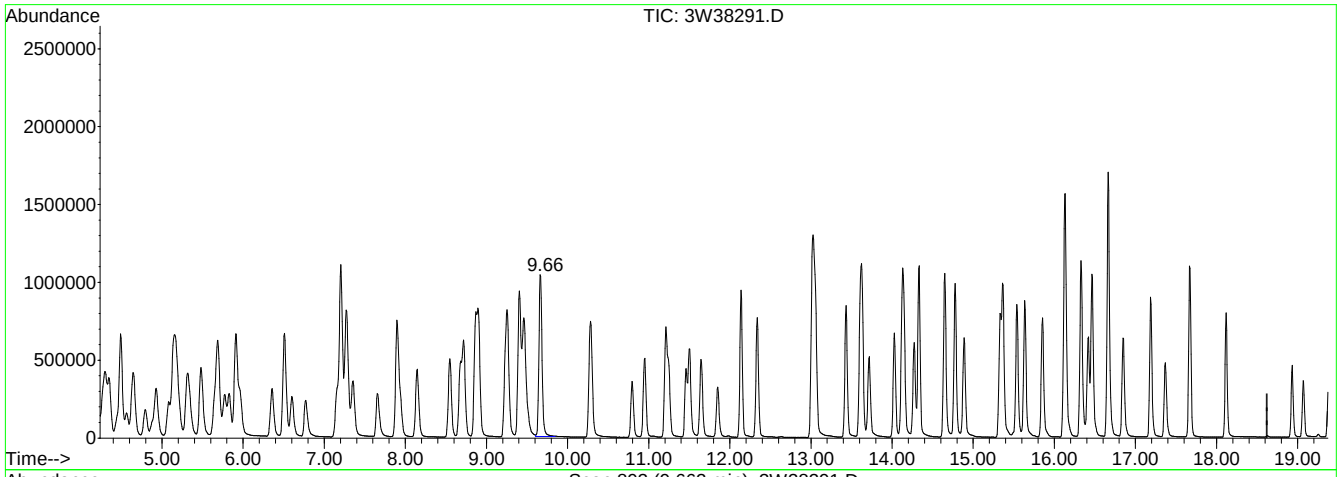
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	3.14#
0.00	2.80	2.82#
0.00	0.00	0.00

3W38291.D M3W1462.M Thu Jan 16 12:26:22 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38291.D Vial: 1
Acq On : 15 Jan 2014 10:28 pm Operator: YOUMINH
Sample : ICC1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38291.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 10.43PPBV m

response 2734360

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.57#
0.00	1.40	1.41#
0.00	0.00	0.00

3W38291.D M3W1462.M Thu Jan 16 12:30:35 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38292.D Vial: 1
Acq On : 15 Jan 2014 11:08 pm Operator: YOUMINH
Sample : IC1462-5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:27 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	159464	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	832620	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.01	82	406615	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.64	95	484449	10.33	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 103.30%			
Target Compounds						Qvalue
3) FREON 152A	4.27	65	71210	4.68	PPBV	100
4) CHLORODIFLUOROMETHANE	4.30	67	25022	4.88	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.35	85	258186	4.89	PPBV	100
6) PROPYLENE	4.31	41	116722	5.22	PPBV	99
7) FREON 114	4.49	85	279163	4.88	PPBV	100
8) CHLOROMETHANE	4.45	50	139005	4.93	PPBV	97
9) VINYL CHLORIDE	4.56	62	132162	4.86	PPBV	99
10) 1,3-BUTADIENE	4.64	54	95345	4.93	PPBV	99
11) n-BUTANE	4.65	43	202208	4.99	PPBV	99
12) BROMOMETHANE	4.79	94	108445	4.82	PPBV	99
13) CHLOROETHANE	4.88	64	66938	4.80	PPBV	98
14) DICHLOROFLUOROMETHANE	4.93	67	248098	4.85	PPBV	99
15) ACETONITRILE	5.10	41	81046	4.68	PPBV	98
16) FREON 123	5.14	83	256977	5.12	PPBV	99
17) FREON 123A	5.17	117	139240	4.95	PPBV	95
18) TRICHLOROFLUOROMETHANE	5.31	101	245231	5.00	PPBV	99
19) ISOPROPYL ALCOHOL	5.34	45	213842	4.34	PPBV	99
20) ACETONE	5.21	58	55601	4.53	PPBV	95
21) PENTANE	5.48	42	131521	5.03	PPBV	100
22) TVHC as EQUIV PENTANE	5.48	TIC	710482m	5.26	PPBV	
23) IODOMETHANE	5.65	142	259038	5.18	PPBV	100
24) 1,1-DICHLOROETHYLENE	5.69	96	105267	4.95	PPBV	98
25) CARBON DISULFIDE	5.96	76	303775	4.93	PPBV	99
26) ETHANOL	4.95	45	48373	4.39	PPBV	98
27) BROMOETHENE	5.08	106	105684	5.01	PPBV	99
28) ACRYLONITRILE	5.50	52	66966	5.08	PPBV	99
29) METHYLENE CHLORIDE	5.77	84	93558	4.50	PPBV	94
30) 3-CHLOROPROPENE	5.83	76	49331	5.03	PPBV	96
31) FREON 113	5.91	151	168683	5.12	PPBV	98
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	99982	5.07	PPBV	98
33) TERTIARY BUTYL ALCOHOL	5.70	59	255160	5.06	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.51	73	296913	4.94	PPBV	99
35) TETRAHYDROFURAN	7.67	72	53343	4.96	PPBV	98
36) HEXANE	7.20	57	186452	5.11	PPBV	98
37) VINYL ACETATE	6.60	86	22576	4.89	PPBV	98
38) 1,1-DICHLOROETHANE	6.51	63	207617	5.01	PPBV	99
39) METHYL ETHYL KETONE	6.77	72	52894	4.75	PPBV	93
40) cis-1,2-DICHLOROETHYLENE	7.16	96	102146	5.05	PPBV	98
41) DIISOPROPYL ETHER	7.21	45	439471	5.08	PPBV	95
42) ETHYL ACETATE	7.27	61	41935	5.11	PPBV	95
43) METHYL ACRYLATE	7.29	55	178556	4.76	PPBV	99
44) CHLOROFORM	7.36	83	199807	4.98	PPBV	100
45) 2,4-DIMETHYLPENTANE	7.90	57	235255	5.07	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.15	97	198045	5.01	PPBV	100
47) CARBON TETRACHLORIDE	8.68	117	195047	5.07	PPBV	99
48) 1,2-DICHLOROETHANE	7.94	62	116397	4.98	PPBV	100
50) BENZENE	8.55	78	325265	5.01	PPBV	100
51) CYCLOHEXANE	8.72	84	178922	5.00	PPBV	99
52) 2,3-DIMETHYLPENTANE	8.90	71	82681	4.81	PPBV	92

(#) = qualifier out of range (m) = manual integration
3W38292.D M3W1462.M Thu Jan 16 12:23:41 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38292.D Vial: 1
Acq On : 15 Jan 2014 11:08 pm Operator: YOUMINH
Sample : IC1462-5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:27 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

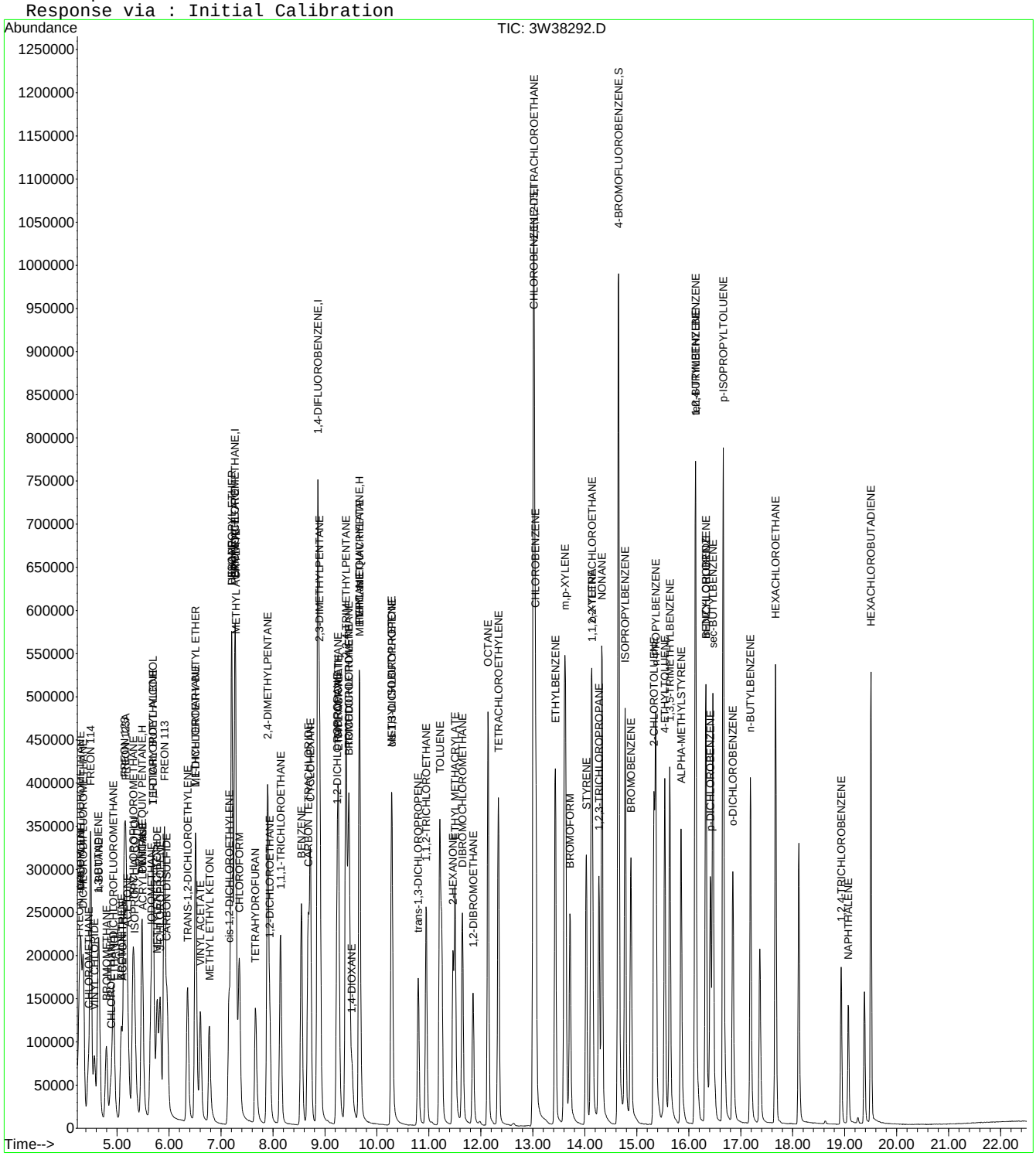
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.47	95	119194	4.81	PPBV	99
54)	1,2-DICHLOROPROPANE	9.23	63	131673	5.20	PPBV	99
55)	DIBROMOMETHANE	9.26	174	101913	5.16	PPBV	98
56)	ETHYL ACRYLATE	9.27	55	226209	4.96	PPBV	99
57)	BROMODICHLOROMETHANE	9.45	83	195637	5.14	PPBV	99
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	596993	5.15	PPBV	100
59)	1,4-DIOXANE	9.52	88	68121	4.62	PPBV	98
60)	HEPTANE	9.66	43	230316	4.95	PPBV	97
61)	TVHC as EQUIV HEPTANE	9.66	TIC	1388203m	5.33	PPBV	
62)	METHYL METHACRYLATE	9.67	69	111673	5.24	PPBV	95
63)	METHYL ISOBUTYL KETONE	10.28	58	95797	5.31	PPBV	97
64)	cis-1,3-DICHLOROPROPENE	10.29	75	166745	5.23	PPBV	99
65)	TOLUENE	11.21	92	202304	5.03	PPBV	99
66)	trans-1,3-DICHLOROPROPENE	10.79	75	130554	5.04	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.95	83	102857	5.05	PPBV	99
69)	2-HEXANONE	11.46	58	127505	5.18	PPBV	97
70)	ETHYL METHACRYLATE	11.50	69	179112	5.22	PPBV	100
71)	TETRACHLOROETHYLENE	12.34	164	118682	4.97	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.64	129	175215	5.20	PPBV	100
73)	1,2-DIBROMOETHANE	11.85	107	151156	5.12	PPBV	100
74)	OCTANE	12.14	43	293754	5.03	PPBV	98
75)	1,1,1,2-TETRACHLOROETHANE	13.03	131	135210	5.27	PPBV	99
76)	CHLOROBENZENE	13.06	112	234157	5.07	PPBV	98
77)	ETHYLBENZENE	13.43	91	403689	5.23	PPBV	99
78)	m,p-XYLENE	13.62	106	299773	10.52	PPBV	97
79)	o-XYLENE	14.13	106	146928	5.24	PPBV	99
80)	STYRENE	14.03	104	208607	5.39	PPBV	100
81)	NONANE	14.33	43	282960	5.57	PPBV	99
82)	BROMOFORM	13.71	173	154685	5.25	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	235399	5.33	PPBV	98
85)	1,2,3-TRICHLOROPROPANE	14.27	75	181728	5.16	PPBV	98
86)	ISOPROPYLBENZENE	14.78	105	431133	5.27	PPBV	99
87)	BROMOBENZENE	14.89	77	199677	5.05	PPBV	98
88)	2-CHLOROTOLUENE	15.33	126	102322	5.24	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	109560	5.16	PPBV	100
90)	4-ETHYLTOLUENE	15.54	105	359190	5.32	PPBV	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	318299	5.43	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.85	118	149508	5.30	PPBV	100
93)	tert-BUTYLBENZENE	16.12	134	75510	5.16	PPBV	96
94)	1,2,4-TRIMETHYLBENZENE	16.13	105	299514	5.32	PPBV	99
95)	m-DICHLOROBENZENE	16.33	146	173895	5.18	PPBV	100
96)	BENZYL CHLORIDE	16.33	91	223187	5.10	PPBV	99
97)	p-DICHLOROBENZENE	16.41	146	167529	5.03	PPBV	100
98)	sec-BUTYLBENZENE	16.46	134	89857	5.15	PPBV	95
99)	p-ISOPROPYLTOLUENE	16.66	134	93599	5.33	PPBV	96
100)	o-DICHLOROBENZENE	16.85	146	169359	5.04	PPBV	100
101)	n-BUTYLBENZENE	17.19	134	76078	5.08	PPBV	94
102)	HEXACHLOROETHANE	17.67	117	135910	5.33	PPBV	97
103)	HEXACHLOROBUTADIENE	19.50	225	116322	5.22	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.93	180	76089	4.45	PPBV	100
105)	NAPHTHALENE	19.07	128	136634	4.14	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38292.D M3W1462.M Thu Jan 16 12:23:41 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38292.D Vial: 1
Acq On : 15 Jan 2014 11:08 pm Operator: YOUMINH
Sample : IC1462-5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: M3W1462.RES

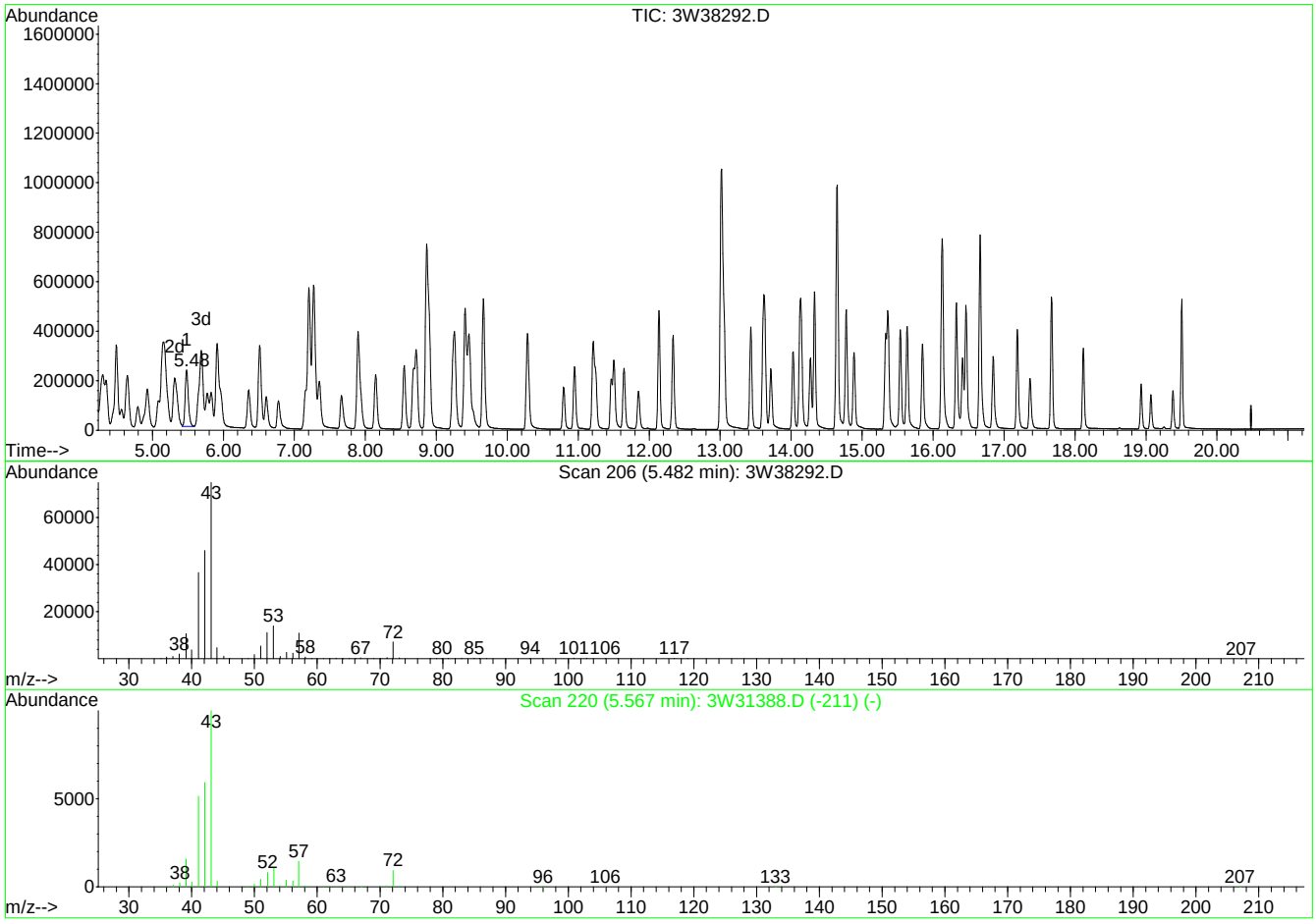
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38292.D Vial: 1
Acq On : 15 Jan 2014 11:08 pm Operator: YOUMINH
Sample : IC1462-5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38292.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 5.26PPBV m

response 710482

Signal	Exp%	Act%
TIC	100	100
0.00	3.10	2.48#
0.00	2.80	2.06#
0.00	0.00	0.00

3W38292.D M3W1462.M Thu Jan 16 12:26:29 2014 MS3W

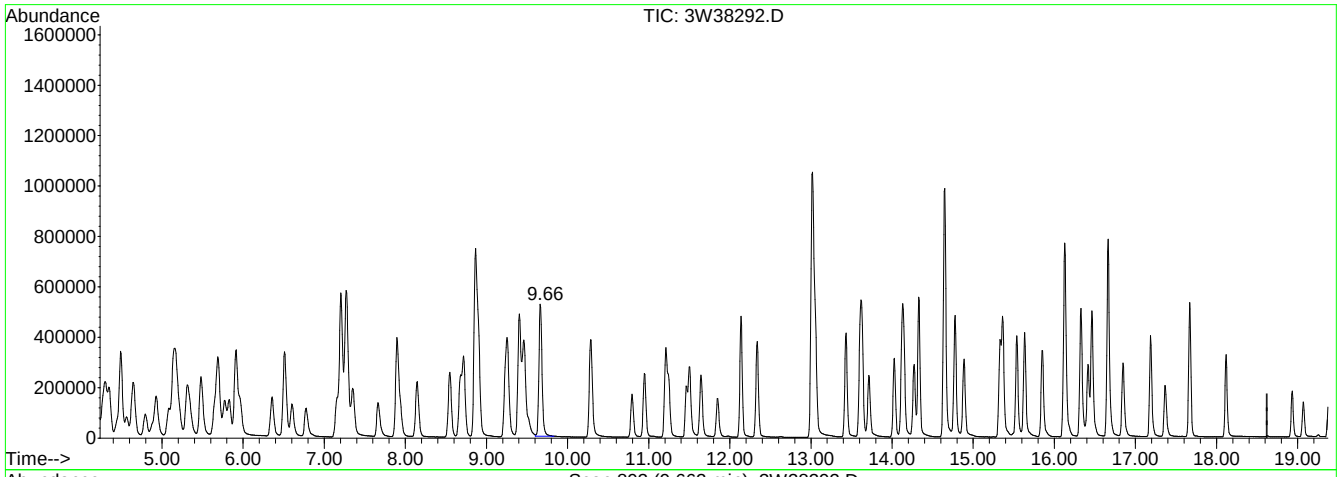
3W38292.D edits: TVHC as EQUIV PENTANE

ACCUTEST LABORATORIES JB58146

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38292.D Vial: 1
Acq On : 15 Jan 2014 11:08 pm Operator: YOUMINH
Sample : IC1462-5 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:47 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38292.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 5.33PPBV m

response 1388203

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.27#
0.00	1.40	1.05#
0.00	0.00	0.00

3W38292.D M3W1462.M Thu Jan 16 12:30:51 2014 MS3W

3W38294.D

Manual Integrations APPROVED (compounds with "m" flag)

Jessica Reitan-Chu 01/17/14 15:35

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:31 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.26	128	149468	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	772970	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.01	82	357175	10.00	PPBV	0.00
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.64	95	383636	9.31	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 93.10%			
Target Compounds						Qvalue
3) FREON 152A	4.27	65	1690	0.12	PPBV #	50
5) DICHLORODIFLUOROMETHANE	4.36	85	5530	0.11	PPBV	97
7) FREON 114	4.49	85	6341	0.12	PPBV	93
9) VINYL CHLORIDE	4.57	62	2880	0.11	PPBV	95
10) 1,3-BUTADIENE	4.64	54	2263	0.12	PPBV	92
12) BROMOMETHANE	4.80	94	2385	0.11	PPBV	94
13) CHLOROETHANE	4.87	64	1539	0.12	PPBV	93
14) DICHLOROFLUOROMETHANE	4.93	67	5645	0.12	PPBV	92
15) ACETONITRILE	5.11	41	1689	0.10	PPBV #	39
16) FREON 123	5.14	83	5278	0.11	PPBV #	93
17) FREON 123A	5.17	117	2958	0.11	PPBV #	82
18) TRICHLOROFLUOROMETHANE	5.30	101	5075	0.11	PPBV	96
21) PENTANE	5.48	42	3072	0.13	PPBV	97
22) TVHC as EQUIV PENTANE	5.48	TIC	12331m	0.10	PPBV	
23) IODOMETHANE	5.65	142	4824	0.10	PPBV	93
24) 1,1-DICHLOROETHYLENE	5.70	96	2240	0.11	PPBV	98
25) CARBON DISULFIDE	5.96	76	6612	0.11	PPBV #	75
27) BROMOETHENE	5.09	106	2190	0.11	PPBV	94
28) ACRYLONITRILE	5.51	52	1222	0.10	PPBV #	66
30) 3-CHLOROPROPENE	5.83	76	981	0.11	PPBV #	72
31) FREON 113	5.91	151	3365	0.11	PPBV	90
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	1802	0.10	PPBV	95
33) TERTIARY BUTYL ALCOHOL	5.74	59	4693	0.10	PPBV	73
34) METHYL TERTIARY BUTYL ETHE	6.53	73	6172	0.11	PPBV	100
35) TETRAHYDROFURAN	7.73	72	957	0.10	PPBV #	66
36) HEXANE	7.20	57	4058	0.12	PPBV	96
38) 1,1-DICHLOROETHANE	6.52	63	4465	0.11	PPBV	99
39) METHYL ETHYL KETONE	6.81	72	935	0.09	PPBV	93
40) cis-1,2-DICHLOROETHYLENE	7.15	96	1985	0.10	PPBV	94
41) DIISOPROPYL ETHER	7.23	45	9201	0.11	PPBV	92
42) ETHYL ACETATE	7.31	61	680	0.09	PPBV #	50
43) METHYL ACRYLATE	7.31	55	3519	0.10	PPBV #	76
44) CHLOROFORM	7.36	83	3999	0.11	PPBV #	79
45) 2,4-DIMETHYLPENTANE	7.90	57	4775	0.11	PPBV	95
46) 1,1,1-TRICHLOROETHANE	8.14	97	3961	0.11	PPBV	99
47) CARBON TETRACHLORIDE	8.68	117	3692	0.10	PPBV	97
48) 1,2-DICHLOROETHANE	7.94	62	2240	0.10	PPBV	97
50) BENZENE	8.55	78	6365	0.11	PPBV	98
51) CYCLOHEXANE	8.72	84	3442	0.10	PPBV	87
53) TRICHLOROETHYLENE	9.47	95	2628	0.11	PPBV	91
54) 1,2-DICHLOROPROPANE	9.23	63	2682m	0.11	PPBV	
55) DIBROMOMETHANE	9.26	174	1628	0.09	PPBV #	78
56) ETHYL ACRYLATE	9.29	55	4399	0.10	PPBV #	93
57) BROMODICHLOROMETHANE	9.45	83	3634	0.10	PPBV	96
58) 2,2,4-TRIMETHYLPENTANE	9.41	57	12117	0.11	PPBV	98
60) HEPTANE	9.66	43	5423	0.13	PPBV	86
61) TVHC as EQUIV HEPTANE	9.66	TIC	23864m	0.10	PPBV	
62) METHYL METHACRYLATE	9.69	69	1848	0.09	PPBV #	1
63) METHYL ISOBUTYL KETONE	10.33	58	1061	0.06	PPBV #	51

(#) = qualifier out of range (m) = manual integration
3W38294.D M3W1462.M Thu Jan 16 12:23:42 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:31 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

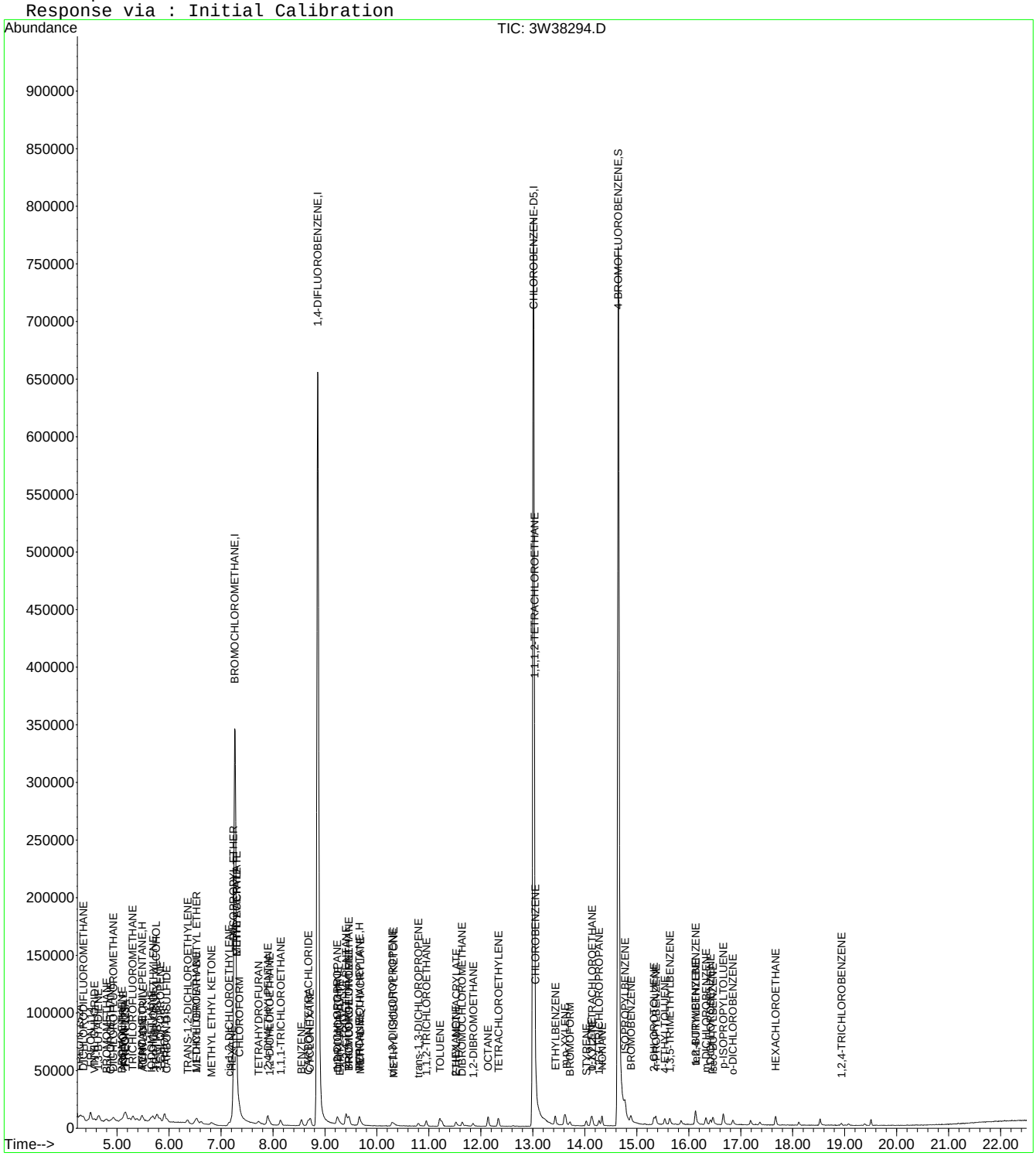
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
64)	cis-1,3-DICHLOROPROPENE	10.29	75	2791	0.09	PPBV		83
65)	TOLUENE	11.21	92	3737	0.10	PPBV		95
66)	trans-1,3-DICHLOROPROPENE	10.79	75	1985	0.08	PPBV	#	76
67)	1,1,2-TRICHLOROETHANE	10.95	83	1874	0.10	PPBV		96
69)	2-HEXANONE	11.51	58	1221	0.06	PPBV	#	1
70)	ETHYL METHACRYLATE	11.53	69	2209	0.07	PPBV	#	93
71)	TETRACHLOROETHYLENE	12.34	164	2256	0.11	PPBV		98
72)	DIBROMOCHLOROMETHANE	11.64	129	2473	0.08	PPBV		96
73)	1,2-DIBROMOETHANE	11.85	107	2486	0.10	PPBV	#	95
74)	OCTANE	12.14	43	6119	0.12	PPBV		88
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	2176	0.10	PPBV		88
76)	CHLOROBENZENE	13.06	112	4309	0.11	PPBV	#	43
77)	ETHYLBENZENE	13.43	91	7004	0.10	PPBV		95
78)	m,p-XYLENE	13.62	106	5166	0.21	PPBV		98
79)	o-XYLENE	14.12	106	2428	0.10	PPBV	#	85
80)	STYRENE	14.03	104	2794	0.08	PPBV		97
81)	NONANE	14.33	43	5206	0.12	PPBV		90
82)	BROMOFORM	13.71	173	1792	0.07	PPBV		98
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	3928	0.10	PPBV		91
85)	1,2,3-TRICHLOROPROPANE	14.28	75	3137	0.10	PPBV		88
86)	ISOPROPYLBENZENE	14.78	105	7351	0.10	PPBV		94
87)	BROMOBENZENE	14.88	77	3669	0.11	PPBV		87
88)	2-CHLOROTOLUENE	15.33	126	1556	0.09	PPBV		95
89)	n-PROPYLBENZENE	15.37	120	1530	0.08	PPBV		100
90)	4-ETHYLTOLUENE	15.54	105	4766	0.08	PPBV	#	99
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	4410	0.09	PPBV		90
93)	tert-BUTYLBENZENE	16.13	134	1140	0.09	PPBV	#	88
94)	1,2,4-TRIMETHYLBENZENE	16.13	105	4167	0.08	PPBV		88
95)	m-DICHLOROBENZENE	16.32	146	2454	0.08	PPBV		99
97)	p-DICHLOROBENZENE	16.42	146	2701	0.09	PPBV		97
98)	sec-BUTYLBENZENE	16.47	134	1202	0.08	PPBV	#	69
99)	p-ISOPROPYLTOLUENE	16.66	134	1091	0.07	PPBV	#	49
100)	o-DICHLOROBENZENE	16.85	146	2402	0.08	PPBV		95
102)	HEXACHLOROETHANE	17.67	117	1821	0.08	PPBV		87
104)	1,2,4-TRICHLOROBENZENE	18.93	180	715	0.05	PPBV		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:50 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Manual Integration Approval Summary

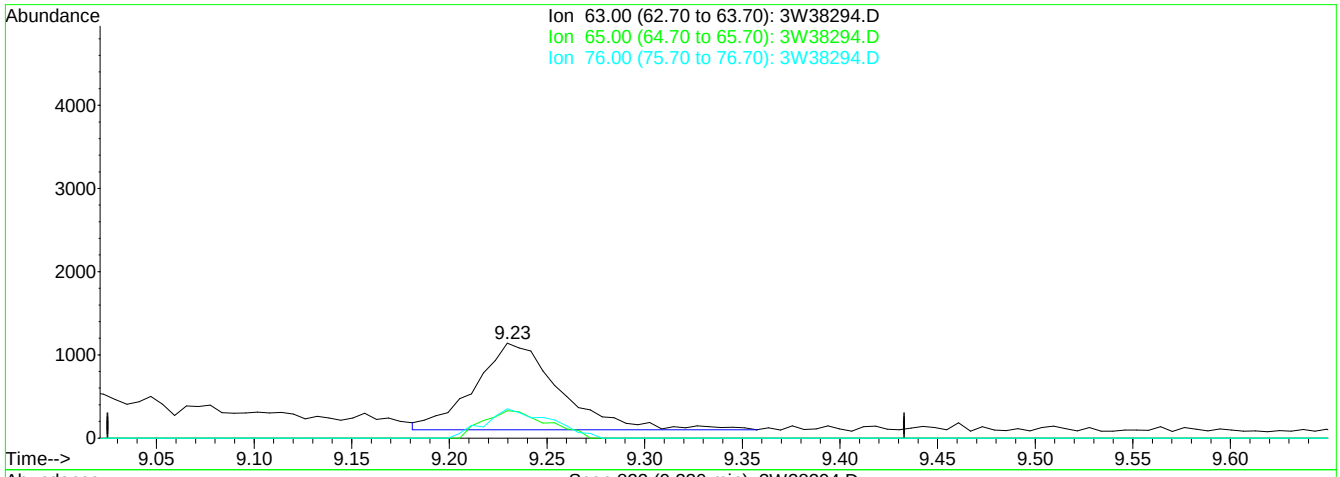
Sample Number: V3W1462-IC1462
Lab FileID: 3W38294.D
Injection Time: 01/16/14 00:28
Method: TO-15
Analyst approved: 01/16/14 12:33 Youmin Hu
Supervisor approved: 01/17/14 15:35 Jessica Reitan-Chu

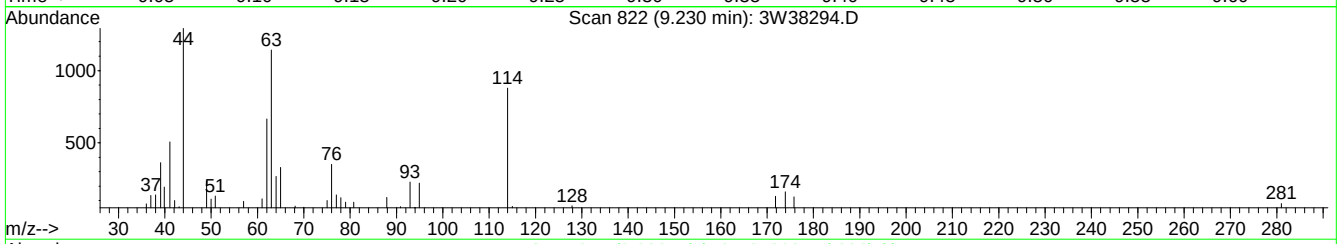
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,2-Dichloropropane	78-87-5		9.23	Poor instrument integration

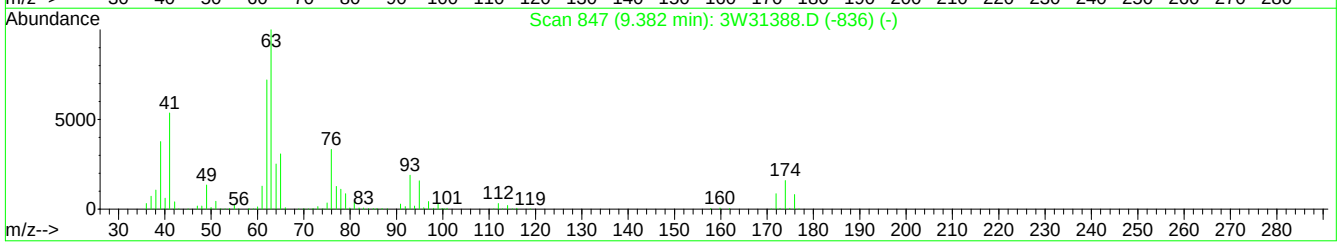
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:49 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:41:57 2014
Response via : Multiple Level Calibration







TIC: 3W38294.D

(54) 1,2-DICHLOROPROPANE

9.23min 0.13PPBV

response 3166

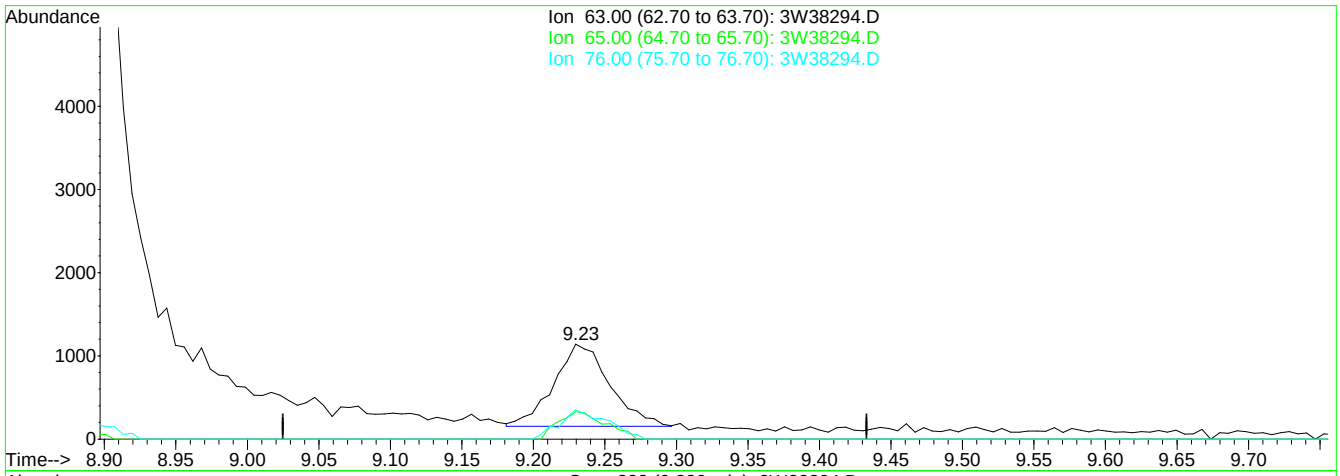
Ion	Exp%	Act%
63.00	100	100
65.00	31.20	23.91
76.00	33.80	25.81
0.00	0.00	0.00

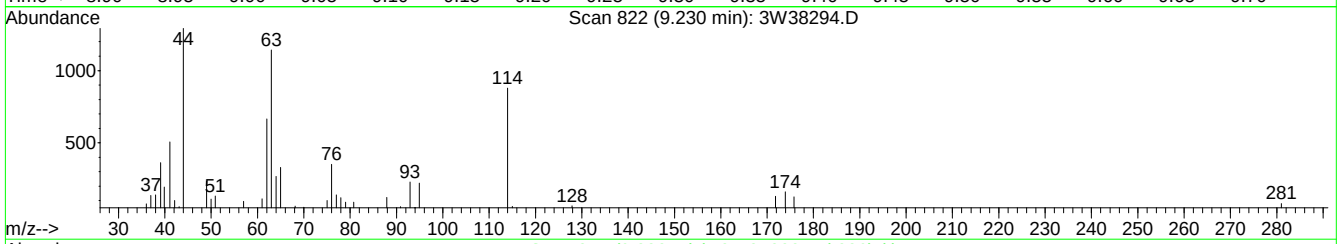
3W38294.D M3W1462.M Thu Jan 16 10:49:39 2014 MS3W

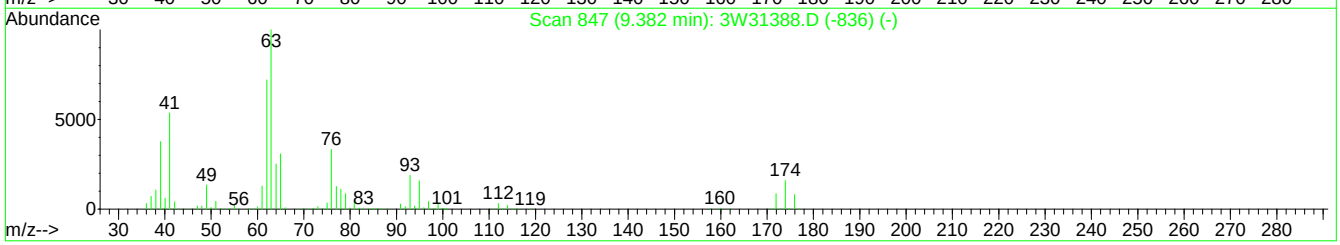
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:50 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38294.D

(54) 1,2-DICHLOROPROPANE

9.23min 0.11PPBV m

response 2682

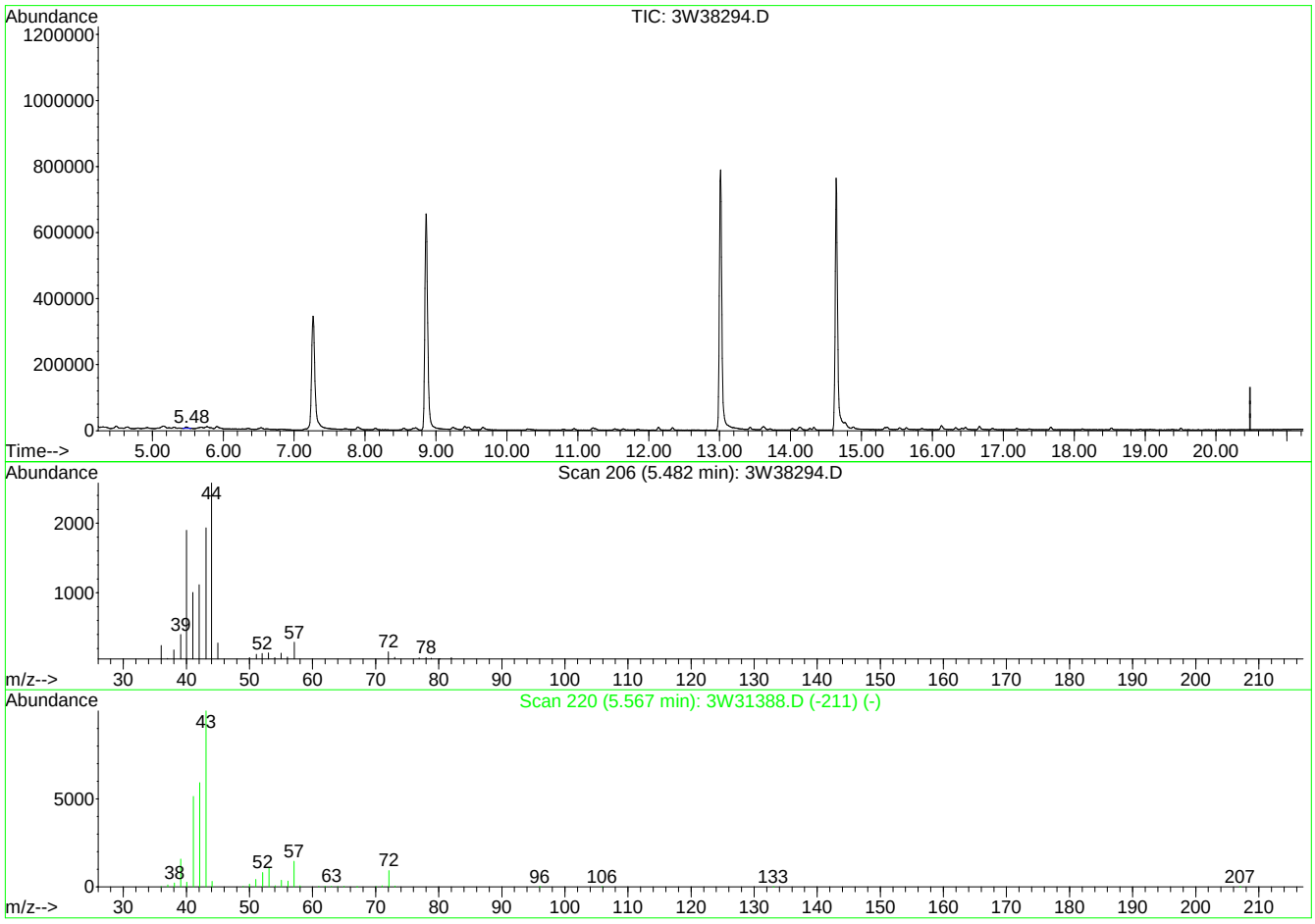
Ion	Exp%	Act%
63.00	100	100
65.00	31.20	28.23
76.00	33.80	30.46
0.00	0.00	0.00

3W38294.D M3W1462.M Thu Jan 16 12:22:42 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:50 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38294.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 0.10PPBV m

response 12331

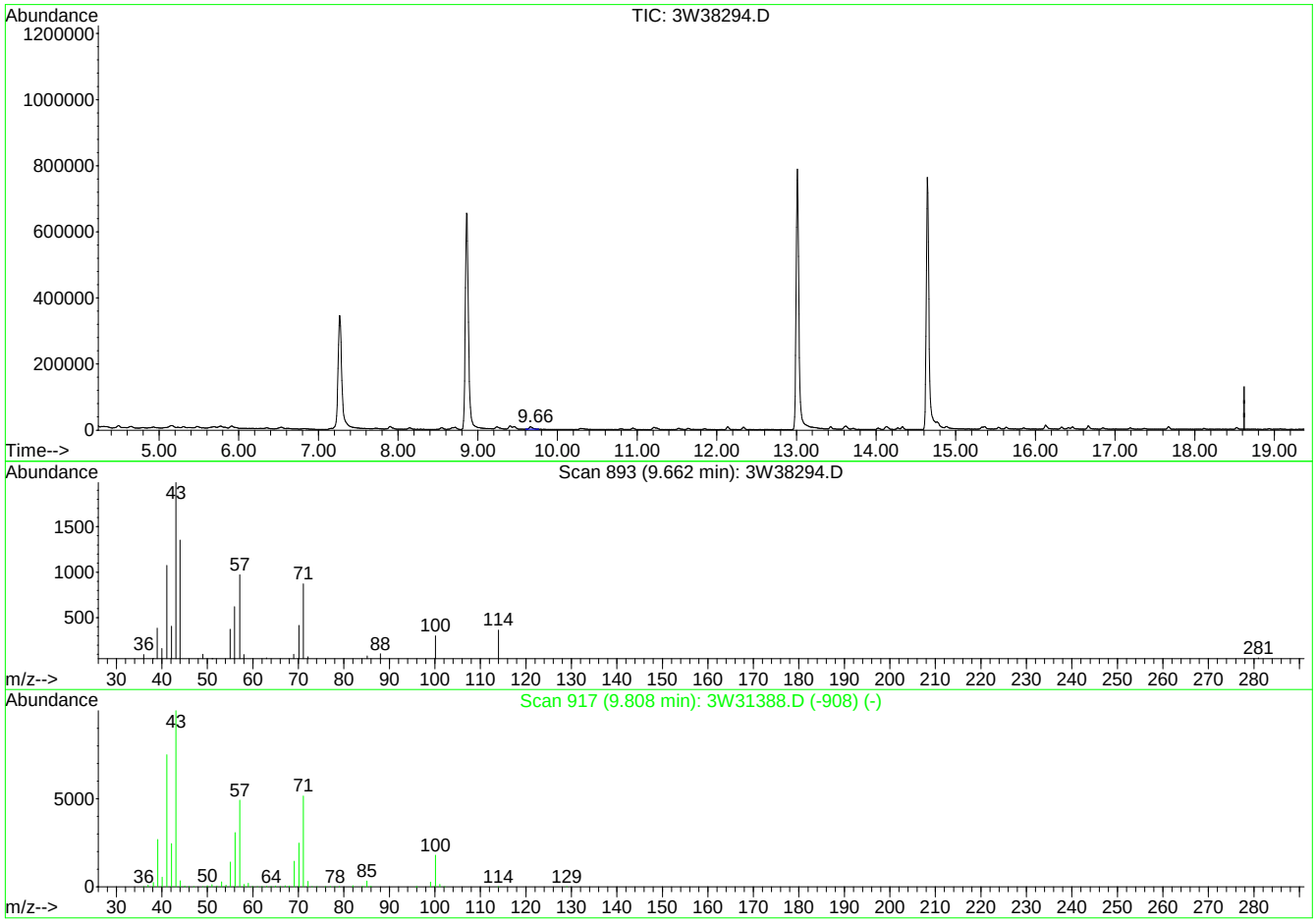
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	0.97#
0.00	2.80	0.94#
0.00	0.00	0.00

3W38294.D M3W1462.M Thu Jan 16 12:26:36 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38294.D Vial: 3
Acq On : 16 Jan 2014 12:28 am Operator: YOUMINH
Sample : IC1462-0.1 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:50 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38294.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 0.10PPBV m

response 23864

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	0.50#
0.00	1.40	0.49#
0.00	0.00	0.00

3W38294.D M3W1462.M Thu Jan 16 12:30:58 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38295.D Vial: 3
Acq On : 16 Jan 2014 1:08 am Operator: YOUMINH
Sample : IC1462-0.04 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:34 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	144539	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	747410	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.01	82	348007	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.64	95	365192	9.10	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 91.00%				
Target Compounds							Qvalue
5) DICHLORODIFLUOROMETHANE	4.36	85	2223	0.05	PPBV		95
7) FREON 114	4.49	85	2250	0.04	PPBV		95
9) VINYL CHLORIDE	4.57	62	1081	0.04	PPBV	#	88
10) 1,3-BUTADIENE	4.64	54	887	0.05	PPBV		96
12) BROMOMETHANE	4.81	94	960	0.05	PPBV	#	86
13) CHLOROETHANE	4.88	64	627	0.05	PPBV	#	58
14) DICHLOROFLUOROMETHANE	4.92	67	2165	0.05	PPBV	#	81
16) FREON 123	5.15	83	2047	0.05	PPBV		96
17) FREON 123A	5.17	117	1056	0.04	PPBV	#	69
18) TRICHLOROFLUOROMETHANE	5.32	101	1916	0.04	PPBV		95
21) PENTANE	5.49	42	1184	0.05	PPBV		91
22) TVHC as EQUIV PENTANE	5.49	TIC	4154m	0.03	PPBV		
23) IODOMETHANE	5.65	142	1839	0.04	PPBV		94
24) 1,1-DICHLOROETHYLENE	5.70	96	919	0.05	PPBV		90
25) CARBON DISULFIDE	5.96	76	2451	0.04	PPBV	#	51
27) BROMOETHENE	5.08	106	800	0.04	PPBV		95
28) ACRYLONITRILE	5.53	52	445	0.04	PPBV	#	57
31) FREON 113	5.92	151	1103	0.04	PPBV	#	76
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	695	0.04	PPBV		93
33) TERTIARY BUTYL ALCOHOL	5.75	59	1777	0.04	PPBV	#	62
34) METHYL TERTIARY BUTYL ETHE	6.55	73	2350	0.04	PPBV		97
36) HEXANE	7.20	57	1466	0.04	PPBV		96
38) 1,1-DICHLOROETHANE	6.51	63	1635	0.04	PPBV		91
40) cis-1,2-DICHLOROETHYLENE	7.15	96	706	0.04	PPBV		95
41) DIISOPROPYL ETHER	7.24	45	3734	0.05	PPBV		87
44) CHLOROFORM	7.35	83	1511	0.04	PPBV	#	81
45) 2,4-DIMETHYLPENTANE	7.90	57	1769	0.04	PPBV		94
46) 1,1,1-TRICHLOROETHANE	8.15	97	1412	0.04	PPBV		97
47) CARBON TETRACHLORIDE	8.67	117	1321	0.04	PPBV		97
48) 1,2-DICHLOROETHANE	7.93	62	797	0.04	PPBV	#	90
50) BENZENE	8.55	78	2431	0.04	PPBV		96
51) CYCLOHEXANE	8.72	84	1319	0.04	PPBV		95
53) TRICHLOROETHYLENE	9.46	95	1039	0.05	PPBV		84
55) DIBROMOMETHANE	9.26	174	597	0.03	PPBV	#	64
56) ETHYL ACRYLATE	9.30	55	1585	0.04	PPBV	#	72
57) BROMODICHLOROMETHANE	9.45	83	1240	0.04	PPBV		96
58) 2,2,4-TRIMETHYLPENTANE	9.40	57	4898	0.05	PPBV	#	95
60) HEPTANE	9.67	43	2367	0.06	PPBV	#	83
61) TVHC as EQUIV HEPTANE	9.67	TIC	8365m	0.04	PPBV		
62) METHYL METHACRYLATE	9.69	69	572	0.03	PPBV	#	1
64) cis-1,3-DICHLOROPROPENE	10.29	75	917	0.03	PPBV	#	50
65) TOLUENE	11.21	92	1431	0.04	PPBV		99
66) trans-1,3-DICHLOROPROPENE	10.80	75	735	0.03	PPBV	#	78
67) 1,1,2-TRICHLOROETHANE	10.95	83	694	0.04	PPBV		91
71) TETRACHLOROETHYLENE	12.34	164	790	0.04	PPBV		98
72) DIBROMOCHLOROMETHANE	11.64	129	819	0.03	PPBV		93
73) 1,2-DIBROMOETHANE	11.85	107	905	0.04	PPBV	#	86
74) OCTANE	12.14	43	2364	0.05	PPBV		83
75) 1,1,1,2-TETRACHLOROETHANE	13.04	131	753	0.03	PPBV		83

(#) = qualifier out of range (m) = manual integration
3W38295.D M3W1462.M Thu Jan 16 12:23:43 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38295.D Vial: 3
Acq On : 16 Jan 2014 1:08 am Operator: YOUMINH
Sample : IC1462-0.04 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:34 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

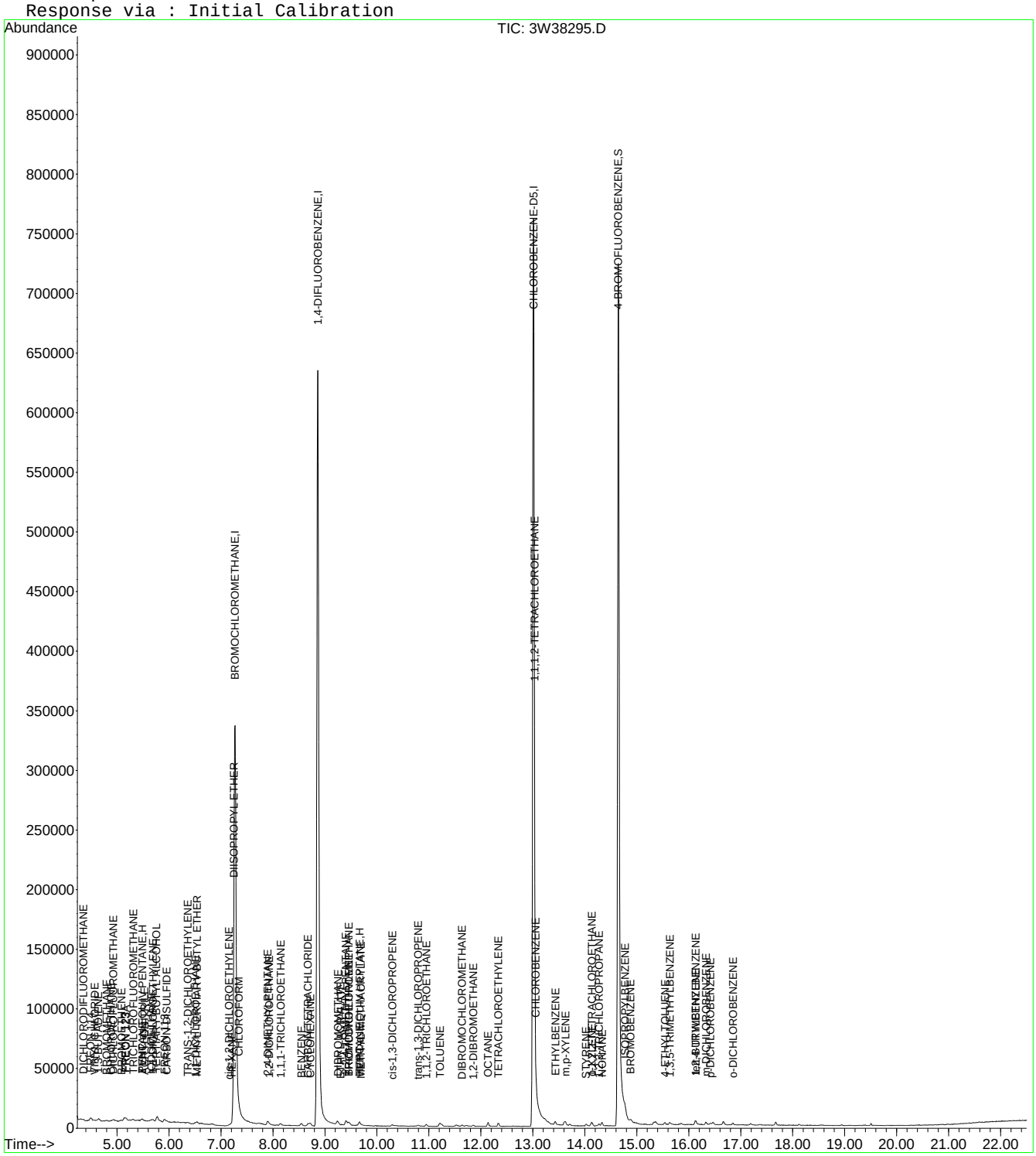
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	CHLOROBENZENE	13.06	112	1603	0.04	PPBV	#	29
77)	ETHYLBENZENE	13.43	91	2472	0.04	PPBV		100
78)	m,p-XYLENE	13.63	106	1638	0.07	PPBV	#	83
79)	o-XYLENE	14.13	106	754	0.03	PPBV	#	67
80)	STYRENE	14.02	104	975	0.03	PPBV		98
81)	NONANE	14.33	43	1791	0.04	PPBV	#	88
84)	1,1,2,2-TETRACHLOROETHANE	14.14	83	1272	0.03	PPBV	#	93
85)	1,2,3-TRICHLOROPROPANE	14.27	75	1081	0.04	PPBV		82
86)	ISOPROPYLBENZENE	14.78	105	2468	0.04	PPBV		91
87)	BROMOBENZENE	14.88	77	1351	0.04	PPBV	#	82
90)	4-ETHYLTOLUENE	15.54	105	1621	0.03	PPBV	#	92
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	1633	0.03	PPBV		93
93)	tert-BUTYLBENZENE	16.13	134	345	0.03	PPBV	#	25
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	1346	0.03	PPBV	#	69
95)	m-DICHLOROBENZENE	16.33	146	908	0.03	PPBV		94
97)	p-DICHLOROBENZENE	16.41	146	873	0.03	PPBV		99
100)	o-DICHLOROBENZENE	16.85	146	773	0.03	PPBV		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38295.D M3W1462.M Thu Jan 16 12:23:43 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38295.D Vial: 3
Acq On : 16 Jan 2014 1:08 am Operator: YOUMINH
Sample : IC1462-0.04 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

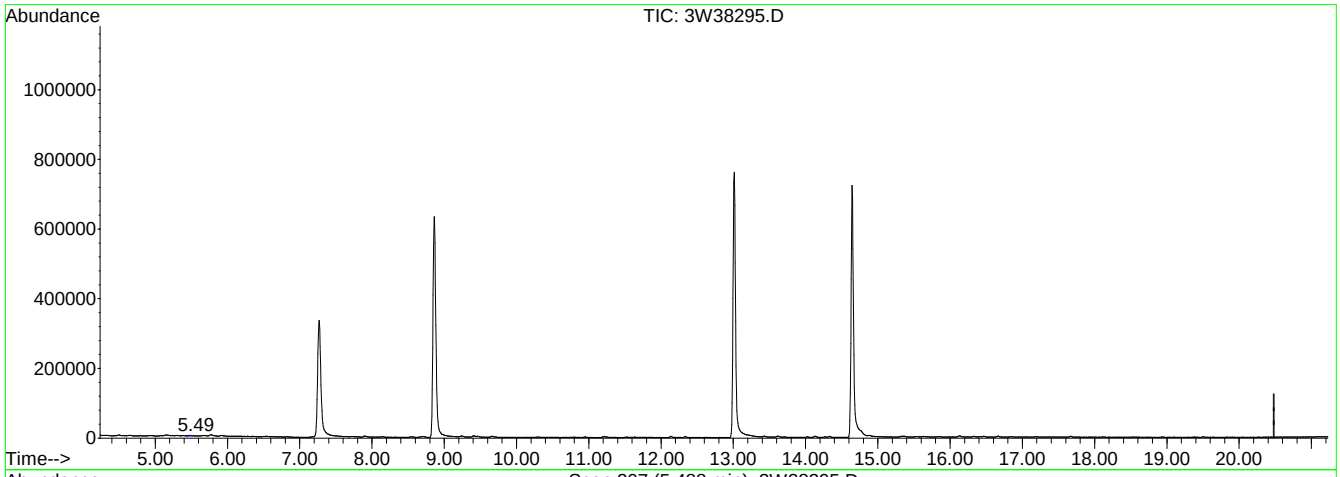


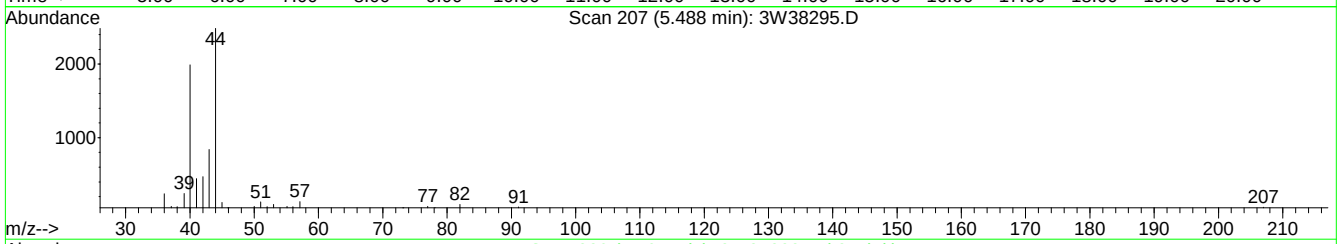
ACCUTEST LABORATORIES JB58146

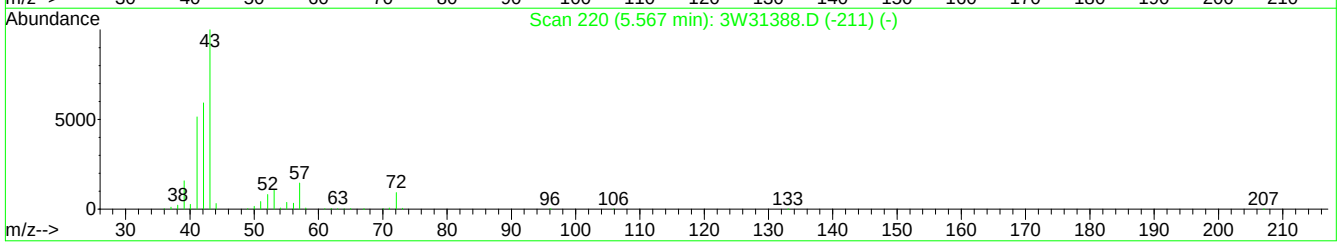
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38295.D Vial: 3
Acq On : 16 Jan 2014 1:08 am Operator: YOUMINH
Sample : IC1462-0.04 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38295.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 0.03PPBV m

response 4154

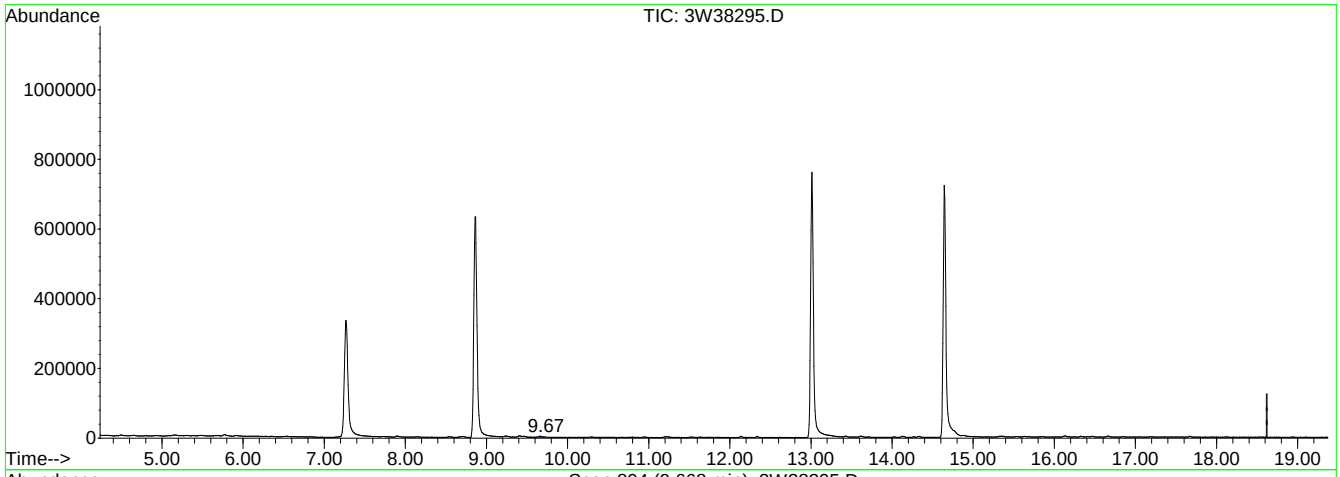
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	0.00
0.00	2.80	0.00
0.00	0.00	0.00

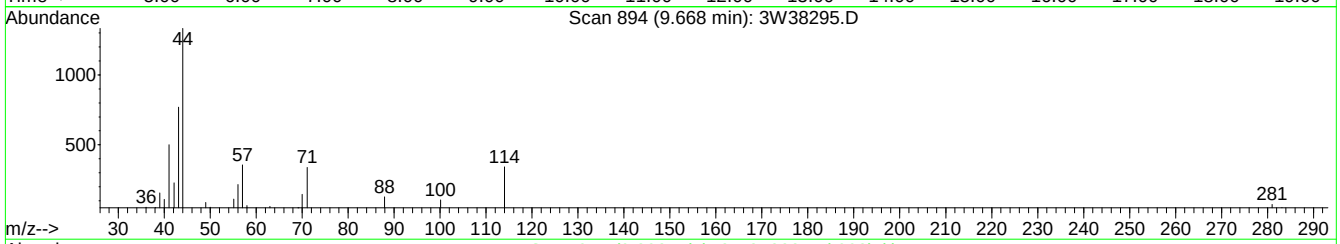
3W38295.D M3W1462.M Thu Jan 16 12:26:43 2014 MS3W

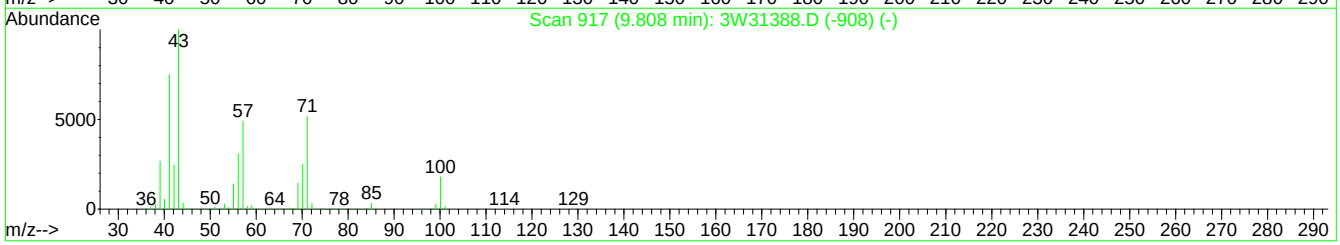
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38295.D Vial: 3
Acq On : 16 Jan 2014 1:08 am Operator: YOUMINH
Sample : IC1462-0.04 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38295.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 0.04PPBV m

response 8365

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	0.00
0.00	1.40	0.00
0.00	0.00	0.00

3W38295.D M3W1462.M Thu Jan 16 12:31:04 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38296.D Vial: 1
Acq On : 16 Jan 2014 1:49 am Operator: YOUMINH
Sample : IC1462-30 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:36 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	153048	10.00	PPBV	0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	801860	10.00	PPBV	0.00
68) CHLOROBENZENE-D5	13.03	82	434347	10.00	PPBV	0.01
System Monitoring Compounds						
83) 4-BROMOFLUOROBENZENE	14.66	95	522049	10.42	PPBV	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.20%			
Target Compounds						Qvalue
3) FREON 152A	4.27	65	398250	27.24	PPBV	99
4) CHLORODIFLUOROMETHANE	4.29	67	150616	30.59	PPBV #	100
5) DICHLORODIFLUOROMETHANE	4.35	85	1473888	29.11	PPBV	99
6) PROPYLENE	4.31	41	647975	30.21	PPBV	99
7) FREON 114	4.49	85	1576737	28.75	PPBV	99
8) CHLOROMETHANE	4.45	50	846327	31.25	PPBV	96
9) VINYL CHLORIDE	4.56	62	797485	30.53	PPBV	100
10) 1,3-BUTADIENE	4.63	54	565119	30.45	PPBV	99
11) n-BUTANE	4.65	43	1156687	29.75	PPBV	99
12) BROMOMETHANE	4.79	94	618315	28.62	PPBV	99
13) CHLOROETHANE	4.88	64	407800	30.49	PPBV	98
14) DICHLOROFLUOROMETHANE	4.93	67	1456633	29.66	PPBV	99
15) ACETONITRILE	5.10	41	527098	31.71	PPBV	94
16) FREON 123	5.14	83	1387271	28.81	PPBV	98
17) FREON 123A	5.17	117	809908	30.00	PPBV	98
18) TRICHLOROFLUOROMETHANE	5.31	101	1421746	30.22	PPBV	99
19) ISOPROPYL ALCOHOL	5.35	45	1357645	28.71	PPBV	99
20) ACETONE	5.21	58	343624	29.18	PPBV	97
21) PENTANE	5.48	42	734169	29.24	PPBV	99
22) TVHC as EQUIV PENTANE	5.48	TIC	4250723m	32.79	PPBV	
23) IODOMETHANE	5.65	142	1429282	29.76	PPBV	95
24) 1,1-DICHLOROETHYLENE	5.69	96	592628	29.03	PPBV	99
25) CARBON DISULFIDE	5.96	76	1743414	29.45	PPBV	98
26) ETHANOL	4.95	45	320073	30.24	PPBV	100
27) BROMOETHENE	5.08	106	602313	29.77	PPBV	99
28) ACRYLONITRILE	5.50	52	419525	33.13	PPBV	98
29) METHYLENE CHLORIDE	5.77	84	545410	27.32	PPBV	92
30) 3-CHLOROPROPENE	5.83	76	302134	32.08	PPBV	95
31) FREON 113	5.91	151	957110	30.27	PPBV	99
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	592885	31.35	PPBV	96
33) TERTIARY BUTYL ALCOHOL	5.70	59	1498048	30.96	PPBV	99
34) METHYL TERTIARY BUTYL ETHE	6.51	73	1718188	29.80	PPBV	99
35) TETRAHYDROFURAN	7.65	72	328112	31.81	PPBV	96
36) HEXANE	7.20	57	990655	28.27	PPBV	99
37) VINYL ACETATE	6.61	86	144385	32.62	PPBV	98
38) 1,1-DICHLOROETHANE	6.51	63	1157253	29.09	PPBV	100
39) METHYL ETHYL KETONE	6.78	72	329549	30.84	PPBV	99
40) cis-1,2-DICHLOROETHYLENE	7.16	96	603135	31.05	PPBV	97
41) DIISOPROPYL ETHER	7.22	45	2283152	27.52	PPBV	99
42) ETHYL ACETATE	7.28	61	247580	31.45	PPBV	97
43) METHYL ACRYLATE	7.30	55	1126355	31.29	PPBV	100
44) CHLOROFORM	7.36	83	1184563	30.76	PPBV	99
45) 2,4-DIMETHYLPENTANE	7.90	57	1325112	29.73	PPBV	99
46) 1,1,1-TRICHLOROETHANE	8.15	97	1181783	31.14	PPBV	99
47) CARBON TETRACHLORIDE	8.68	117	1172839	31.78	PPBV	99
48) 1,2-DICHLOROETHANE	7.95	62	741612	33.08	PPBV	99
50) BENZENE	8.55	78	1886509	30.20	PPBV	99
51) CYCLOHEXANE	8.72	84	1058895	30.70	PPBV	98
52) 2,3-DIMETHYLPENTANE	8.91	71	487400	29.47	PPBV	95

(#) = qualifier out of range (m) = manual integration
3W38296.D M3W1462.M Thu Jan 16 12:23:45 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38296.D Vial: 1
Acq On : 16 Jan 2014 1:49 am Operator: YOUMINH
Sample : IC1462-30 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:36 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

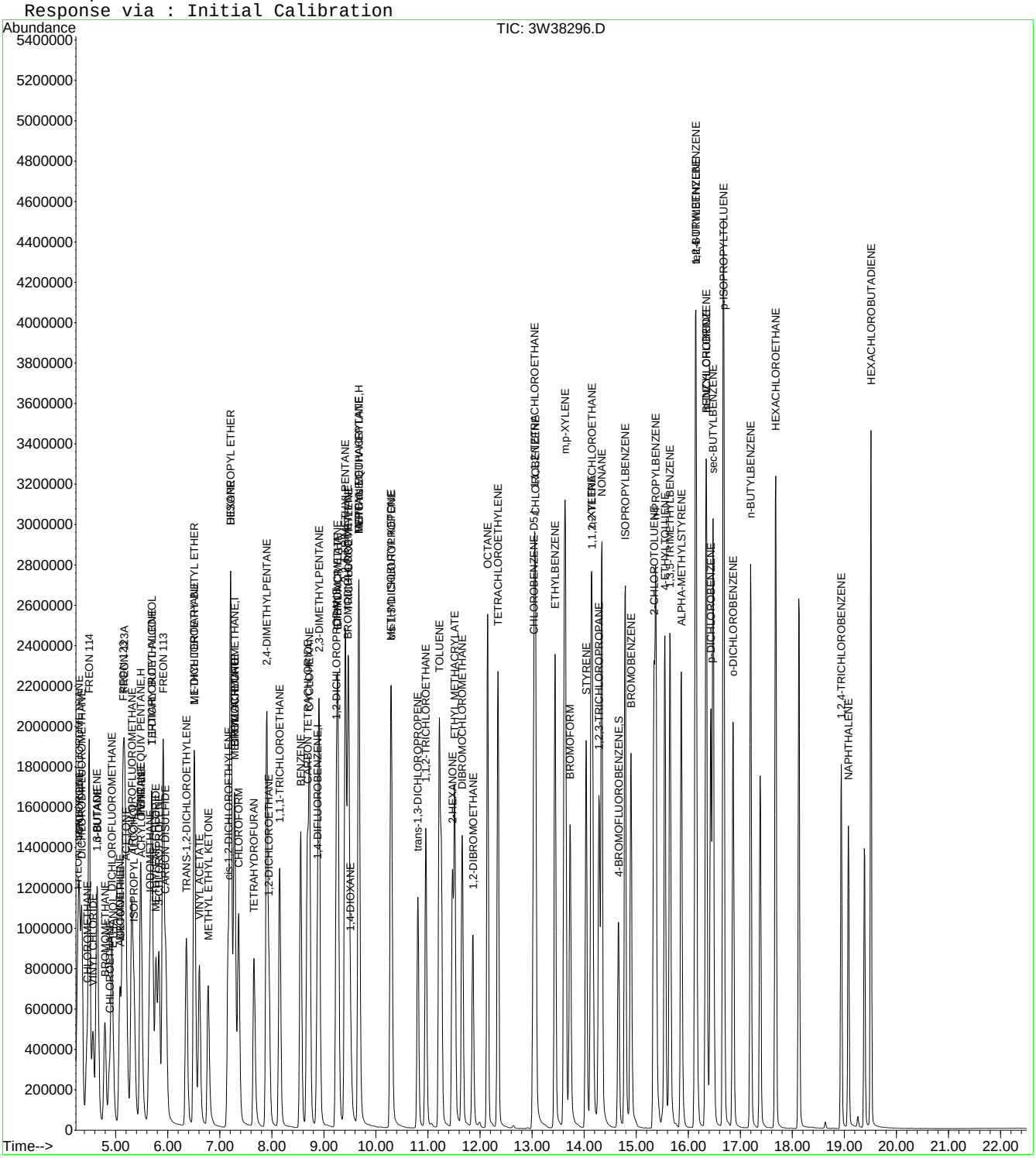
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	TRICHLOROETHYLENE	9.48	95	713520	29.89	PPBV		99
54)	1,2-DICHLOROPROPANE	9.24	63	739068	30.30	PPBV		98
55)	DIBROMOMETHANE	9.27	174	627069	32.97	PPBV		100
56)	ETHYL ACRYLATE	9.27	55	1317441	29.97	PPBV		99
57)	BROMODICHLOROMETHANE	9.45	83	1176080	32.10	PPBV		100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	3148472	28.21	PPBV		99
59)	1,4-DIOXANE	9.52	88	435031	30.66	PPBV		99
60)	HEPTANE	9.67	43	1183899	26.43	PPBV		96
61)	TVHC as EQUIV HEPTANE	9.67	TIC	7806729m	31.14	PPBV		
62)	METHYL METHACRYLATE	9.68	69	665523	32.41	PPBV		94
63)	METHYL ISOBUTYL KETONE	10.28	58	599541	34.50	PPBV		97
64)	cis-1,3-DICHLOROPROPENE	10.30	75	1042663	33.94	PPBV		100
65)	TOLUENE	11.22	92	1208411	31.22	PPBV		97
66)	trans-1,3-DICHLOROPROPENE	10.81	75	907852	36.43	PPBV		98
67)	1,1,2-TRICHLOROETHANE	10.96	83	623630	31.79	PPBV		100
69)	2-HEXANONE	11.47	58	844570	32.12	PPBV		99
70)	ETHYL METHACRYLATE	11.51	69	1144315	31.24	PPBV		99
71)	TETRACHLOROETHYLENE	12.34	164	726605	28.50	PPBV		99
72)	DIBROMOCHLOROMETHANE	11.66	129	1129878	31.37	PPBV		100
73)	1,2-DIBROMOETHANE	11.86	107	963876	30.59	PPBV		100
74)	OCTANE	12.14	43	1578623	25.30	PPBV		96
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	821332	29.96	PPBV		97
76)	CHLOROBENZENE	13.07	112	1426114	28.92	PPBV		99
77)	ETHYLBENZENE	13.44	91	2385869	28.94	PPBV		98
78)	m,p-XYLENE	13.63	106	1799450	59.10	PPBV		97
79)	o-XYLENE	14.13	106	904460	30.18	PPBV		97
80)	STYRENE	14.04	104	1390903	33.63	PPBV		99
81)	NONANE	14.34	43	1489331	27.45	PPBV		95
82)	BROMOFORM	13.73	173	1048219	33.30	PPBV		99
84)	1,1,2,2-TETRACHLOROETHANE	14.16	83	1419308	30.07	PPBV		99
85)	1,2,3-TRICHLOROPROPANE	14.29	75	1137576	30.24	PPBV		98
86)	ISOPROPYLBENZENE	14.79	105	2555869	29.27	PPBV		97
87)	BROMOBENZENE	14.90	77	1271859	30.10	PPBV		100
88)	2-CHLOROTOLUENE	15.34	126	661506	31.70	PPBV		99
89)	n-PROPYLBENZENE	15.37	120	721008	31.78	PPBV		99
90)	4-ETHYLTOLUENE	15.55	105	2299990	31.86	PPBV		97
91)	1,3,5-TRIMETHYLBENZENE	15.65	105	2019364	32.24	PPBV		98
92)	ALPHA-METHYLSTYRENE	15.87	118	1049187	34.83	PPBV		99
93)	tert-BUTYLBENZENE	16.14	134	476694	30.48	PPBV	#	92
94)	1,2,4-TRIMETHYLBENZENE	16.15	105	1849387	30.77	PPBV		98
95)	m-DICHLOROBENZENE	16.34	146	1220384	34.02	PPBV		99
96)	BENZYL CHLORIDE	16.35	91	1681799	35.97	PPBV		99
97)	p-DICHLOROBENZENE	16.43	146	1205950	33.92	PPBV		98
98)	sec-BUTYLBENZENE	16.48	134	611919	32.85	PPBV	#	87
99)	p-ISOPROPYLTOLUENE	16.68	134	611878	32.61	PPBV	#	88
100)	o-DICHLOROBENZENE	16.86	146	1179531	32.83	PPBV		99
101)	n-BUTYLBENZENE	17.20	134	586199	36.66	PPBV	#	86
102)	HEXACHLOROETHANE	17.68	117	876784	32.20	PPBV		99
103)	HEXACHLOROBUTADIENE	19.51	225	771398	32.42	PPBV		99
104)	1,2,4-TRICHLOROBENZENE	18.94	180	704925	38.56	PPBV		99
105)	NAPHTHALENE	19.08	128	1392580	39.46	PPBV		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38296.D M3W1462.M Thu Jan 16 12:23:45 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38296.D Vial: 1
Acq On : 16 Jan 2014 1:49 am Operator: YOUMINH
Sample : IC1462-30 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

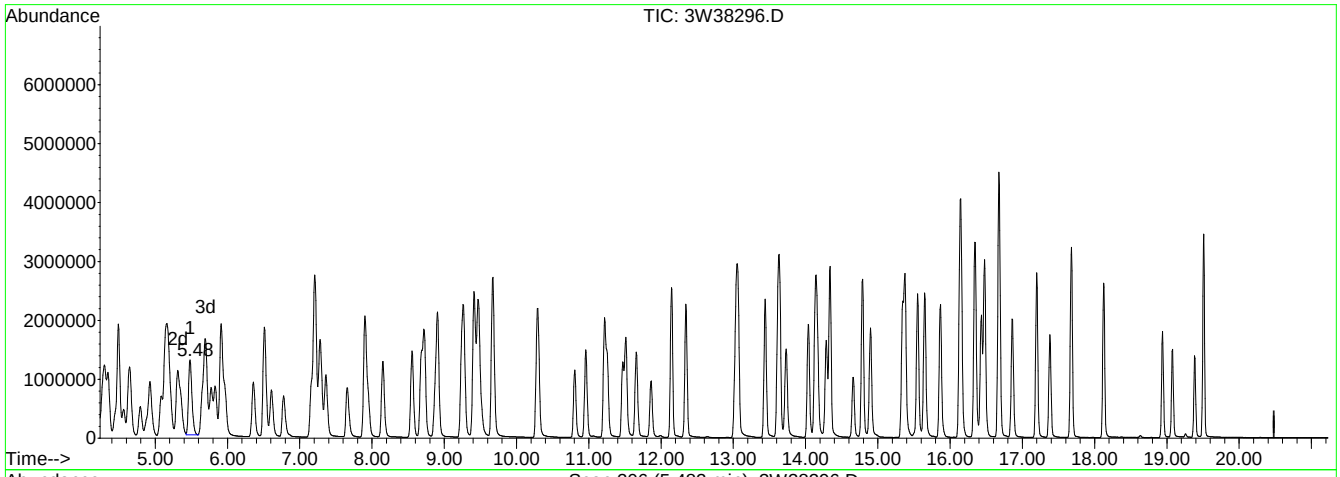


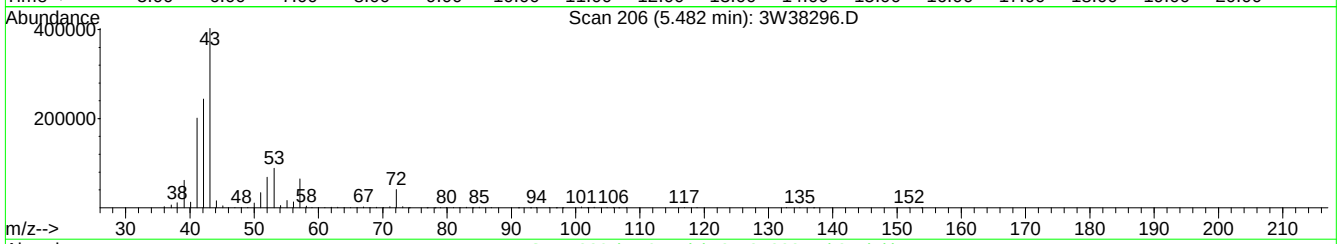
ACCUTEST LABORATORIES JB58146

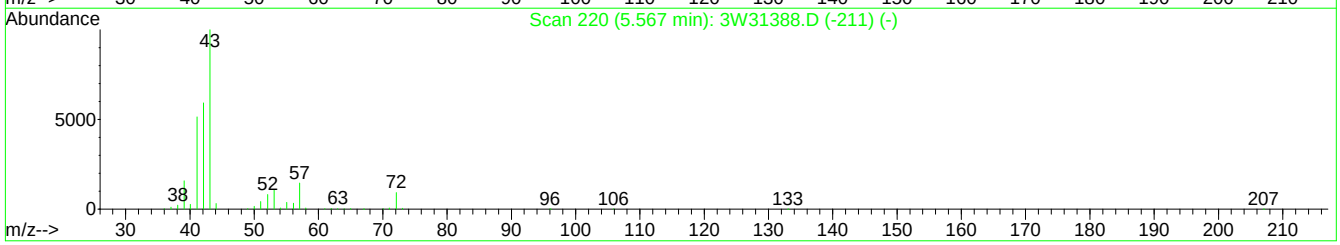
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38296.D Vial: 1
Acq On : 16 Jan 2014 1:49 am Operator: YOUMINH
Sample : IC1462-30 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38296.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 32.79PPBV m

response 4250723

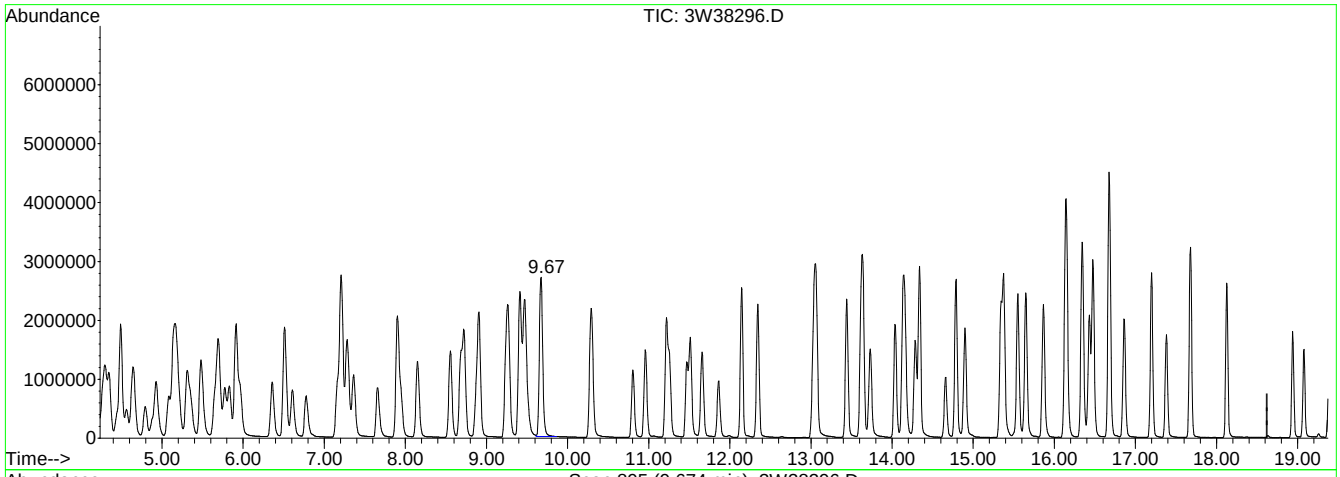
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	4.18#
0.00	2.80	3.71#
0.00	0.00	0.00

3W38296.D M3W1462.M Thu Jan 16 12:26:52 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38296.D Vial: 1
Acq On : 16 Jan 2014 1:49 am Operator: YOUMINH
Sample : IC1462-30 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:53 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38296.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 31.14PPBV m

response 7806729

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	2.27#
0.00	1.40	2.02#
0.00	0.00	0.00

3W38296.D M3W1462.M Thu Jan 16 12:31:11 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38299.D Vial: 1
Acq On : 16 Jan 2014 3:51 am Operator: YOUMINH
Sample : IC1462-40 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:42 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.29	128	169599	10.00	PPBV		0.02
49) 1,4-DIFLUOROBENZENE	8.88	114	880036	10.00	PPBV		0.02
68) CHLOROBENZENE-D5	13.03	82	467142	10.00	PPBV		0.02
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.67	95	562511	10.44	PPBV		0.02
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.40%				
Target Compounds							Qvalue
3) FREON 152A	4.28	65	624300	38.54	PPBV		100
4) CHLORODIFLUOROMETHANE	4.30	67	216793	39.73	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.36	85	2024801	36.09	PPBV		98
6) PROPYLENE	4.32	41	878121	36.94	PPBV		99
7) FREON 114	4.50	85	2118641	34.86	PPBV		98
8) CHLOROMETHANE	4.45	50	1146076	38.19	PPBV		96
9) VINYL CHLORIDE	4.58	62	1109704	38.34	PPBV		100
10) 1,3-BUTADIENE	4.64	54	795545	38.69	PPBV		98
11) n-BUTANE	4.67	43	1583644	36.76	PPBV		99
12) BROMOMETHANE	4.80	94	867216	36.23	PPBV		99
13) CHLOROETHANE	4.89	64	561146	37.86	PPBV		98
14) DICHLOROFLUOROMETHANE	4.93	67	1949665	35.82	PPBV		99
15) ACETONITRILE	5.11	41	679114	36.87	PPBV		94
16) FREON 123	5.15	83	1825280	34.21	PPBV		97
17) FREON 123A	5.18	117	1105505	36.96	PPBV		90
18) TRICHLOROFLUOROMETHANE	5.32	101	1864730	35.77	PPBV		99
19) ISOPROPYL ALCOHOL	5.37	45	1757352	33.53	PPBV		99
20) ACETONE	5.22	58	453700	34.76	PPBV		98
21) PENTANE	5.49	42	907209	32.60	PPBV		97
22) TVHC as EQUIV PENTANE	5.49	TIC	5423440m	37.76	PPBV		
23) IODOMETHANE	5.66	142	1972693	37.07	PPBV		97
24) 1,1-DICHLOROETHYLENE	5.70	96	807458	35.70	PPBV		95
25) CARBON DISULFIDE	5.98	76	2338018	35.64	PPBV		99
26) ETHANOL	4.97	45	431820	36.82	PPBV		100
27) BROMOETHENE	5.09	106	844416	37.66	PPBV		99
28) ACRYLONITRILE	5.51	52	552481	39.37	PPBV		96
29) METHYLENE CHLORIDE	5.79	84	743807	33.62	PPBV		98
30) 3-CHLOROPROPENE	5.84	76	414376	39.71	PPBV		92
31) FREON 113	5.92	151	1312297	37.46	PPBV		95
32) TRANS-1,2-DICHLOROETHYLENE	6.37	96	863769	41.21	PPBV		99
33) TERTIARY BUTYL ALCOHOL	5.73	59	1932888	36.05	PPBV		100
34) METHYL TERTIARY BUTYL ETHE	6.52	73	2394744	37.48	PPBV		99
35) TETRAHYDROFURAN	7.67	72	483883	42.33	PPBV		98
36) HEXANE	7.21	57	1293125	33.30	PPBV		98
37) VINYL ACETATE	6.62	86	214750	43.78	PPBV	#	88
38) 1,1-DICHLOROETHANE	6.52	63	1568595	35.58	PPBV		98
39) METHYL ETHYL KETONE	6.79	72	486034	41.05	PPBV	#	92
40) cis-1,2-DICHLOROETHYLENE	7.17	96	874409	40.62	PPBV		99
41) DIISOPROPYL ETHER	7.23	45	2945791	32.04	PPBV		98
42) ETHYL ACETATE	7.29	61	350928	40.23	PPBV	#	86
43) METHYL ACRYLATE	7.31	55	1557783	39.05	PPBV		99
44) CHLOROFORM	7.37	83	1670867	39.15	PPBV		99
45) 2,4-DIMETHYLPENTANE	7.91	57	1808544	36.61	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.16	97	1651907	39.28	PPBV		99
47) CARBON TETRACHLORIDE	8.69	117	1615124	39.49	PPBV		99
48) 1,2-DICHLOROETHANE	7.96	62	1038451	41.80	PPBV		99
50) BENZENE	8.57	78	2674038	39.00	PPBV		99
51) CYCLOHEXANE	8.73	84	1482399	39.16	PPBV		95
52) 2,3-DIMETHYLPENTANE	8.91	71	675997	37.24	PPBV		90

(#) = qualifier out of range (m) = manual integration
3W38299.D M3W1462.M Thu Jan 16 12:23:46 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38299.D Vial: 1
Acq On : 16 Jan 2014 3:51 am Operator: YOUMINH
Sample : IC1462-40 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:36:42 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 09:22:30 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

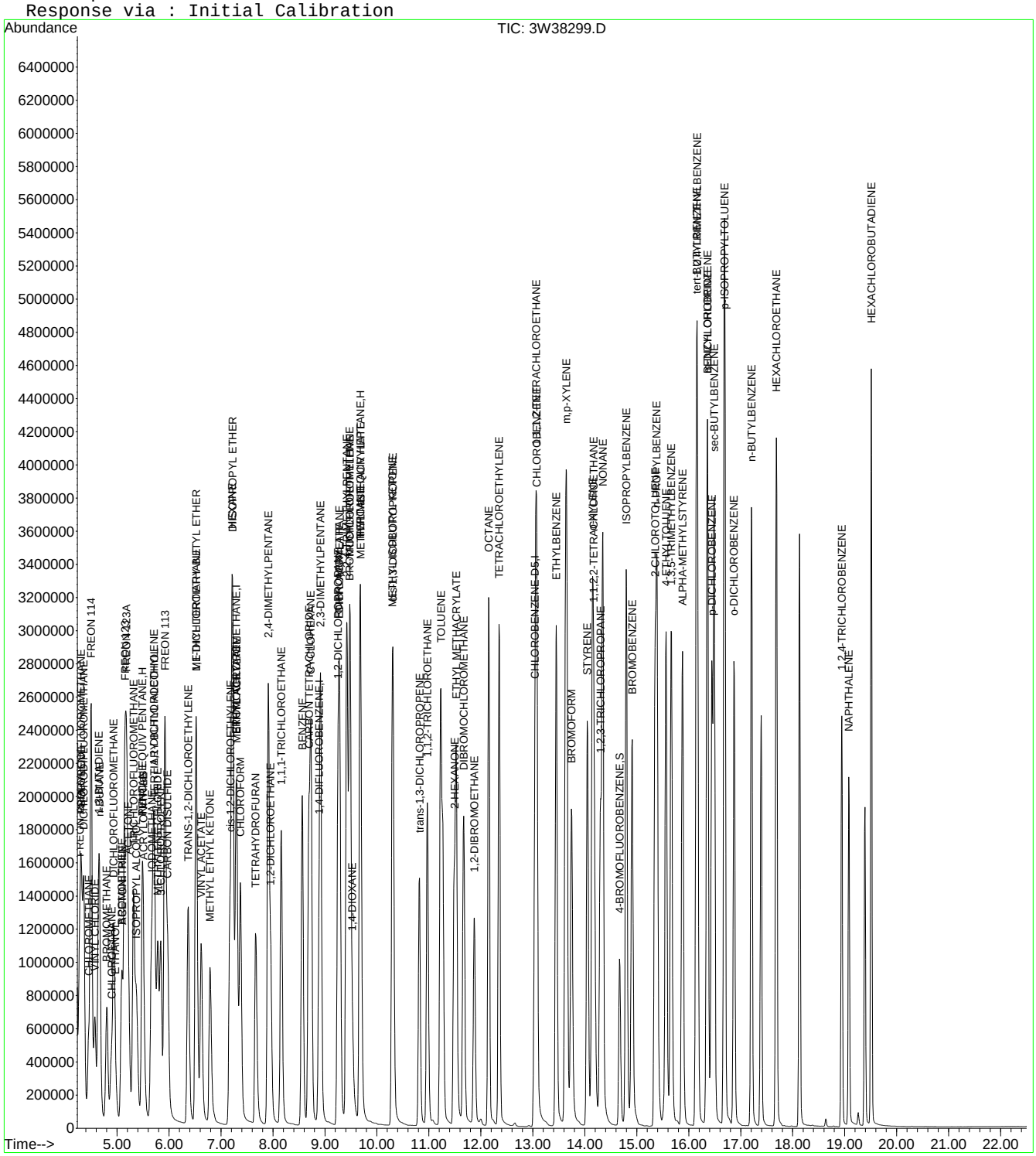
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
53)	TRICHLOROETHYLENE	9.49	95	973725	37.17	PPBV		97
54)	1,2-DICHLOROPROPANE	9.25	63	989514	36.97	PPBV		97
55)	DIBROMOMETHANE	9.28	174	896622	42.96	PPBV		97
56)	ETHYL ACRYLATE	9.28	55	1745676	36.19	PPBV		98
57)	BROMODICHLOROMETHANE	9.47	83	1585376	39.42	PPBV		99
58)	2,2,4-TRIMETHYLPENTANE	9.42	57	4056634	33.11	PPBV		98
59)	1,4-DIOXANE	9.53	88	631209	40.54	PPBV		100
60)	HEPTANE	9.67	43	1502456	30.56	PPBV		92
61)	TVHC as EQUIV HEPTANE	9.68	TIC	10372794m	37.70	PPBV		
62)	METHYL METHACRYLATE	9.69	69	922366	40.93	PPBV	#	89
63)	METHYL ISOBUTYL KETONE	10.29	58	804443	42.18	PPBV		92
64)	cis-1,3-DICHLOROPROPENE	10.31	75	1439141	42.68	PPBV		97
65)	TOLUENE	11.23	92	1713973	40.35	PPBV		96
66)	trans-1,3-DICHLOROPROPENE	10.82	75	1305338	47.72	PPBV		99
67)	1,1,2-TRICHLOROETHANE	10.97	83	896244	41.62	PPBV		100
69)	2-HEXANONE	11.49	58	1161505	41.07	PPBV		96
70)	ETHYL METHACRYLATE	11.52	69	1596967	40.54	PPBV		95
71)	TETRACHLOROETHYLENE	12.35	164	1028457	37.51	PPBV		99
72)	DIBROMOCHLOROMETHANE	11.67	129	1605823	41.45	PPBV		99
73)	1,2-DIBROMOETHANE	11.87	107	1388149	40.96	PPBV		99
74)	OCTANE	12.15	43	2029280	30.23	PPBV		91
75)	1,1,1,2-TETRACHLOROETHANE	13.06	131	1122292	38.06	PPBV		97
76)	CHLOROBENZENE	13.08	112	1956207	36.88	PPBV		99
77)	ETHYLBENZENE	13.45	91	3324474	37.49	PPBV		97
78)	m,p-XYLENE	13.64	106	2488085	75.98	PPBV		94
79)	o-XYLENE	14.15	106	1276748	39.61	PPBV		95
80)	STYRENE	14.05	104	1985604	44.63	PPBV		99
81)	NONANE	14.35	43	1820396	31.19	PPBV		91
82)	BROMOFORM	13.74	173	1499684	44.29	PPBV		98
84)	1,1,2,2-TETRACHLOROETHANE	14.18	83	1972569	38.86	PPBV		100
85)	1,2,3-TRICHLOROPROPANE	14.30	75	1576245	38.96	PPBV		97
86)	ISOPROPYLBENZENE	14.80	105	3531714	37.60	PPBV		96
87)	BROMOBENZENE	14.91	77	1793887	39.48	PPBV		98
88)	2-CHLOROTOLUENE	15.35	126	936382	41.72	PPBV		99
89)	n-PROPYLBENZENE	15.39	120	1019642	41.79	PPBV		100
90)	4-ETHYLTOLUENE	15.56	105	3225721	41.55	PPBV		96
91)	1,3,5-TRIMETHYLBENZENE	15.67	105	2784682	41.33	PPBV		97
92)	ALPHA-METHYLSTYRENE	15.88	118	1491021	46.02	PPBV		98
93)	tert-BUTYLBENZENE	16.15	134	655631	38.98	PPBV	#	88
94)	1,2,4-TRIMETHYLBENZENE	16.17	105	2494749	38.60	PPBV		97
95)	m-DICHLOROBENZENE	16.35	146	1708429	44.28	PPBV		99
96)	BENZYL CHLORIDE	16.37	91	2340872	46.56	PPBV		97
97)	p-DICHLOROBENZENE	16.44	146	1699217	44.44	PPBV		98
98)	sec-BUTYLBENZENE	16.49	134	852006	42.53	PPBV	#	80
99)	p-ISOPROPYLTOLUENE	16.69	134	811238	40.20	PPBV	#	85
100)	o-DICHLOROBENZENE	16.87	146	1662542	43.03	PPBV		98
101)	n-BUTYLBENZENE	17.21	134	851373	49.50	PPBV	#	78
102)	HEXACHLOROETHANE	17.69	117	1172497	40.04	PPBV		98
103)	HEXACHLOROBUTADIENE	19.51	225	1010254	39.47	PPBV		98
104)	1,2,4-TRICHLOROBENZENE	18.95	180	968841	49.28	PPBV		98
105)	NAPHTHALENE	19.08	128	1921930	50.64	PPBV		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38299.D M3W1462.M Thu Jan 16 12:23:46 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38299.D Vial: 1
Acq On : 16 Jan 2014 3:51 am Operator: YOUMINH
Sample : IC1462-40 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:54 2014 Quant Results File: M3W1462.RES

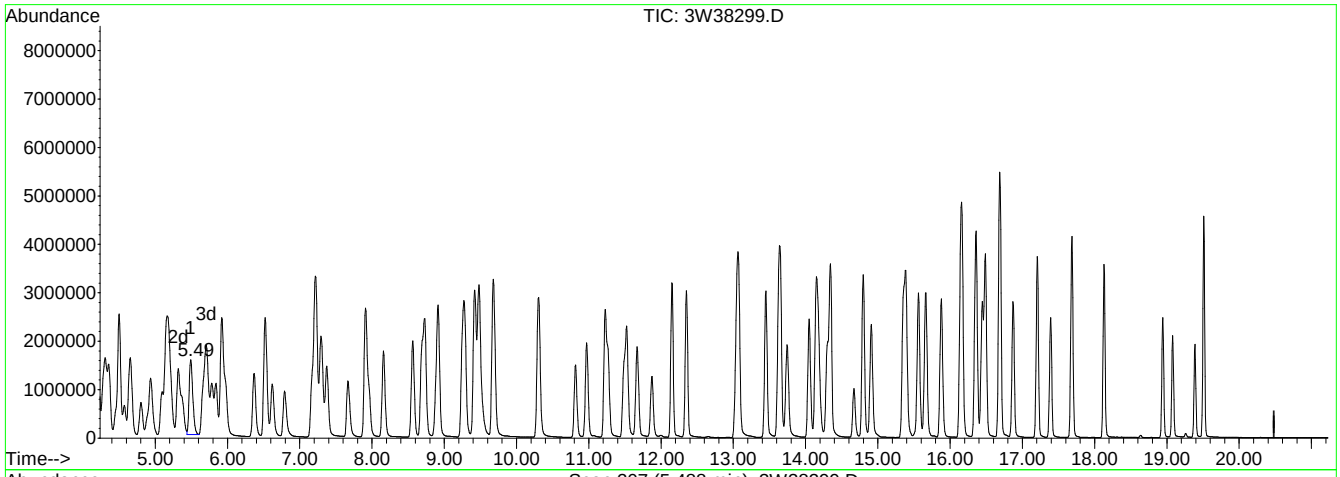
Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38299.D Vial: 1
Acq On : 16 Jan 2014 3:51 am Operator: YOUMINH
Sample : IC1462-40 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:54 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration



TIC: 3W38299.D

(22) TVHC as EQUIV PENTANE (H)

5.49min 37.76PPBV m

response 5423440

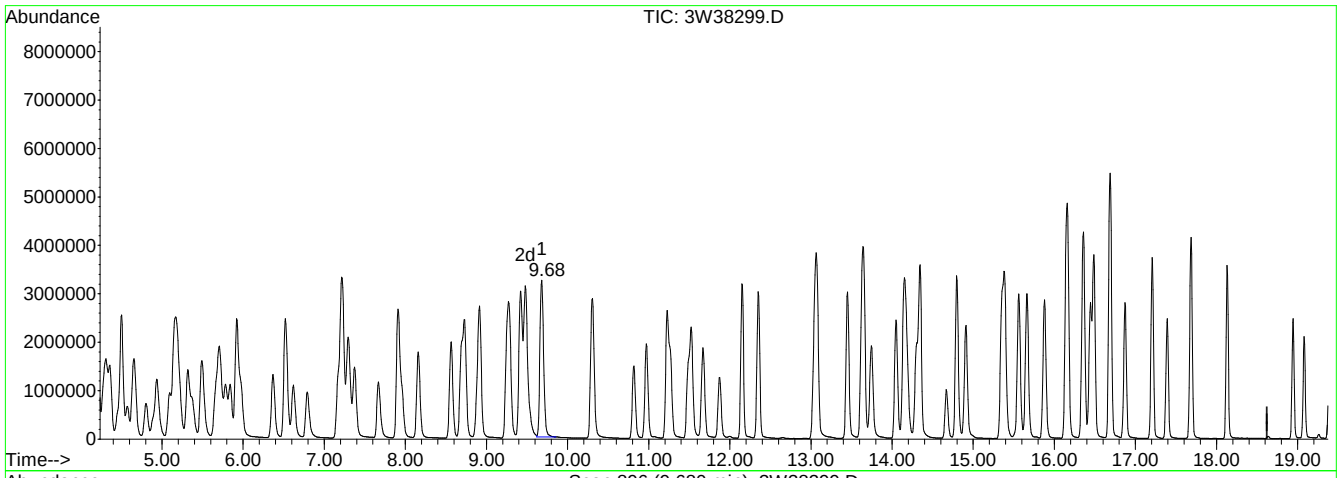
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	4.55#
0.00	2.80	4.14#
0.00	0.00	0.00

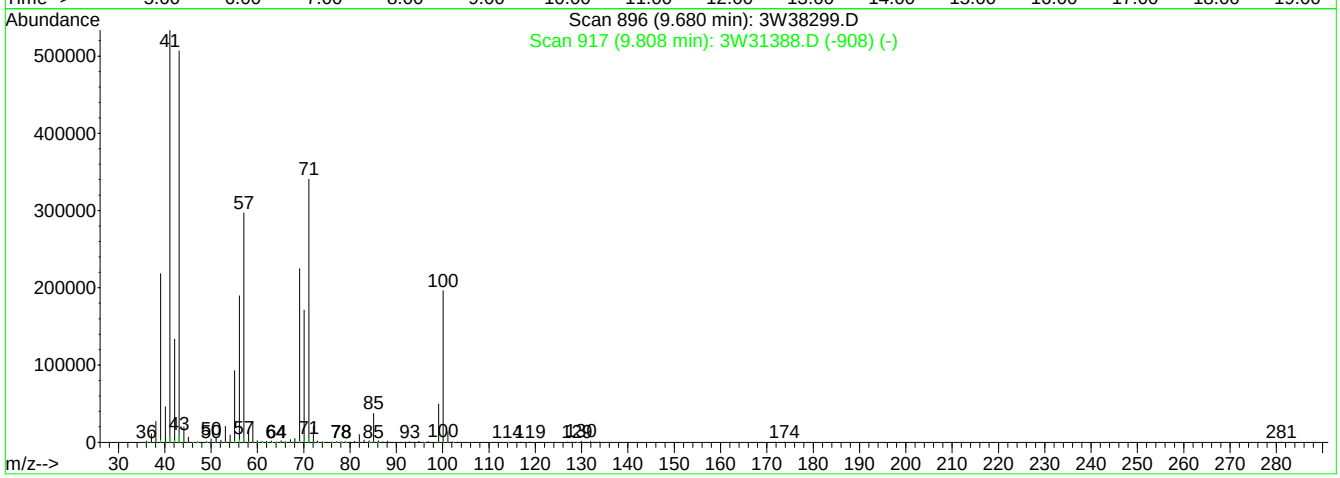
3W38299.D M3W1462.M Thu Jan 16 12:26:59 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38299.D Vial: 1
Acq On : 16 Jan 2014 3:51 am Operator: YOUMINH
Sample : IC1462-40 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:54 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration





TIC: 3W38299.D

(61) TVHC as EQUIV HEPTANE (H)

9.68min 37.70PPBV m

response 10372794

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	2.38#
0.00	1.40	2.16#
0.00	0.00	0.00

3W38299.D M3W1462.M Thu Jan 16 12:31:24 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:59:02 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:58:50 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.27	128	172348	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.86	114	873438	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.01	82	442907	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.64	95	529800	10.32	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 103.20%				
Target Compounds							Qvalue
3) FREON 152A	4.27	65	153592	9.45	PPBV		99
4) CHLORODIFLUOROMETHANE	4.30	67	53855	9.74	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.35	85	561209	9.82	PPBV		100
6) PROPYLENE	4.31	41	248782	10.29	PPBV		100
7) FREON 114	4.49	85	582387	9.41	PPBV		99
8) CHLOROMETHANE	4.45	50	304179	9.95	PPBV		98
9) VINYL CHLORIDE	4.56	62	286499	9.68	PPBV		100
10) 1,3-BUTADIENE	4.63	54	208789	9.51	PPBV		99
11) n-BUTANE	4.65	43	437019	10.07	PPBV		99
12) BROMOMETHANE	4.79	94	227362	9.33	PPBV		99
13) CHLOROETHANE	4.88	64	143567	9.28	PPBV		98
14) DICHLOROFLUOROMETHANE	4.92	67	518290	9.35	PPBV		99
15) ACETONITRILE	5.09	41	177840	9.84	PPBV		94
16) FREON 123	5.14	83	515444	9.48	PPBV		99
17) FREON 123A	5.17	117	282988	9.29	PPBV		96
18) TRICHLOROFLUOROMETHANE	5.31	101	505244	9.51	PPBV		100
19) ISOPROPYL ALCOHOL	5.34	45	423164	8.32	PPBV		99
20) ACETONE	5.21	58	117150	8.82	PPBV		99
21) PENTANE	5.48	42	265519	9.36	PPBV		99
22) TVHC as EQUIV PENTANE	5.48	TIC	1475960m	10.04	PPBV		
23) IODOMETHANE	5.65	142	532469	9.82	PPBV		98
24) 1,1-DICHLOROETHYLENE	5.69	96	215650	9.36	PPBV		98
25) CARBON DISULFIDE	5.96	76	641470	9.59	PPBV		98
26) ETHANOL	4.94	45	95008	7.89	PPBV		98
27) BROMOETHENE	5.08	106	223195	9.77	PPBV		99
28) ACRYLONITRILE	5.49	52	140179	9.81	PPBV		98
29) METHYLENE CHLORIDE	5.77	84	208518	9.28	PPBV		98
30) 3-CHLOROPROPENE	5.83	76	103853	9.77	PPBV		97
31) FREON 113	5.91	151	345160	9.67	PPBV		99
32) TRANS-1,2-DICHLOROETHYLENE	6.36	96	213504	10.00	PPBV		97
33) TERTIARY BUTYL ALCOHOL	5.69	59	489568	8.98	PPBV		99
34) METHYL TERTIARY BUTYL ETHE	6.51	73	619333	9.52	PPBV		98
35) TETRAHYDROFURAN	7.65	72	113620	9.76	PPBV		96
36) HEXANE	7.20	57	399598	10.10	PPBV		100
37) VINYL ACETATE	6.60	86	47268	9.47	PPBV	#	86
38) 1,1-DICHLOROETHANE	6.51	63	440142	9.80	PPBV		100
39) METHYL ETHYL KETONE	6.77	72	112349	9.31	PPBV		94
40) cis-1,2-DICHLOROETHYLENE	7.16	96	219909	10.03	PPBV		97
41) DIISOPROPYL ETHER	7.21	45	913128	9.75	PPBV		99
42) ETHYL ACETATE	7.27	61	87780	9.78	PPBV		94
43) METHYL ACRYLATE	7.28	55	393392	9.68	PPBV		98
44) CHLOROFORM	7.35	83	432238	9.94	PPBV		99
45) 2,4-DIMETHYLPENTANE	7.90	57	494756	9.83	PPBV		100
46) 1,1,1-TRICHLOROETHANE	8.14	97	424915	9.91	PPBV		100
47) CARBON TETRACHLORIDE	8.68	117	423410	10.16	PPBV		100
48) 1,2-DICHLOROETHANE	7.93	62	264649	10.45	PPBV		99
50) BENZENE	8.55	78	691225	10.16	PPBV		99
51) CYCLOHEXANE	8.72	84	374966	9.98	PPBV		99
52) 2,3-DIMETHYLPENTANE	8.90	71	174323	9.68	PPBV		97

(#) = qualifier out of range (m) = manual integration
3W38302.D M3W1462.M Thu Jan 16 12:23:48 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 10:59:02 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 10:58:50 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

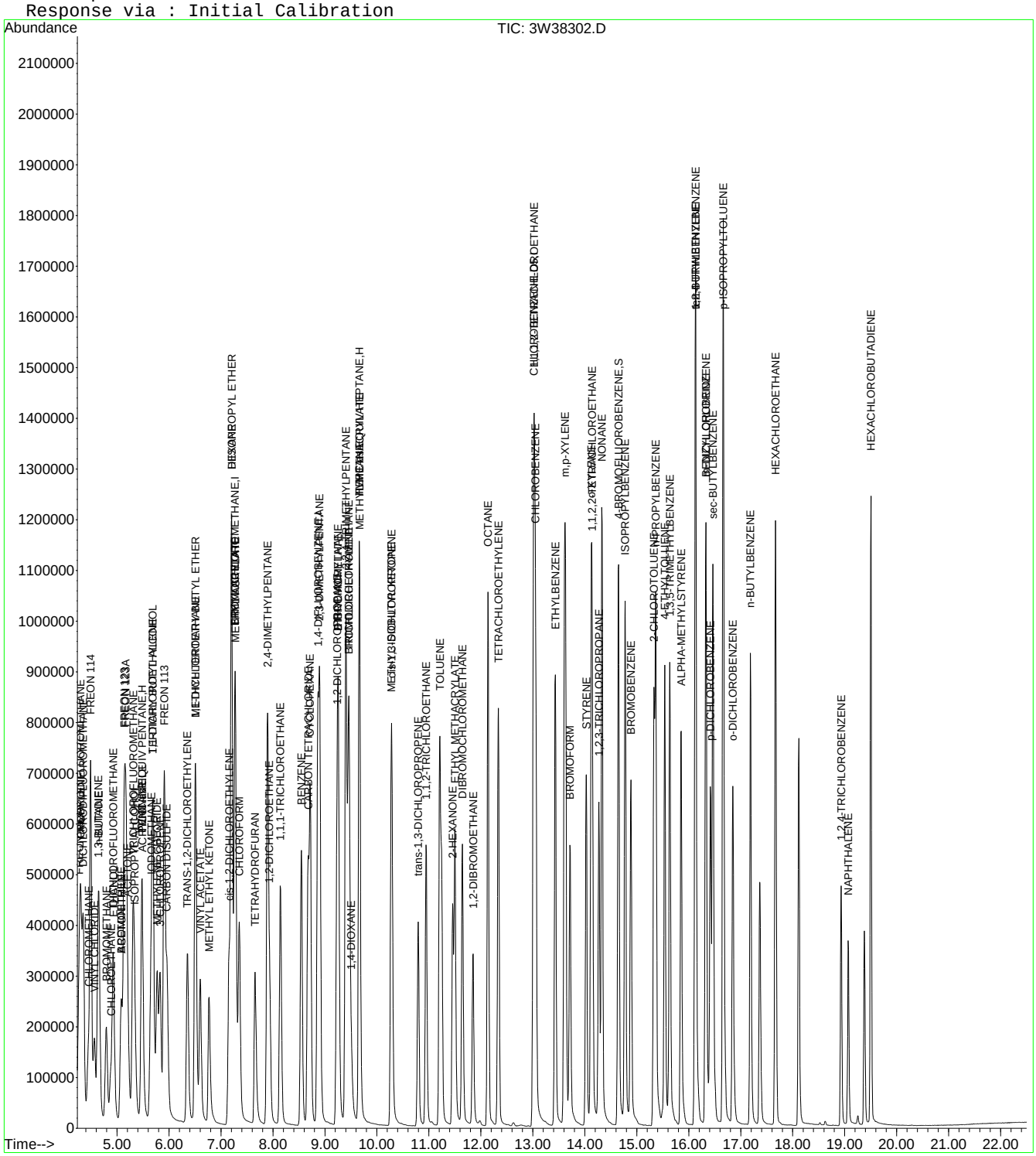
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.47	95	259607	9.99	PPBV	98
54)	1,2-DICHLOROPROPANE	9.23	63	283444	10.52	PPBV	99
55)	DIBROMOMETHANE	9.25	174	222428	10.74	PPBV	98
56)	ETHYL ACRYLATE	9.26	55	483951	10.11	PPBV	100
57)	BROMODICHLOROMETHANE	9.45	83	434304	10.89	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.40	57	1242126	10.22	PPBV	100
59)	1,4-DIOXANE	9.51	88	138050	8.94	PPBV	96
60)	HEPTANE	9.66	43	487164	9.99	PPBV	98
61)	TVHC as EQUIV HEPTANE	9.66	TIC	2949469m	10.80	PPBV	
62)	METHYL METHACRYLATE	9.67	69	238446	10.67	PPBV	95
63)	METHYL ISOBUTYL KETONE	10.27	58	196645	10.40	PPBV	96
64)	cis-1,3-DICHLOROPROPENE	10.29	75	369140	11.03	PPBV	99
65)	TOLUENE	11.21	92	436440	10.35	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.79	75	305296	11.21	PPBV	99
67)	1,1,2-TRICHLOROETHANE	10.95	83	220255	10.31	PPBV	99
69)	2-HEXANONE	11.46	58	264205	9.87	PPBV	97
70)	ETHYL METHACRYLATE	11.50	69	375536	10.07	PPBV	98
71)	TETRACHLOROETHYLENE	12.34	164	255657	9.85	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.64	129	396312	11.13	PPBV	100
73)	1,2-DIBROMOETHANE	11.85	107	328924	10.26	PPBV	100
74)	OCTANE	12.14	43	638874	10.05	PPBV	98
75)	1,1,1,2-TETRACHLOROETHANE	13.03	131	299069	10.71	PPBV	98
76)	CHLOROBENZENE	13.06	112	508174	10.12	PPBV	98
77)	ETHYLBENZENE	13.43	91	865449	10.30	PPBV	99
78)	m,p-XYLENE	13.62	106	650423	20.97	PPBV	100
79)	o-XYLENE	14.12	106	317394	10.40	PPBV	99
80)	STYRENE	14.03	104	459349	10.85	PPBV	99
81)	NONANE	14.33	43	618243	11.14	PPBV	99
82)	BROMOFORM	13.71	173	352128	10.97	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	496409	10.32	PPBV	99
85)	1,2,3-TRICHLOROPROPANE	14.27	75	395171	10.32	PPBV	99
86)	ISOPROPYLBENZENE	14.78	105	925579	10.39	PPBV	100
87)	BROMOBENZENE	14.89	77	438900	10.20	PPBV	97
88)	2-CHLOROTOLUENE	15.33	126	225309	10.34	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	241866	10.47	PPBV	99
90)	4-ETHYLTOLUENE	15.54	105	792354	11.06	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	696066	10.85	PPBV	100
92)	ALPHA-METHYLSTYRENE	15.85	118	331973	10.33	PPBV	99
93)	tert-BUTYLBENZENE	16.12	134	166960	10.82	PPBV	99
94)	1,2,4-TRIMETHYLBENZENE	16.13	105	658183	11.07	PPBV	100
95)	m-DICHLOROBENZENE	16.33	146	392513	10.75	PPBV	99
96)	BENZYL CHLORIDE	16.33	91	529735	10.74	PPBV	99
97)	p-DICHLOROBENZENE	16.41	146	378374	10.41	PPBV	99
98)	sec-BUTYLBENZENE	16.46	134	197887	10.43	PPBV	97
99)	p-ISOPROPYLTOLUENE	16.66	134	210484	11.01	PPBV	99
100)	o-DICHLOROBENZENE	16.85	146	375519	10.59	PPBV	100
101)	n-BUTYLBENZENE	17.19	134	175799	10.25	PPBV	97
102)	HEXACHLOROETHANE	17.67	117	304857	11.00	PPBV	99
103)	HEXACHLOROBUTADIENE	19.50	225	269319	11.11	PPBV	100
104)	1,2,4-TRICHLOROBENZENE	18.93	180	187847	10.72	PPBV	100
105)	NAPHTHALENE	19.07	128	341023	9.48	PPBV	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 11:00 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Initial Calibration

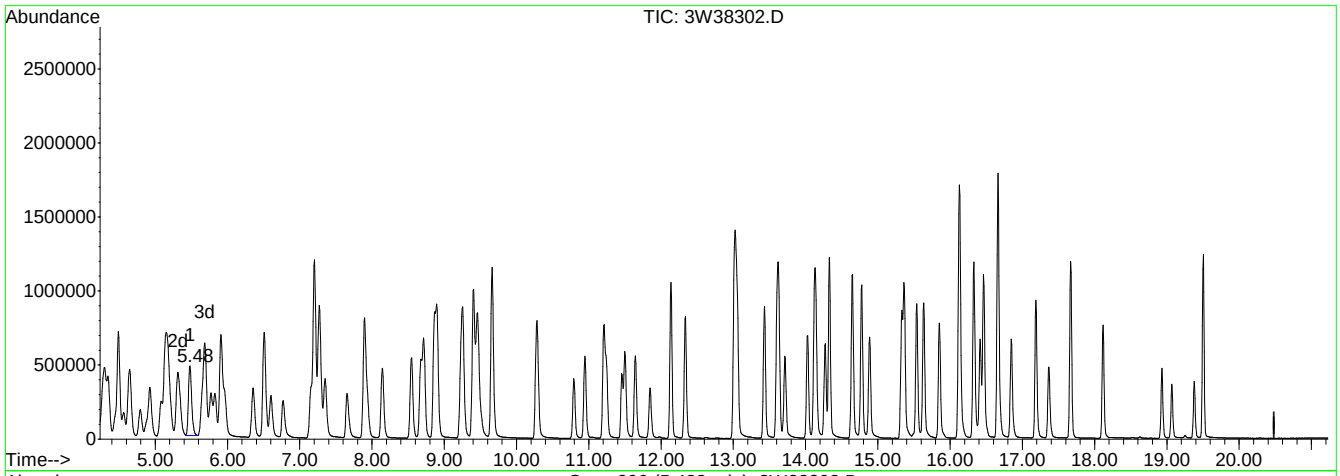


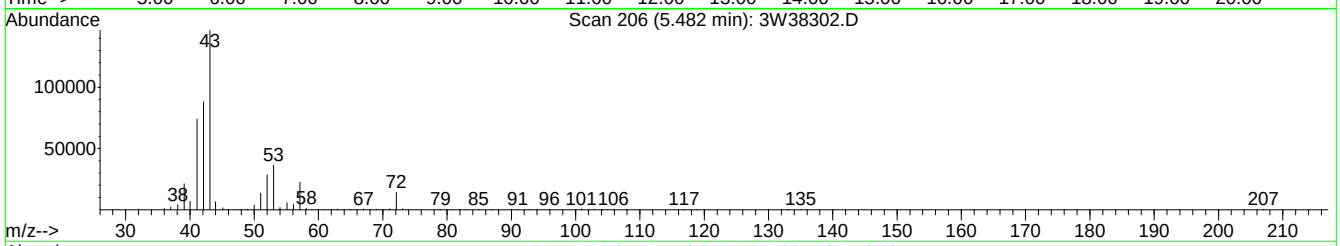
ACCUTEST LABORATORIES JB58146

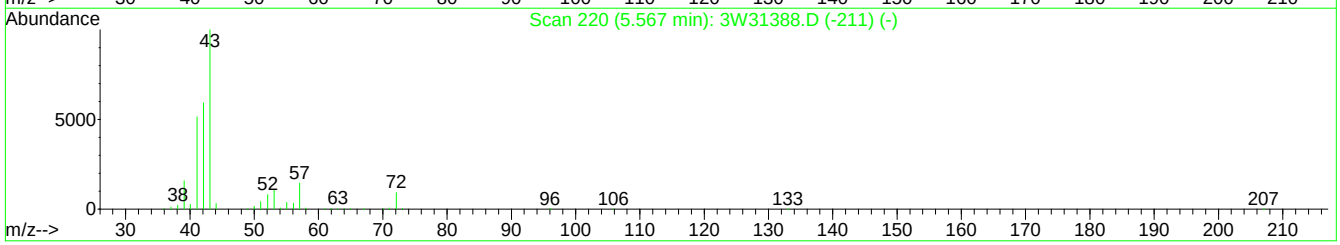
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 11:00 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Thu Jan 16 11:00:15 2014
Response via : Multiple Level Calibration







TIC: 3W38302.D

(22) TVHC as EQUIV PENTANE (H)

5.48min 10.04PPBV m

response 1475960

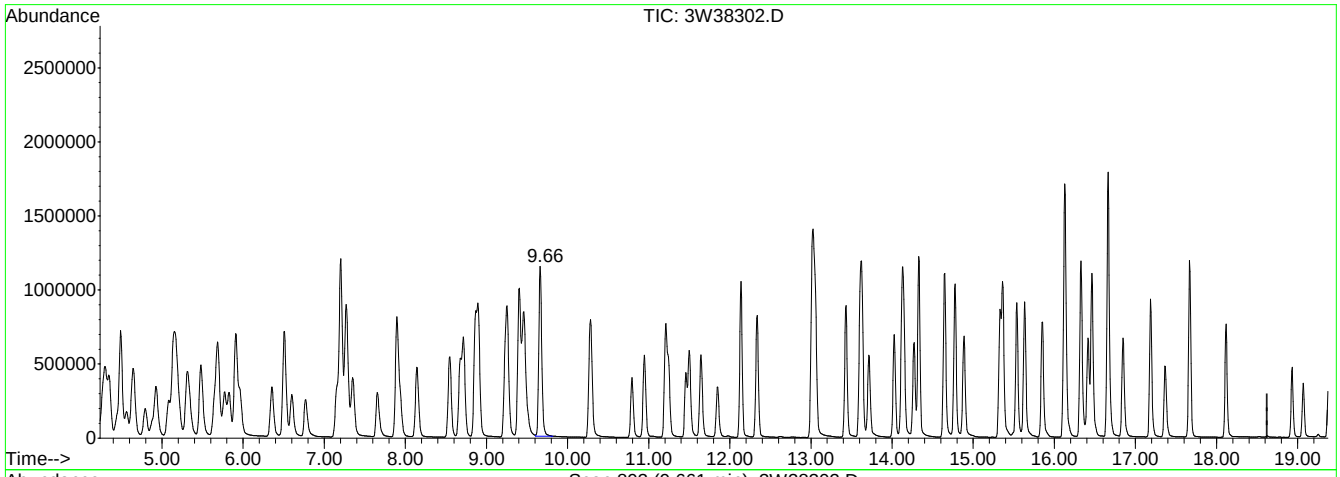
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	2.89#
0.00	2.80	2.49#
0.00	0.00	0.00

3W38302.D M3W1462.M Thu Jan 16 12:27:06 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38302.D Vial: 4
Acq On : 16 Jan 2014 9:41 am Operator: YOUMINH
Sample : ICV1462-10 Inst : MS3W
Misc : MS61478,V3W1462,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 16 11:00 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration



TIC: 3W38302.D

(61) TVHC as EQUIV HEPTANE (H)

9.66min 10.80PPBV m

response 2949469

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.45#
0.00	1.40	1.25#
0.00	0.00	0.00

3W38302.D M3W1462.M Fri Jan 17 15:44:37 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:15 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) BROMOCHLOROMETHANE	7.28	128	174435	10.00	PPBV		0.00
49) 1,4-DIFLUOROBENZENE	8.87	114	894992	10.00	PPBV		0.00
68) CHLOROBENZENE-D5	13.02	82	429027	10.00	PPBV		0.00
System Monitoring Compounds							
83) 4-BROMOFLUOROBENZENE	14.65	95	519056	10.44	PPBV		0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.40%				
Target Compounds							Qvalue
3) FREON 152A	4.29	65	159410	9.69	PPBV		99
4) CHLORODIFLUOROMETHANE	4.32	67	61170	10.93	PPBV	#	100
5) DICHLORODIFLUOROMETHANE	4.37	85	512072	8.85	PPBV		99
6) PROPYLENE	4.34	41	209744	8.57	PPBV		100
7) FREON 114	4.51	85	547858	8.74	PPBV		97
8) CHLOROMETHANE	4.47	50	264332	8.54	PPBV		97
9) VINYL CHLORIDE	4.59	62	256987	8.58	PPBV		100
10) 1,3-BUTADIENE	4.65	54	179775	8.09	PPBV		98
11) n-BUTANE	4.68	43	374366	8.53	PPBV		99
12) BROMOMETHANE	4.82	94	223843	9.07	PPBV		99
13) CHLOROETHANE	4.90	64	135644	8.67	PPBV		100
14) DICHLOROFLUOROMETHANE	4.94	67	499626	8.90	PPBV		100
15) ACETONITRILE	5.11	41	162408	8.87	PPBV		99
16) FREON 123	5.16	83	516727	9.39	PPBV		99
17) FREON 123A	5.19	117	294522	9.56	PPBV		96
18) TRICHLOROFLUOROMETHANE	5.33	101	517483	9.62	PPBV		100
19) ISOPROPYL ALCOHOL	5.36	45	413190	8.02	PPBV		99
20) ACETONE	5.22	58	112981	8.41	PPBV		100
21) PENTANE	5.50	42	245531	8.55	PPBV		99
22) TVHC as EQUIV PENTANE	5.50	TIC	1404963m	9.44	PPBV		
23) IODOMETHANE	5.67	142	552503	10.07	PPBV		99
24) 1,1-DICHLOROETHYLENE	5.71	96	217057	9.31	PPBV		98
25) CARBON DISULFIDE	5.98	76	620265	9.16	PPBV		99
26) ETHANOL	4.97	45	97963	8.04	PPBV		100
27) BROMOETHENE	5.10	106	223756	9.68	PPBV		100
28) ACRYLONITRILE	5.52	52	134551	9.30	PPBV		99
29) METHYLENE CHLORIDE	5.79	84	200956	8.84	PPBV		98
30) 3-CHLOROPROPENE	5.85	76	102893	9.56	PPBV		93
31) FREON 113	5.93	151	363637	10.07	PPBV		97
32) TRANS-1,2-DICHLOROETHYLENE	6.37	96	210036	9.72	PPBV		98
33) TERTIARY BUTYL ALCOHOL	5.70	59	498554	9.04	PPBV		100
34) METHYL TERTIARY BUTYL ETHE	6.53	73	600535	9.12	PPBV		99
35) TETRAHYDROFURAN	7.67	72	108287	9.20	PPBV		96
36) HEXANE	7.21	57	353285	8.82	PPBV		98
37) VINYL ACETATE	6.62	86	47745	9.45	PPBV	#	83
38) 1,1-DICHLOROETHANE	6.53	63	403928	8.89	PPBV		100
39) METHYL ETHYL KETONE	6.78	72	108292	8.87	PPBV		97
40) cis-1,2-DICHLOROETHYLENE	7.17	96	212107	9.56	PPBV		98
41) DIISOPROPYL ETHER	7.22	45	809427	8.54	PPBV		93
42) ETHYL ACETATE	7.28	61	81521	8.97	PPBV		94
43) METHYL ACRYLATE	7.30	55	356402	8.66	PPBV		100
44) CHLOROFORM	7.37	83	408645	9.28	PPBV		99
45) 2,4-DIMETHYLPENTANE	7.91	57	451917	8.87	PPBV		99
46) 1,1,1-TRICHLOROETHANE	8.16	97	408931	9.43	PPBV		99
47) CARBON TETRACHLORIDE	8.69	117	416226	9.87	PPBV		100
48) 1,2-DICHLOROETHANE	7.95	62	240008	9.37	PPBV		100
50) BENZENE	8.56	78	649757	9.32	PPBV		99
51) CYCLOHEXANE	8.73	84	360605	9.37	PPBV		96
52) 2,3-DIMETHYLPENTANE	8.91	71	163541	8.86	PPBV		98

(#) = qualifier out of range (m) = manual integration
3W38385.D M3W1462.M Tue Jan 21 10:35:56 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 09:26:15 2014 Quant Results File: M3W1462.RES

Quant Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration
DataAcq Meth : TO153W

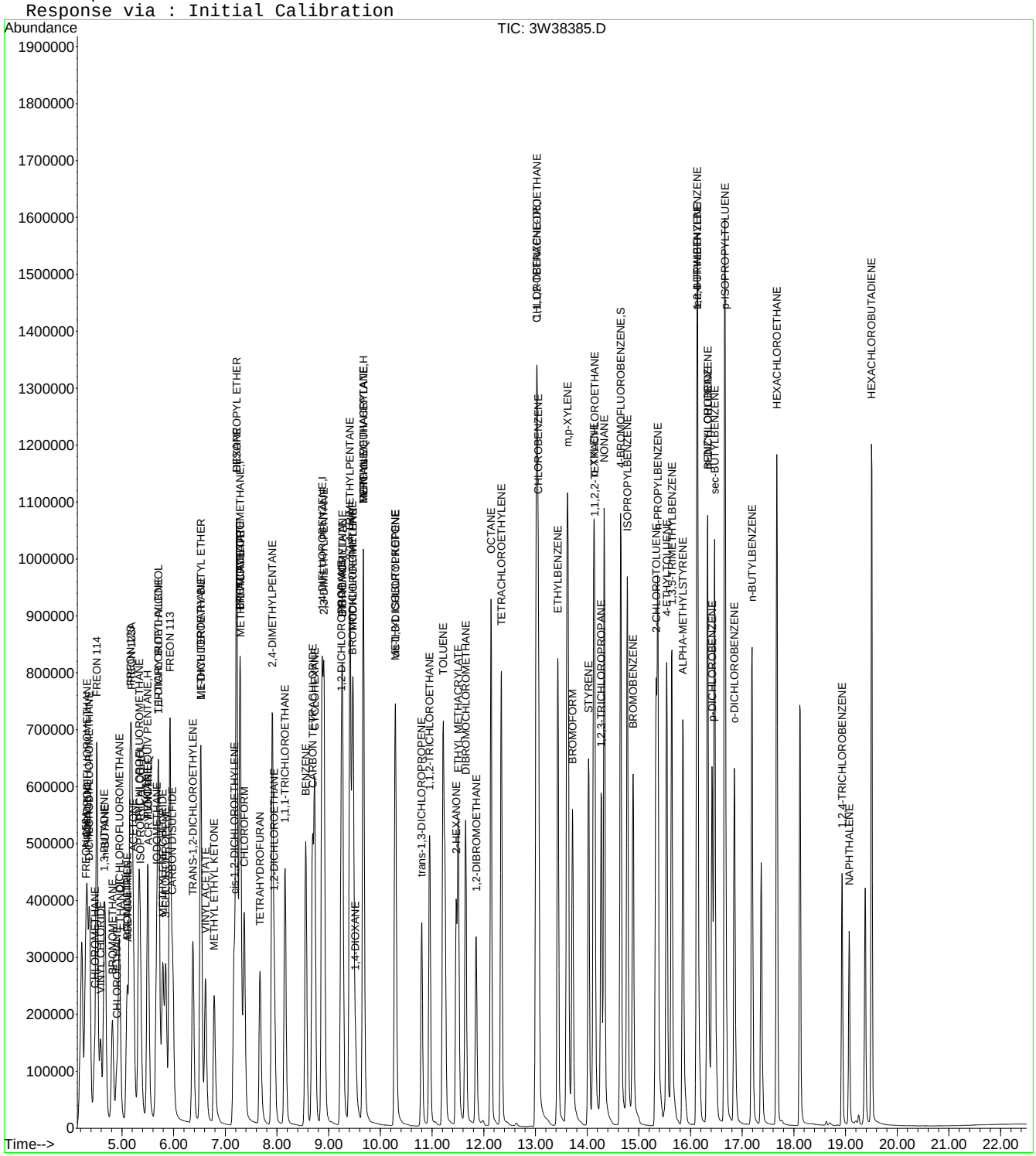
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
53)	TRICHLOROETHYLENE	9.48	95	246029	9.24	PPBV	98
54)	1,2-DICHLOROPROPANE	9.24	63	256116	9.27	PPBV	99
55)	DIBROMOMETHANE	9.26	174	223569	10.54	PPBV	98
56)	ETHYL ACRYLATE	9.27	55	441240	9.00	PPBV	99
57)	BROMODICHLOROMETHANE	9.45	83	404547	9.90	PPBV	100
58)	2,2,4-TRIMETHYLPENTANE	9.41	57	1132337	9.09	PPBV	100
59)	1,4-DIOXANE	9.52	88	138173	8.73	PPBV	98
60)	HEPTANE	9.66	43	418402	8.37	PPBV	97
61)	TVHC as EQUIV HEPTANE	9.67	TIC	2649092m	9.47	PPBV	
62)	METHYL METHACRYLATE	9.68	69	221876	9.68	PPBV	96
63)	METHYL ISOBUTYL KETONE	10.28	58	182769	9.43	PPBV	98
64)	cis-1,3-DICHLOROPROPENE	10.30	75	345404	10.07	PPBV	97
65)	TOLUENE	11.22	92	413224	9.56	PPBV	100
66)	trans-1,3-DICHLOROPROPENE	10.80	75	283462	10.16	PPBV	98
67)	1,1,2-TRICHLOROETHANE	10.95	83	208010	9.50	PPBV	99
69)	2-HEXANONE	11.47	58	246733	9.52	PPBV	99
70)	ETHYL METHACRYLATE	11.51	69	356590	9.87	PPBV	98
71)	TETRACHLOROETHYLENE	12.34	164	257431	10.24	PPBV	99
72)	DIBROMOCHLOROMETHANE	11.65	129	394780	11.45	PPBV	99
73)	1,2-DIBROMOETHANE	11.86	107	322399	10.38	PPBV	100
74)	OCTANE	12.14	43	548439	8.91	PPBV	97
75)	1,1,1,2-TETRACHLOROETHANE	13.04	131	294758	10.90	PPBV	100
76)	CHLOROBENZENE	13.06	112	496195	10.20	PPBV	99
77)	ETHYLBENZENE	13.43	91	826252	10.16	PPBV	100
78)	m,p-XYLENE	13.62	106	630182	20.97	PPBV	99
79)	o-XYLENE	14.12	106	311292	10.53	PPBV	97
80)	STYRENE	14.03	104	440319	10.74	PPBV	100
81)	NONANE	14.33	43	531787	9.89	PPBV	98
82)	BROMOFORM	13.72	173	364080	11.70	PPBV	100
84)	1,1,2,2-TETRACHLOROETHANE	14.15	83	480060	10.30	PPBV	100
85)	1,2,3-TRICHLOROPROPANE	14.27	75	373323	10.06	PPBV	98
86)	ISOPROPYLBENZENE	14.78	105	895153	10.37	PPBV	99
87)	BROMOBENZENE	14.89	77	409291	9.82	PPBV	96
88)	2-CHLOROTOLUENE	15.33	126	222488	10.54	PPBV	100
89)	n-PROPYLBENZENE	15.37	120	237872	10.63	PPBV	99
90)	4-ETHYLTOLUENE	15.54	105	760990	10.97	PPBV	100
91)	1,3,5-TRIMETHYLBENZENE	15.64	105	674698	10.85	PPBV	99
92)	ALPHA-METHYLSTYRENE	15.85	118	321367	10.33	PPBV	99
93)	tert-BUTYLBENZENE	16.13	134	164228	10.99	PPBV	98
94)	1,2,4-TRIMETHYLBENZENE	16.14	105	629708	10.93	PPBV	99
95)	m-DICHLOROBENZENE	16.33	146	390183	11.03	PPBV	100
96)	BENZYL CHLORIDE	16.33	91	498804	10.44	PPBV	99
97)	p-DICHLOROBENZENE	16.42	146	376596	10.70	PPBV	99
98)	sec-BUTYLBENZENE	16.47	134	195739	10.65	PPBV	97
99)	p-ISOPROPYLTOLUENE	16.67	134	207636	11.21	PPBV	97
100)	o-DICHLOROBENZENE	16.85	146	375928	10.95	PPBV	99
101)	n-BUTYLBENZENE	17.19	134	172978	10.41	PPBV	96
102)	HEXACHLOROETHANE	17.67	117	298603	11.12	PPBV	98
103)	HEXACHLOROBUTADIENE	19.50	225	271527	11.56	PPBV	99
104)	1,2,4-TRICHLOROBENZENE	18.94	180	182285	10.74	PPBV	99
105)	NAPHTHALENE	19.07	128	326671	9.37	PPBV	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed
3W38385.D M3W1462.M Tue Jan 21 10:35:56 2014 MS3W

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:51 2014 Quant Results File: M3W1462.RES

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Initial Calibration

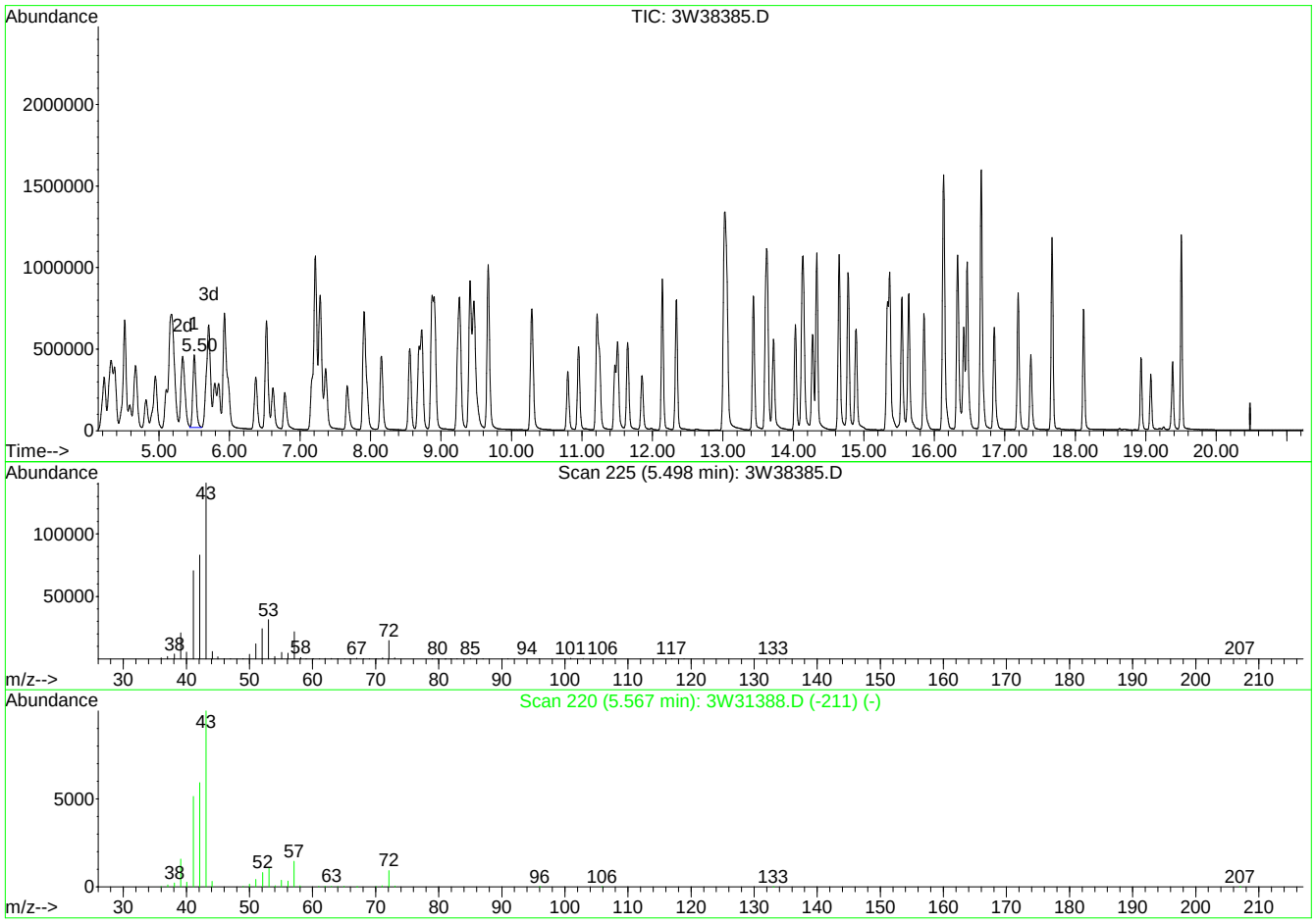


ACCUTEST LABORATORIES JB58146

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:51 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration



TIC: 3W38385.D

(22) TVHC as EQUIV PENTANE (H)

5.50min 9.44PPBV m

response 1404963

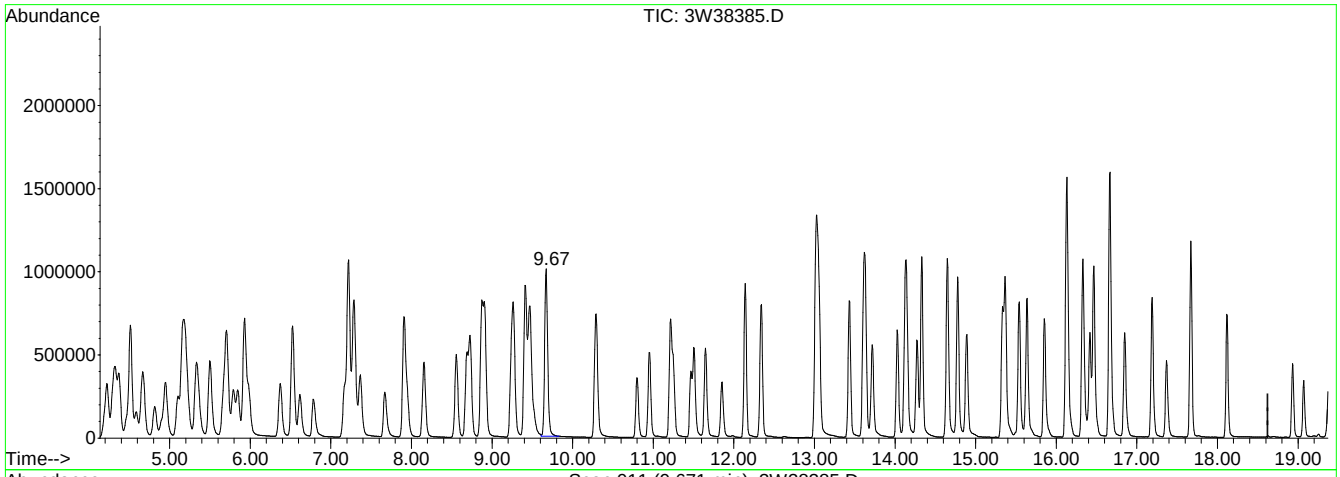
Signal	Exp%	Act%
TIC	100	100
0.00	3.10	2.87#
0.00	2.80	2.59#
0.00	0.00	0.00

3W38385.D M3W1462.M Tue Jan 21 10:33:49 2014 MS3W

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\3W38385.D Vial: 2
Acq On : 20 Jan 2014 11:24 am Operator: YOUMINH
Sample : CC1462-10 Inst : MS3W
Misc : MS61597,V3W1466,,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jan 21 9:51 2014 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M3W1462.M (RTE Integrator)
Title : TO15 by GCMS w/Rtx-1, 60 m X 0.32mm ID X 1.0 um
Last Update : Fri Jan 17 09:18:06 2014
Response via : Multiple Level Calibration



TIC: 3W38385.D

(61) TVHC as EQUIV HEPTANE (H)

9.67min 9.47PPBV m

response 2649092

Signal	Exp%	Act%
TIC	100	100
0.00	1.60	1.52#
0.00	1.40	1.37#
0.00	0.00	0.00

3W38385.D M3W1462.M Tue Jan 21 10:38:08 2014 MS3W

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/31/13 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1962.D
Acq On : 23 Dec 2013 5:34 pm
Operator : MIKEL1
Sample : IC79-0.5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:13:35 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.858	130	112713	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	459145	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	245313	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.858	130	112713	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	324944	10.43	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 104.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.154	67	1525	0.44	ppb(v	100
4) Propene	4.178	41	4931	0.42	ppb(v	98
5) Dichlorodifluoromethane	4.246	85	16045	0.46	ppb(v#	98
6) Chloromethane	4.399	50	5798	0.41	ppb(v	100
7) Dichlorotetrafluoroethane	4.490	85	15849	0.45	ppb(v#	78
8) Vinyl Chloride	4.601	62	6468	0.41	ppb(v#	97
9) 1,3-Butadiene	4.729	54	4654	0.40	ppb(v#	80
10) n-Butane	4.784	58	994	0.41	ppb(v#	37
11) Bromomethane	4.980	94	5815	0.46	ppb(v	98
12) Chloroethane	5.139	64	3076	0.41	ppb(v	95
13) Dichlorofluoromethane	5.225	67	14569	0.43	ppb(v#	99
14) Acetonitrile	5.457	41	7154	0.54	ppb(v	92
15) Freon 123	5.604	83	14480	0.45	ppb(v#	49
16) Freon 123A	5.665	117	7379	0.48	ppb(v#	52
17) Bromoethene	5.469	106	5399	0.47	ppb(v#	96
18) Trichlorofluoromethane	5.867	101	15126	0.47	ppb(v	99
19) Acetone	5.714	43	13661	0.53	ppb(v#	86
20) Pentane	6.203	57	1594	0.42	ppb(v	77
21) Iodomethane	6.418	142	13778	0.49	ppb(v	96
22) Isopropyl Alcohol	5.934	45	17300	0.58	ppb(v#	95
23) 1,1-Dichloroethene	6.491	61	10257	0.41	ppb(v#	85
24) Freon 113	6.870	101	13444	0.47	ppb(v#	84
25) Methylene Chloride	6.607	84	7025	0.54	ppb(v#	78
26) Carbon Disulfide	6.919	76	19305	0.43	ppb(v	98
27) Ethanol	5.243	45	4411	0.65	ppb(v	98
28) Acrylonitrile	6.142	53	5045	0.41	ppb(v	96
29) 3-Chloropropene	6.723	76	2678	0.41	ppb(v#	55
30) trans-1,2-Dichloroethene	7.562	61	9616	0.41	ppb(v#	81
31) tert-Butyl Alcohol	6.528	59	15679	0.42	ppb(v#	89
32) Methyl tert-Butyl Ether	7.855	73	17360	0.43	ppb(v#	88
33) Vinyl Acetate	7.929	43	18509	0.40	ppb(v#	90
34) 1,1-Dichloroethane	7.776	63	12486	0.42	ppb(v#	98
35) 2-Butanone	8.216	72	3545	0.47	ppb(v#	49
36) Hexane	8.901	57	10766	0.42	ppb(v#	85
37) cis-1,2-Dichloroethene	8.669	61	9104	0.41	ppb(v#	81
38) Di-isopropyl Ether	8.907	45	25159	0.38	ppb(v	95
39) Ethyl Acetate	8.932	61	2420	0.41	ppb(v#	52
40) Methyl Acrylate	8.920	55	14034	0.43	ppb(v#	91
41) Chloroform	8.999	83	13942	0.44	ppb(v#	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1962.D
Acq On : 23 Dec 2013 5:34 pm
Operator : MIKEL1
Sample : IC79-0.5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:13:35 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.899	57	12445	0.41	ppb(v#	94
43) Tetrahydrofuran	9.495	72	3071	0.41	ppb(v#	69
44) 1,1,1-Trichloroethane	10.125	97	13504	0.46	ppb(v	96
45) 1,2-Dichloroethane	9.831	62	8463	0.41	ppb(v#	96
46) Benzene	10.657	78	20520	0.44	ppb(v#	97
47) Carbon Tetrachloride	10.835	117	13075	0.45	ppb(v#	98
48) Cyclohexane	10.981	56	10780	0.41	ppb(v#	84
49) 2,3-Dimethylpentane	11.263	71	4374	0.42	ppb(v#	78
51) 2,2,4-Trimethylpentane	11.960	57	35157	0.43	ppb(v#	95
52) Heptane	12.291	71	6508	0.43	ppb(v#	90
53) Trichloroethene	11.917	95	8645	0.46	ppb(v#	83
54) 1,2-Dichloropropane	11.630	63	8108	0.42	ppb(v#	93
55) Dibromomethane	11.599	174	6346	0.51	ppb(v#	51
56) Ethyl Acrylate	11.648	55	16528	0.42	ppb(v#	92
57) Methyl Methacrylate	12.180	69	7025	0.41	ppb(v#	75
58) 1,4-Dioxane	11.948	88	5603	0.56	ppb(v#	65
59) Bromodichloromethane	11.862	83	14660	0.44	ppb(v#	97
60) cis-1,3-Dichloropropene	12.988	75	11366	0.42	ppb(v#	92
61) 4-Methyl-2-pentanone	13.055	43	15857	0.38	ppb(v#	85
62) trans-1,3-Dichloropropene	13.655	75	9913	0.41	ppb(v#	93
63) Toluene	14.242	91	22580	0.47	ppb(v#	97
64) 1,1,2-Trichloroethane	13.881	97	7745	0.46	ppb(v	92
65) 2-Hexanone	14.615	58	9812	0.45	ppb(v#	77
66) Ethyl Methacrylate	14.627	69	12171	0.41	ppb(v#	90
67) Dibromochloromethane	14.799	129	12385	0.46	ppb(v#	99
68) Tetrachloroethene	15.759	166	9119	0.51	ppb(v	94
69) 1,2-Dibromoethane	15.123	107	11817	0.47	ppb(v	98
70) Octane	15.582	43	16281	0.39	ppb(v#	81
71) 1,1,1,2-Tetrachloroethane	16.677	131	8741	0.47	ppb(v#	1
73) Chlorobenzene	16.695	112	15579	0.52	ppb(v#	88
74) Ethylbenzene	17.240	91	27193	0.50	ppb(v	94
75) m,p-Xylene	17.491	91	41224	1.00	ppb(v	93
76) Styrene	18.029	104	13978	0.48	ppb(v#	94
77) Nonane	18.555	43	16264	0.43	ppb(v#	86
78) o-Xylene	18.188	91	20751	0.49	ppb(v	93
79) Bromoform	17.595	173	10418	0.51	ppb(v#	97
80) 1,1,2,2-Tetrachloroethane	18.182	83	17008	0.48	ppb(v#	97
81) 1,2,3-Trichloropropane	18.378	75	12753	0.48	ppb(v#	88
82) Isopropylbenzene	19.075	105	27774	0.51	ppb(v#	93
83) Bromobenzene	19.191	156	7448	0.52	ppb(v#	59
84) 2-Chlorotoluene	19.742	126	6311	0.51	ppb(v#	61
85) n-Propylbenzene	19.803	120	6727	0.50	ppb(v#	56
87) 4-Ethyltoluene	20.011	105	24522	0.50	ppb(v#	94
88) 1,3,5-Trimethylbenzene	20.115	105	20900	0.49	ppb(v#	93
89) alpha-Methylstyrene	20.335	118	9807	0.48	ppb(v	97
90) tert-Butylbenzene	20.660	134	4247	0.51	ppb(v#	70
91) 1,2,4-Trimethylbenzene	20.666	105	20642	0.49	ppb(v#	93
92) 1,3-Dichlorobenzene	20.855	146	12358	0.51	ppb(v#	90
93) Benzyl Chloride	20.843	91	17754	0.43	ppb(v#	91
94) 1,4-Dichlorobenzene	20.947	146	11959	0.51	ppb(v#	91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1962.D
Acq On : 23 Dec 2013 5:34 pm
Operator : MIKEL1
Sample : IC79-0.5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:13:35 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

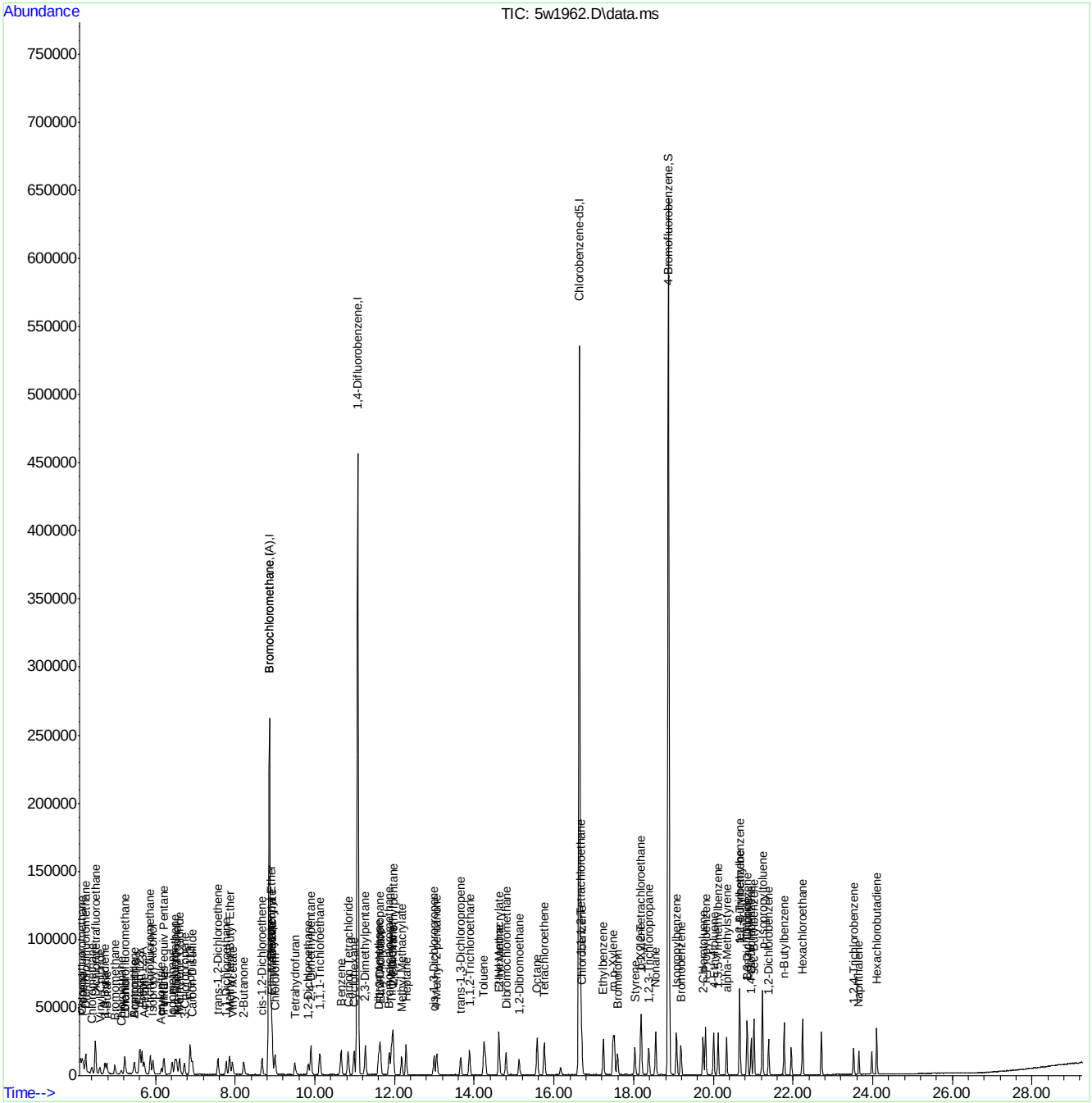
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.020	134	5239	0.50	ppb(v#	61
96)	p-Isopropyltoluene	21.235	134	5803	0.51	ppb(v#	80
97)	1,2-Dichlorobenzene	21.388	146	11565	0.51	ppb(v#	90
98)	n-Butylbenzene	21.779	134	4982	0.48	ppb(v#	49
99)	Hexachloroethane	22.238	201	6608	0.51	ppb(v#	54
100)	1,2,4-Trichlorobenzene	23.523	180	6336	0.44	ppb(v	98
101)	Naphthalene	23.651	128	14732	0.43	ppb(v	98
102)	Hexachlorobutadiene	24.104	225	6595	0.50	ppb(v	97
104)	TVHC as equiv Pentane	6.210	TIC	28912m	0.40	ppb(v	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1962.D
Acq On : 23 Dec 2013 5:34 pm
Operator : MIKEL1
Sample : IC79-0.5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:13:35 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Manual Integration Approval Summary

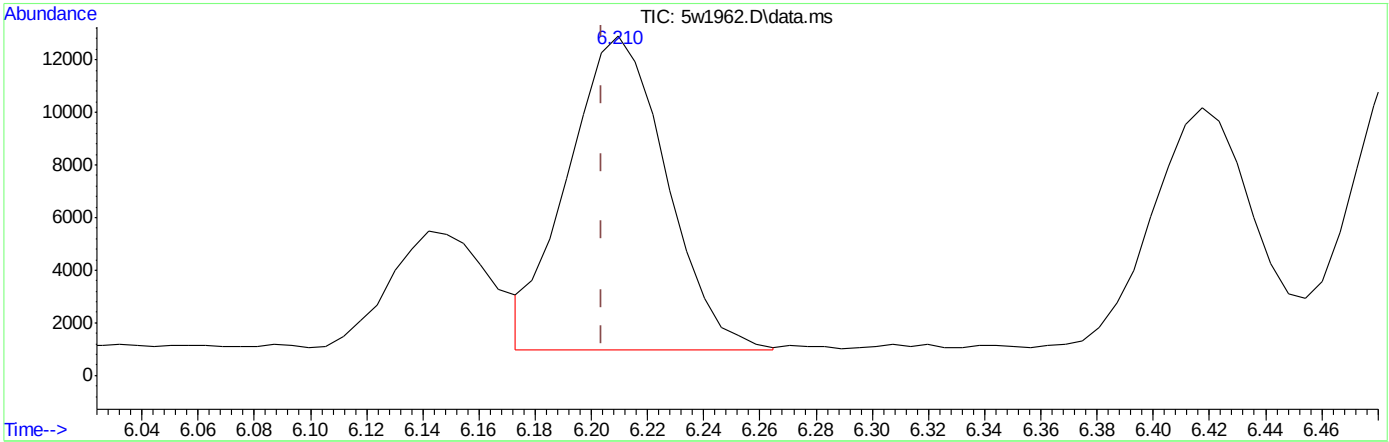
Sample Number:	V5W79-IC79	**Method:**	TO-15
Lab FileID:	5W1962.D	**Analyst approved:**	12/26/13 12:36 Youmin Hu
Injection Time:	12/23/13 17:34	**Supervisor approved:**	12/31/13 11:27 Jessica Reitan-Chu

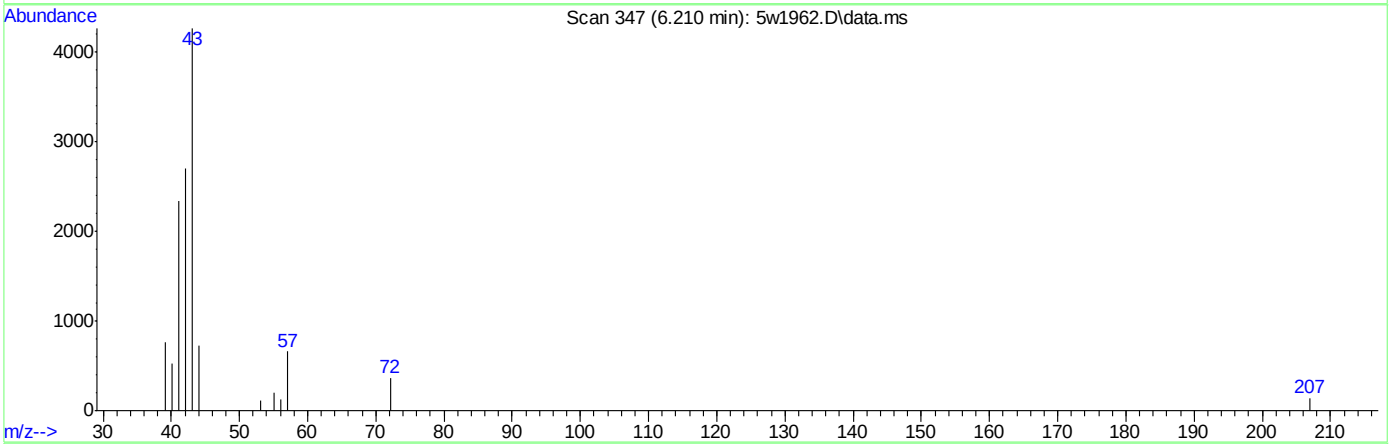
Parameter	CAS	Sig#	R.T. (min.)	Reason
TVHC As Equiv Pentane			6.21	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1962.D
Acq On : 23 Dec 2013 5:34 pm
Operator : MIKEL1
Sample : IC79-0.5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:13:35 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration





TIC: 5w1962.D\data.ms

(104) TVHC as equiv Pentane

6.210min (+0.006) 0.40ppb(v) m

response 28912

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST LABORATORIES JB58146

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/31/13 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1963.D
Acq On : 23 Dec 2013 6:20 pm
Operator : MIKEL1
Sample : IC79-0.2
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:14:19 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	107667	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	445981	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	241391	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.859	130	107667	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	315523	10.29	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 102.90%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.148	67	608	0.18	ppb(v#	42
4) Propene	4.185	41	2070	0.18	ppb(v#	91
5) Dichlorodifluoromethane	4.246	85	6403	0.19	ppb(v#	97
6) Chloromethane	4.399	50	2477	0.18	ppb(v	99
7) Dichlorotetrafluoroethane	4.485	85	6360	0.19	ppb(v#	78
8) Vinyl Chloride	4.601	62	2745	0.18	ppb(v#	98
9) 1,3-Butadiene	4.729	54	1943	0.18	ppb(v#	75
10) n-Butane	4.772	58	407	0.18	ppb(v#	8
11) Bromomethane	4.980	94	2399	0.20	ppb(v#	96
12) Chloroethane	5.139	64	1287	0.18	ppb(v#	93
13) Dichlorofluoromethane	5.225	67	6089	0.19	ppb(v	100
14) Acetonitrile	5.457	41	3392	0.27	ppb(v	93
15) Freon 123	5.604	83	5949	0.19	ppb(v#	65
16) Freon 123A	5.659	117	2789	0.19	ppb(v#	31
17) Bromoethene	5.470	106	2121	0.19	ppb(v#	98
18) Trichlorofluoromethane	5.867	101	6109	0.20	ppb(v#	99
19) Acetone	5.714	43	6453	0.26	ppb(v#	84
20) Pentane	6.204	57	622	0.17	ppb(v#	60
21) Iodomethane	6.418	142	5449	0.20	ppb(v	97
22) Isopropyl Alcohol	5.941	45	8518	0.30	ppb(v#	95
23) 1,1-Dichloroethene	6.491	61	4289	0.18	ppb(v#	83
24) Freon 113	6.870	101	5553	0.20	ppb(v#	81
25) Methylene Chloride	6.601	84	3513	0.28	ppb(v#	77
26) Carbon Disulfide	6.919	76	7839	0.18	ppb(v#	93
27) Ethanol	5.249	45	1931	0.30	ppb(v#	90
28) Acrylonitrile	6.149	53	1984	0.17	ppb(v	96
29) 3-Chloropropene	6.718	76	1072	0.17	ppb(v#	41
30) trans-1,2-Dichloroethene	7.562	61	3990	0.18	ppb(v#	80
31) tert-Butyl Alcohol	6.528	59	6307	0.18	ppb(v#	88
32) Methyl tert-Butyl Ether	7.855	73	7007	0.18	ppb(v#	88
33) Vinyl Acetate	7.929	43	7797	0.18	ppb(v#	86
34) 1,1-Dichloroethane	7.776	63	5107	0.18	ppb(v#	96
35) 2-Butanone	8.223	72	1416	0.20	ppb(v#	37
36) Hexane	8.902	57	4657	0.19	ppb(v#	87
37) cis-1,2-Dichloroethene	8.669	61	3796	0.18	ppb(v#	80
38) Di-isopropyl Ether	8.908	45	10499	0.17	ppb(v	93
39) Ethyl Acetate	8.926	61	920	0.16	ppb(v#	20
40) Methyl Acrylate	8.920	55	5733	0.18	ppb(v#	88
41) Chloroform	8.993	83	5788	0.19	ppb(v#	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1963.D
Acq On : 23 Dec 2013 6:20 pm
Operator : MIKEL1
Sample : IC79-0.2
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:14:19 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.899	57	5199	0.18	ppb(v#	93
43) Tetrahydrofuran	9.507	72	1227	0.17	ppb(v#	64
44) 1,1,1-Trichloroethane	10.119	97	5365	0.19	ppb(v#	97
45) 1,2-Dichloroethane	9.831	62	3514	0.18	ppb(v#	92
46) Benzene	10.657	78	8558	0.19	ppb(v#	97
47) Carbon Tetrachloride	10.835	117	5213	0.19	ppb(v#	96
48) Cyclohexane	10.982	56	4416	0.18	ppb(v#	84
49) 2,3-Dimethylpentane	11.263	71	1736	0.17	ppb(v#	70
51) 2,2,4-Trimethylpentane	11.960	57	14695	0.18	ppb(v#	96
52) Heptane	12.285	71	2704	0.18	ppb(v#	88
53) Trichloroethene	11.918	95	3616	0.20	ppb(v#	80
54) 1,2-Dichloropropane	11.630	63	3454	0.18	ppb(v#	87
55) Dibromomethane	11.599	174	2386	0.20	ppb(v#	43
56) Ethyl Acrylate	11.648	55	6728	0.17	ppb(v#	90
57) Methyl Methacrylate	12.175	69	2850	0.17	ppb(v#	68
58) 1,4-Dioxane	11.960	88	2181	0.23	ppb(v#	65
59) Bromodichloromethane	11.863	83	5907	0.18	ppb(v#	95
60) cis-1,3-Dichloropropene	12.988	75	4653	0.18	ppb(v#	90
61) 4-Methyl-2-pentanone	13.055	43	6650	0.16	ppb(v#	83
62) trans-1,3-Dichloropropene	13.661	75	4088	0.17	ppb(v#	88
63) Toluene	14.242	91	9263	0.20	ppb(v	98
64) 1,1,2-Trichloroethane	13.881	97	3133	0.19	ppb(v	92
65) 2-Hexanone	14.622	58	3897	0.18	ppb(v#	74
66) Ethyl Methacrylate	14.628	69	4789	0.17	ppb(v#	86
67) Dibromochloromethane	14.793	129	4867	0.18	ppb(v#	98
68) Tetrachloroethene	15.760	166	3575	0.20	ppb(v	94
69) 1,2-Dibromoethane	15.123	107	4667	0.19	ppb(v#	97
70) Octane	15.576	43	7098	0.18	ppb(v#	78
71) 1,1,1,2-Tetrachloroethane	16.677	131	3499	0.19	ppb(v#	1
73) Chlorobenzene	16.702	112	6389	0.22	ppb(v#	89
74) Ethylbenzene	17.240	91	11028	0.21	ppb(v	93
75) m,p-Xylene	17.509	91	16799	0.41	ppb(v	92
76) Styrene	18.029	104	5632	0.20	ppb(v#	93
77) Nonane	18.555	43	6998	0.19	ppb(v#	83
78) o-Xylene	18.188	91	8461	0.20	ppb(v	92
79) Bromoform	17.595	173	4039	0.20	ppb(v#	97
80) 1,1,2,2-Tetrachloroethane	18.182	83	6899	0.20	ppb(v#	97
81) 1,2,3-Trichloropropane	18.378	75	5234	0.20	ppb(v#	87
82) Isopropylbenzene	19.075	105	11336	0.21	ppb(v#	92
83) Bromobenzene	19.185	156	2982	0.21	ppb(v#	57
84) 2-Chlorotoluene	19.742	126	2552	0.21	ppb(v#	62
85) n-Propylbenzene	19.803	120	2614	0.20	ppb(v#	47
87) 4-Ethyltoluene	20.011	105	9756	0.20	ppb(v#	93
88) 1,3,5-Trimethylbenzene	20.121	105	8371	0.20	ppb(v#	92
89) alpha-Methylstyrene	20.336	118	3795	0.19	ppb(v	98
90) tert-Butylbenzene	20.660	134	1610	0.20	ppb(v#	59
91) 1,2,4-Trimethylbenzene	20.666	105	8238	0.20	ppb(v#	92
92) 1,3-Dichlorobenzene	20.856	146	4836	0.20	ppb(v#	90
93) Benzyl Chloride	20.837	91	6696	0.16	ppb(v#	89
94) 1,4-Dichlorobenzene	20.947	146	4738	0.20	ppb(v#	90

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1963.D
Acq On : 23 Dec 2013 6:20 pm
Operator : MIKEL1
Sample : IC79-0.2
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:14:19 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

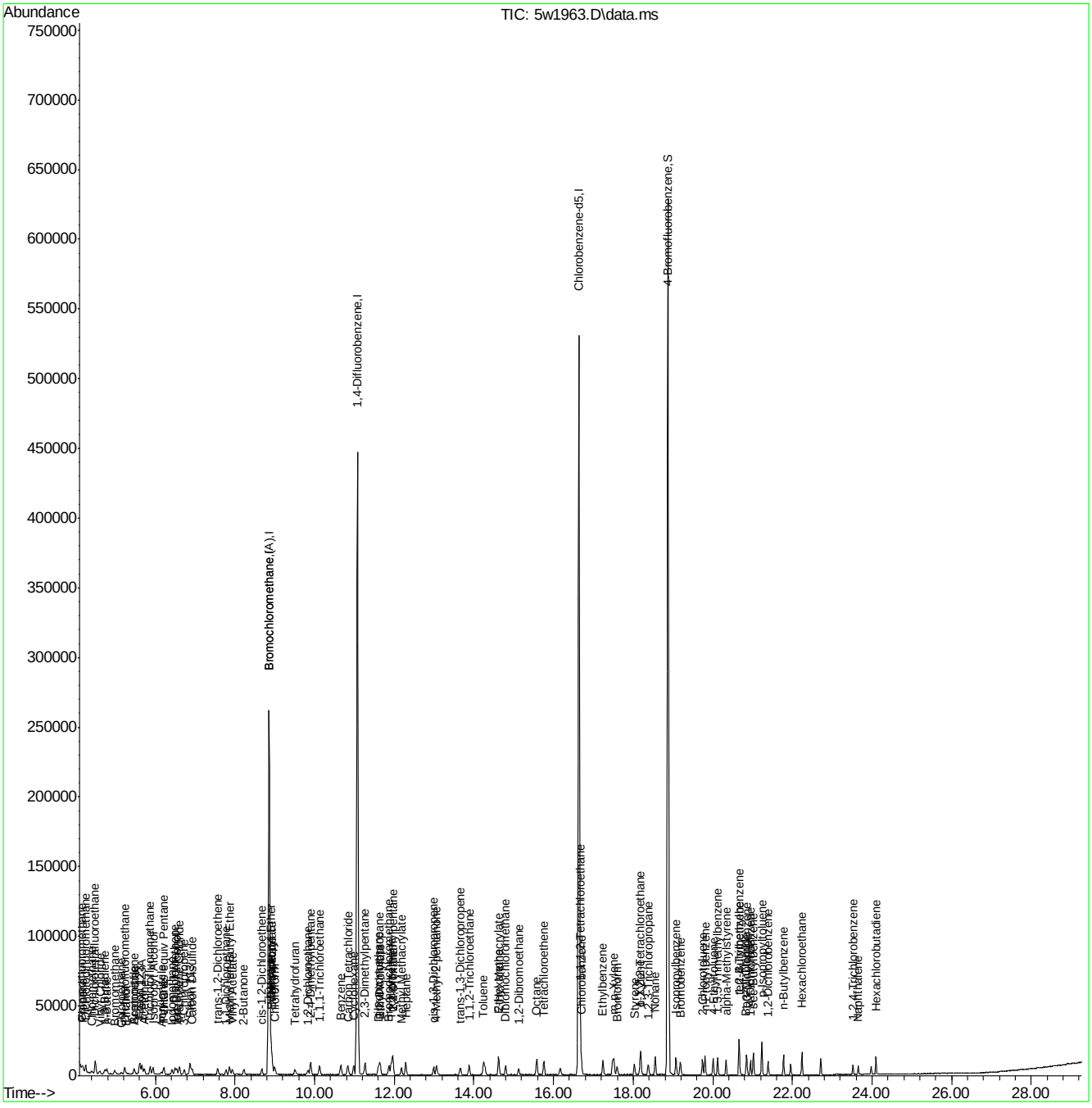
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.021	134	1995	0.19	ppb(v#	50
96)	p-Isopropyltoluene	21.235	134	2141	0.19	ppb(v#	70
97)	1,2-Dichlorobenzene	21.388	146	4600	0.21	ppb(v#	90
98)	n-Butylbenzene	21.779	134	1810	0.18	ppb(v#	31
99)	Hexachloroethane	22.238	201	2512	0.20	ppb(v#	52
100)	1,2,4-Trichlorobenzene	23.523	180	2425	0.17	ppb(v	98
101)	Naphthalene	23.651	128	5681	0.17	ppb(v	95
102)	Hexachlorobutadiene	24.104	225	2574	0.20	ppb(v#	95
104)	TVHC as equiv Pentane	6.210	TIC	12206m	0.18	ppb(v	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1963.D
Acq On : 23 Dec 2013 6:20 pm
Operator : MIKEL1
Sample : IC79-0.2
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:14:19 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: V5W79-IC79
Lab FileID: 5W1963.D
Injection Time: 12/23/13 18:20

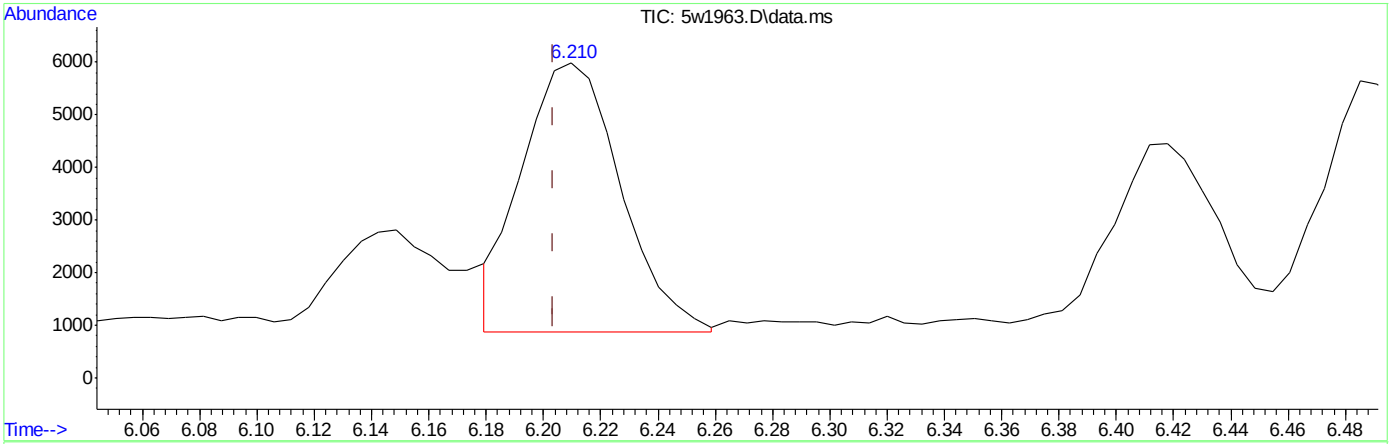
Method: TO-15
Analyst approved: 12/26/13 12:36 Youmin Hu
Supervisor approved: 12/31/13 11:27 Jessica Reitan-Chu

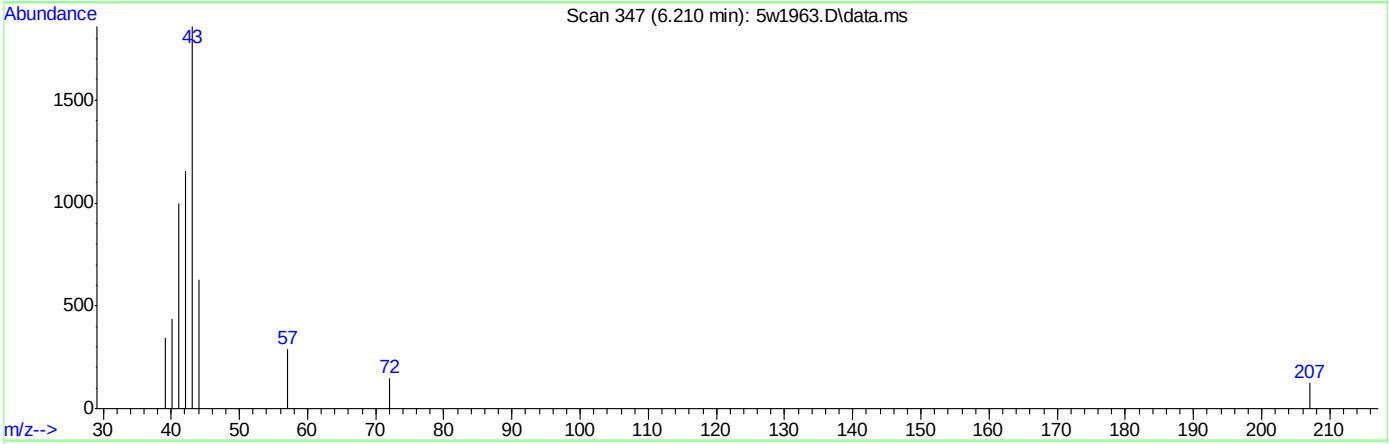
Parameter	CAS	Sig#	R.T. (min.)	Reason
TVHC As Equiv Pentane			6.21	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1963.D
Acq On : 23 Dec 2013 6:20 pm
Operator : MIKEL1
Sample : IC79-0.2
Misc : ms60248,v5w79,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 24 10:14:19 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration





TIC: 5w1963.D\data.ms

(104) TVHC as equiv Pentane

6.210min (+0.006) 0.18ppb(v) m

response 12206

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST LABORATORIES JB58146

5W1963.D edits: TVHC as equiv Pentane

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/31/13 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1964.D
Acq On : 23 Dec 2013 7:04 pm
Operator : MIKEL1
Sample : IC79-0.1
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:15:56 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	103625	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	434658	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	240937	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.859	130	103625	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	312893	10.23	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 102.30%			
Target Compounds						Qvalue
4) Propene	4.179	41	1101	0.10	ppb(v	97
5) Dichlorodifluoromethane	4.246	85	3111	0.10	ppb(v#	92
6) Chloromethane	4.393	50	1254	0.10	ppb(v	93
7) Dichlorotetrafluoroethane	4.485	85	2980	0.09	ppb(v#	74
8) Vinyl Chloride	4.601	62	1235	0.09	ppb(v#	88
9) 1,3-Butadiene	4.729	54	869	0.08	ppb(v#	53
11) Bromomethane	4.986	94	1099	0.09	ppb(v#	88
13) Dichlorofluoromethane	5.225	67	2937	0.10	ppb(v	97
15) Freon 123	5.604	83	2712	0.09	ppb(v#	50
16) Freon 123A	5.665	117	1212	0.09	ppb(v#	12
17) Bromoethene	5.476	106	967	0.09	ppb(v#	91
18) Trichlorofluoromethane	5.867	101	2766	0.09	ppb(v#	97
21) Iodomethane	6.412	142	2384	0.09	ppb(v	99
23) 1,1-Dichloroethene	6.485	61	2021	0.09	ppb(v#	80
24) Freon 113	6.870	101	2602	0.10	ppb(v#	81
26) Carbon Disulfide	6.919	76	3688	0.09	ppb(v#	87
28) Acrylonitrile	6.149	53	861	0.08	ppb(v#	94
30) trans-1,2-Dichloroethene	7.568	61	1881	0.09	ppb(v#	77
31) tert-Butyl Alcohol	6.540	59	2958	0.09	ppb(v#	89
32) Methyl tert-Butyl Ether	7.862	73	3371	0.09	ppb(v#	90
33) Vinyl Acetate	7.929	43	3895	0.09	ppb(v#	78
34) 1,1-Dichloroethane	7.770	63	2424	0.09	ppb(v#	91
35) 2-Butanone	8.229	72	588	0.08	ppb(v#	1
36) Hexane	8.902	57	2410	0.10	ppb(v#	91
37) cis-1,2-Dichloroethene	8.669	61	1822	0.09	ppb(v#	76
38) Di-isopropyl Ether	8.908	45	5256	0.09	ppb(v#	88
39) Ethyl Acetate	8.938	61	350	0.06	ppb(v#	1
40) Methyl Acrylate	8.920	55	2501	0.08	ppb(v#	81
41) Chloroform	8.993	83	2584	0.09	ppb(v#	94
42) 2,4-Dimethylpentane	9.899	57	2466	0.09	ppb(v#	91
43) Tetrahydrofuran	9.501	72	508	0.07	ppb(v#	45
44) 1,1,1-Trichloroethane	10.125	97	2525	0.09	ppb(v#	90
45) 1,2-Dichloroethane	9.831	62	1612	0.09	ppb(v#	85
46) Benzene	10.657	78	3958	0.09	ppb(v	96
47) Carbon Tetrachloride	10.829	117	2301	0.09	ppb(v	97
48) Cyclohexane	10.982	56	2140	0.09	ppb(v#	79
49) 2,3-Dimethylpentane	11.269	71	809	0.08	ppb(v#	61
51) 2,2,4-Trimethylpentane	11.960	57	6930	0.09	ppb(v#	93
52) Heptane	12.291	71	1233	0.09	ppb(v#	83

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1964.D
Acq On : 23 Dec 2013 7:04 pm
Operator : MIKEL1
Sample : IC79-0.1
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:15:56 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53)	Trichloroethene	11.918	95	1625	0.09	ppb(v#	79
54)	1,2-Dichloropropane	11.630	63	1614	0.09	ppb(v#	80
55)	Dibromomethane	11.593	174	1029	0.09	ppb(v#	38
56)	Ethyl Acrylate	11.654	55	3037	0.08	ppb(v#	79
57)	Methyl Methacrylate	12.187	69	1334	0.08	ppb(v#	62
58)	1,4-Dioxane	11.973	88	920	0.10	ppb(v#	43
59)	Bromodichloromethane	11.862	83	2723	0.09	ppb(v#	90
60)	cis-1,3-Dichloropropene	12.994	75	2159	0.08	ppb(v#	81
61)	4-Methyl-2-pentanone	13.068	43	3361	0.09	ppb(v#	78
62)	trans-1,3-Dichloropropene	13.655	75	1802	0.08	ppb(v#	83
63)	Toluene	14.242	91	4426	0.10	ppb(v	96
64)	1,1,2-Trichloroethane	13.887	97	1437	0.09	ppb(v	92
65)	2-Hexanone	14.622	58	1799	0.09	ppb(v#	70
66)	Ethyl Methacrylate	14.628	69	2187	0.08	ppb(v#	79
67)	Dibromochloromethane	14.799	129	2261	0.09	ppb(v#	97
68)	Tetrachloroethene	15.759	166	1631	0.10	ppb(v	92
69)	1,2-Dibromoethane	15.129	107	2101	0.09	ppb(v#	98
70)	Octane	15.582	43	3461	0.09	ppb(v#	75
71)	1,1,1,2-Tetrachloroethane	16.677	131	1578	0.09	ppb(v#	1
73)	Chlorobenzene	16.695	112	2937	0.10	ppb(v#	82
74)	Ethylbenzene	17.246	91	5239	0.10	ppb(v	93
75)	m,p-Xylene	17.491	91	7842	0.19	ppb(v	93
76)	Styrene	18.029	104	2577	0.09	ppb(v	93
77)	Nonane	18.555	43	3434	0.09	ppb(v#	80
78)	o-Xylene	18.188	91	3849	0.09	ppb(v#	91
79)	Bromoform	17.595	173	1729	0.09	ppb(v#	92
80)	1,1,2,2-Tetrachloroethane	18.182	83	3272	0.09	ppb(v#	94
81)	1,2,3-Trichloropropane	18.384	75	2510	0.10	ppb(v#	83
82)	Isopropylbenzene	19.081	105	5169	0.10	ppb(v#	92
83)	Bromobenzene	19.192	156	1315	0.09	ppb(v#	52
84)	2-Chlorotoluene	19.742	126	1119	0.09	ppb(v#	51
85)	n-Propylbenzene	19.809	120	1175	0.09	ppb(v#	38
87)	4-Ethyltoluene	20.011	105	4527	0.09	ppb(v	93
88)	1,3,5-Trimethylbenzene	20.121	105	3832	0.09	ppb(v#	91
89)	alpha-Methylstyrene	20.336	118	1718	0.09	ppb(v	93
90)	tert-Butylbenzene	20.654	134	728	0.09	ppb(v#	58
91)	1,2,4-Trimethylbenzene	20.666	105	3717	0.09	ppb(v#	94
92)	1,3-Dichlorobenzene	20.862	146	2202	0.09	ppb(v#	90
93)	Benzyl Chloride	20.843	91	3086	0.08	ppb(v#	86
94)	1,4-Dichlorobenzene	20.947	146	2137	0.09	ppb(v#	91
95)	sec-Butylbenzene	21.027	134	871	0.08	ppb(v#	43
96)	p-Isopropyltoluene	21.235	134	962	0.09	ppb(v#	70
97)	1,2-Dichlorobenzene	21.388	146	2027	0.09	ppb(v#	90
98)	n-Butylbenzene	21.785	134	783	0.08	ppb(v#	18
99)	Hexachloroethane	22.238	201	1032	0.08	ppb(v#	39
100)	1,2,4-Trichlorobenzene	23.523	180	951	0.07	ppb(v#	95
101)	Naphthalene	23.657	128	2313	0.07	ppb(v#	89
102)	Hexachlorobutadiene	24.104	225	1022	0.08	ppb(v#	94
104)	TVHC as equiv Pentane	6.210	TIC	5763m	0.09	ppb(v	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1964.D
Acq On : 23 Dec 2013 7:04 pm
Operator : MIKEL1
Sample : IC79-0.1
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:15:56 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

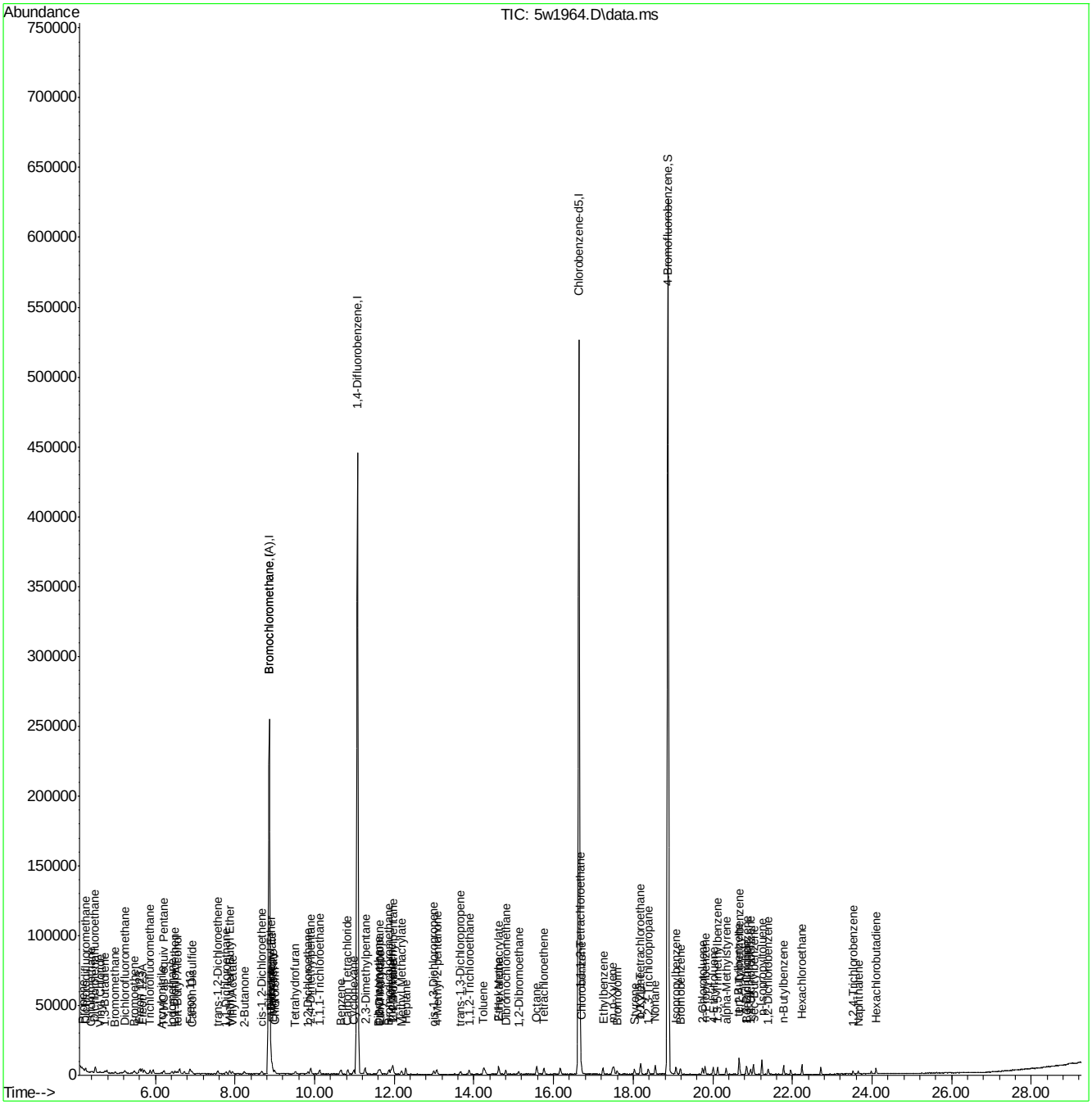
7.7.28

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1964.D
Acq On : 23 Dec 2013 7:04 pm
Operator : MIKEL1
Sample : IC79-0.1
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:15:56 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Manual Integration Approval Summary

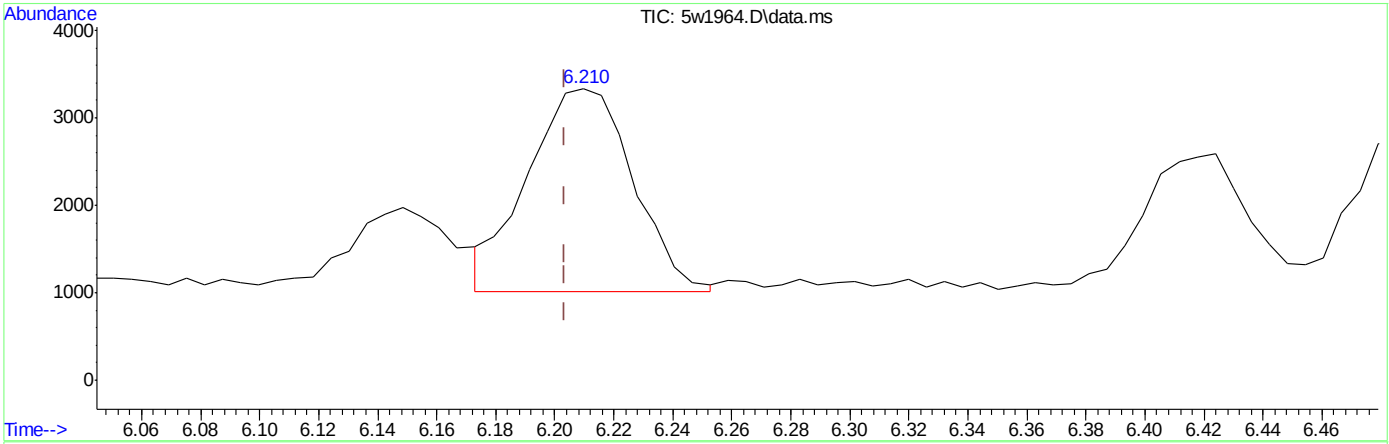
Sample Number:	V5W79-IC79	**Method:**	TO-15
Lab FileID:	5W1964.D	**Analyst approved:**	12/26/13 12:36 Youmin Hu
Injection Time:	12/23/13 19:04	**Supervisor approved:**	12/31/13 11:27 Jessica Reitan-Chu

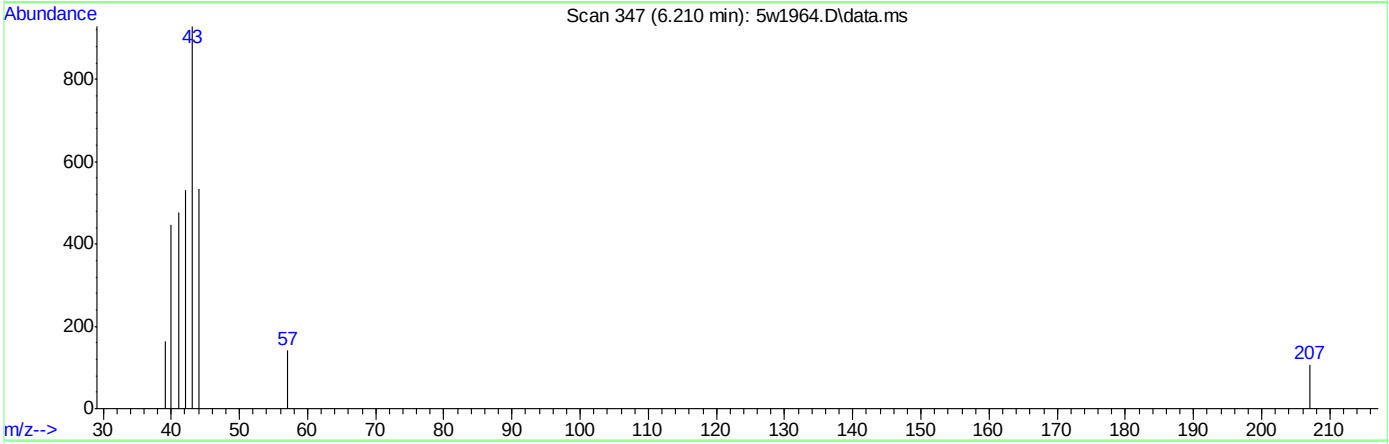
Parameter	CAS	Sig#	R.T. (min.)	Reason
TVHC As Equiv Pentane			6.21	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1964.D
Acq On : 23 Dec 2013 7:04 pm
Operator : MIKEL1
Sample : IC79-0.1
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:15:56 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration





TIC: 5w1964.D\data.ms

(104) TVHC as equiv Pentane

6.210min (+0.006) 0.09ppb(v) m

response 5763

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

7.7.28.2
7
ACCUTEST LABORATORIES
JB58146

Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu 12/31/13 11:27

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1965.D
Acq On : 23 Dec 2013 7:48 pm
Operator : MIKEL1
Sample : IC79-0.04
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:19:50 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.853	130	99199	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	414663	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	235955	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.853	130	99199	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	302555	10.10	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.00%			
Target Compounds						Qvalue
4) Propene	4.179	41	495	0.05	ppb(v#	91
5) Dichlorodifluoromethane	4.240	85	1202	0.04	ppb(v#	85
6) Chloromethane	4.393	50	508	0.04	ppb(v#	41
7) Dichlorotetrafluoroethane	4.485	85	1206	0.04	ppb(v#	66
8) Vinyl Chloride	4.595	62	466	0.03	ppb(v#	48
9) 1,3-Butadiene	4.723	54	300	0.03	ppb(v#	1
11) Bromomethane	4.980	94	421	0.04	ppb(v#	81
13) Dichlorofluoromethane	5.219	67	1195	0.04	ppb(v#	91
15) Freon 123	5.598	83	1101	0.04	ppb(v#	62
16) Freon 123A	5.653	117	396	0.03	ppb(v#	1
17) Bromoethene	5.469	106	323	0.03	ppb(v#	87
18) Trichlorofluoromethane	5.861	101	1082	0.04	ppb(v#	93
21) Iodomethane	6.418	142	880	0.04	ppb(v#	87
23) 1,1-Dichloroethene	6.479	61	796	0.04	ppb(v#	65
24) Freon 113	6.864	101	1023	0.04	ppb(v#	77
26) Carbon Disulfide	6.913	76	1447	0.04	ppb(v#	71
30) trans-1,2-Dichloroethene	7.556	61	721	0.03	ppb(v#	67
31) tert-Butyl Alcohol	6.546	59	1140	0.03	ppb(v	95
32) Methyl tert-Butyl Ether	7.861	73	1443	0.04	ppb(v#	87
33) Vinyl Acetate	7.929	43	1650	0.04	ppb(v#	72
34) 1,1-Dichloroethane	7.764	63	946	0.04	ppb(v#	83
35) 2-Butanone	8.229	72	173	0.03	ppb(v#	1
36) Hexane	8.902	57	1095	0.05	ppb(v#	88
37) cis-1,2-Dichloroethene	8.669	61	627	0.03	ppb(v#	72
38) Di-isopropyl Ether	8.908	45	2230	0.04	ppb(v#	75
40) Methyl Acrylate	8.920	55	1018	0.04	ppb(v#	35
41) Chloroform	8.993	83	1017	0.04	ppb(v#	85
42) 2,4-Dimethylpentane	9.899	57	949	0.04	ppb(v#	76
44) 1,1,1-Trichloroethane	10.113	97	958	0.04	ppb(v#	80
45) 1,2-Dichloroethane	9.825	62	637	0.04	ppb(v#	53
46) Benzene	10.657	78	1581	0.04	ppb(v#	93
47) Carbon Tetrachloride	10.835	117	874	0.03	ppb(v#	89
48) Cyclohexane	10.975	56	840	0.04	ppb(v#	65
49) 2,3-Dimethylpentane	11.263	71	272	0.03	ppb(v#	26
51) 2,2,4-Trimethylpentane	11.960	57	2841	0.04	ppb(v#	92
52) Heptane	12.285	71	414	0.03	ppb(v#	56
53) Trichloroethene	11.911	95	562	0.03	ppb(v#	79
54) 1,2-Dichloropropane	11.624	63	610	0.03	ppb(v#	42
55) Dibromomethane	11.599	174	350	0.03	ppb(v#	13

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1965.D
Acq On : 23 Dec 2013 7:48 pm
Operator : MIKEL1
Sample : IC79-0.04
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:19:50 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

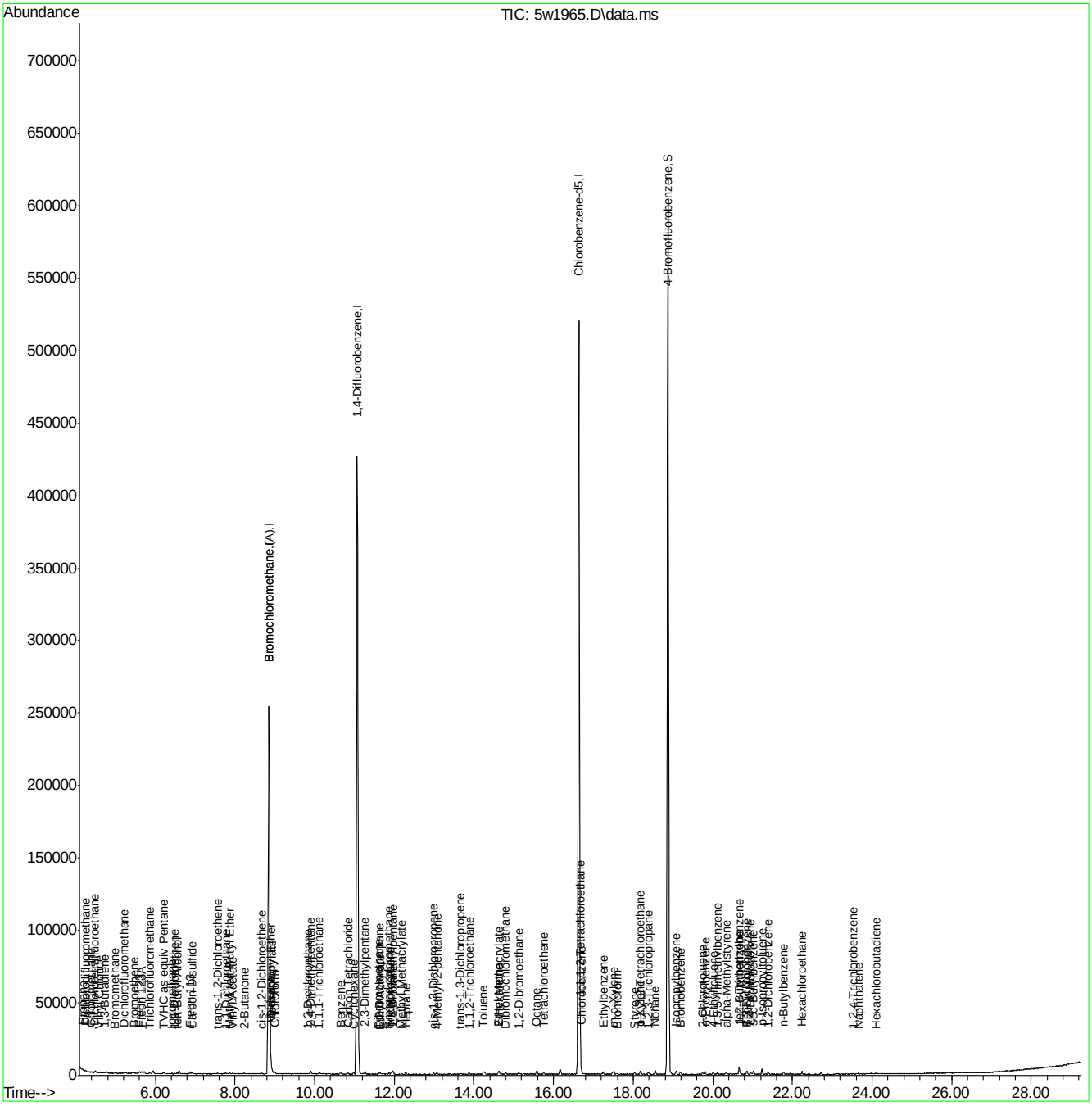
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
56)	Ethyl Acrylate	11.654	55	1183	0.03	ppb(v#	72
57)	Methyl Methacrylate	12.181	69	428	0.03	ppb(v#	38
58)	1,4-Dioxane	11.979	88	248	0.03	ppb(v#	1
59)	Bromodichloromethane	11.856	83	1073	0.04	ppb(v#	87
60)	cis-1,3-Dichloropropene	12.982	75	765	0.03	ppb(v#	66
61)	4-Methyl-2-pentanone	13.068	43	1395	0.04	ppb(v#	66
62)	trans-1,3-Dichloropropene	13.655	75	707	0.03	ppb(v#	60
63)	Toluene	14.236	91	1808	0.04	ppb(v#	90
64)	1,1,2-Trichloroethane	13.881	97	531	0.03	ppb(v#	87
65)	2-Hexanone	14.622	58	611	0.03	ppb(v#	38
66)	Ethyl Methacrylate	14.628	69	781	0.03	ppb(v#	59
67)	Dibromochloromethane	14.793	129	866	0.04	ppb(v#	84
68)	Tetrachloroethene	15.759	166	585	0.04	ppb(v#	89
69)	1,2-Dibromoethane	15.129	107	798	0.03	ppb(v#	96
70)	Octane	15.576	43	1505	0.04	ppb(v#	67
71)	1,1,1,2-Tetrachloroethane	16.677	131	570	0.03	ppb(v#	1
73)	Chlorobenzene	16.695	112	1189	0.04	ppb(v#	1
74)	Ethylbenzene	17.246	91	2065	0.04	ppb(v#	84
75)	m,p-Xylene	17.515	91	3100	0.08	ppb(v#	88
76)	Styrene	18.029	104	1000	0.04	ppb(v	95
77)	Nonane	18.555	43	1433	0.04	ppb(v#	71
78)	o-Xylene	18.188	91	1613	0.04	ppb(v#	81
79)	Bromoform	17.589	173	644	0.03	ppb(v#	66
80)	1,1,2,2-Tetrachloroethane	18.182	83	1346	0.04	ppb(v#	88
81)	1,2,3-Trichloropropane	18.378	75	1013	0.04	ppb(v#	65
82)	Isopropylbenzene	19.081	105	2145	0.04	ppb(v#	90
83)	Bromobenzene	19.185	156	490	0.04	ppb(v#	39
84)	2-Chlorotoluene	19.742	126	423	0.04	ppb(v#	40
85)	n-Propylbenzene	19.803	120	425	0.03	ppb(v#	15
87)	4-Ethyltoluene	20.011	105	1740	0.04	ppb(v#	89
88)	1,3,5-Trimethylbenzene	20.121	105	1514	0.04	ppb(v#	86
89)	alpha-Methylstyrene	20.335	118	591	0.03	ppb(v	89
90)	tert-Butylbenzene	20.660	134	236	0.03	ppb(v#	7
91)	1,2,4-Trimethylbenzene	20.672	105	1452	0.04	ppb(v	94
92)	1,3-Dichlorobenzene	20.855	146	870	0.04	ppb(v#	89
93)	Benzyl Chloride	20.843	91	1154	0.03	ppb(v#	71
94)	1,4-Dichlorobenzene	20.953	146	795	0.04	ppb(v#	90
95)	sec-Butylbenzene	21.021	134	333	0.03	ppb(v#	29
96)	p-Isopropyltoluene	21.241	134	361	0.03	ppb(v#	63
97)	1,2-Dichlorobenzene	21.394	146	778	0.04	ppb(v#	91
98)	n-Butylbenzene	21.779	134	231	0.02	ppb(v#	1
99)	Hexachloroethane	22.244	201	362	0.03	ppb(v#	26
100)	1,2,4-Trichlorobenzene	23.523	180	251	0.02	ppb(v#	78
101)	Naphthalene	23.657	128	844	0.03	ppb(v#	69
102)	Hexachlorobutadiene	24.104	225	347	0.03	ppb(v#	70
104)	TVHC as equiv Pentane	6.204	TIC	2533m	0.04	ppb(v	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1965.D
Acq On : 23 Dec 2013 7:48 pm
Operator : MIKEL1
Sample : IC79-0.04
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:19:50 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Manual Integration Approval Summary

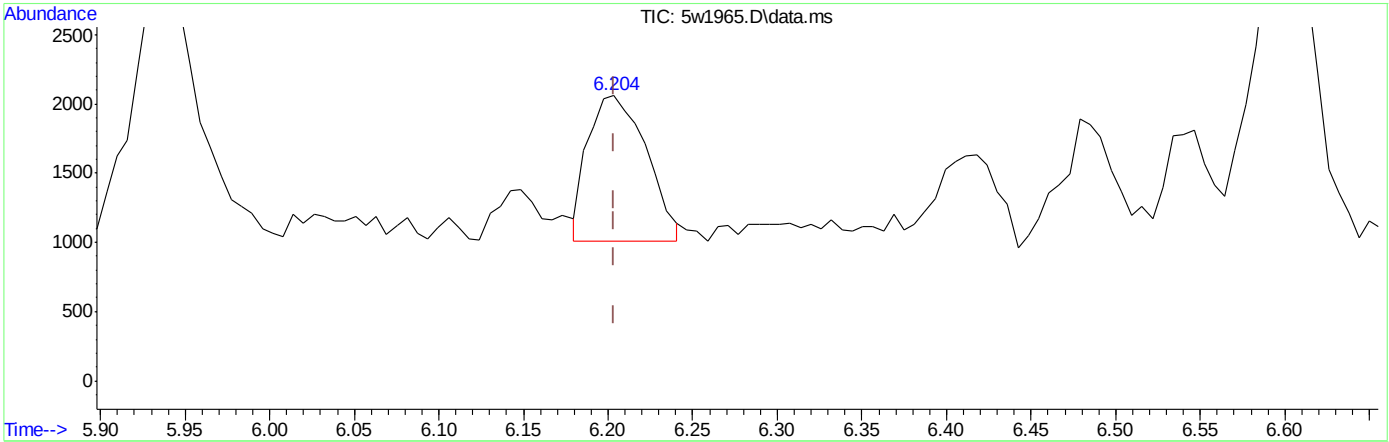
Sample Number:	V5W79-IC79	**Method:**	TO-15
Lab FileID:	5W1965.D	**Analyst approved:**	12/26/13 12:36 Youmin Hu
Injection Time:	12/23/13 19:48	**Supervisor approved:**	12/31/13 11:27 Jessica Reitan-Chu

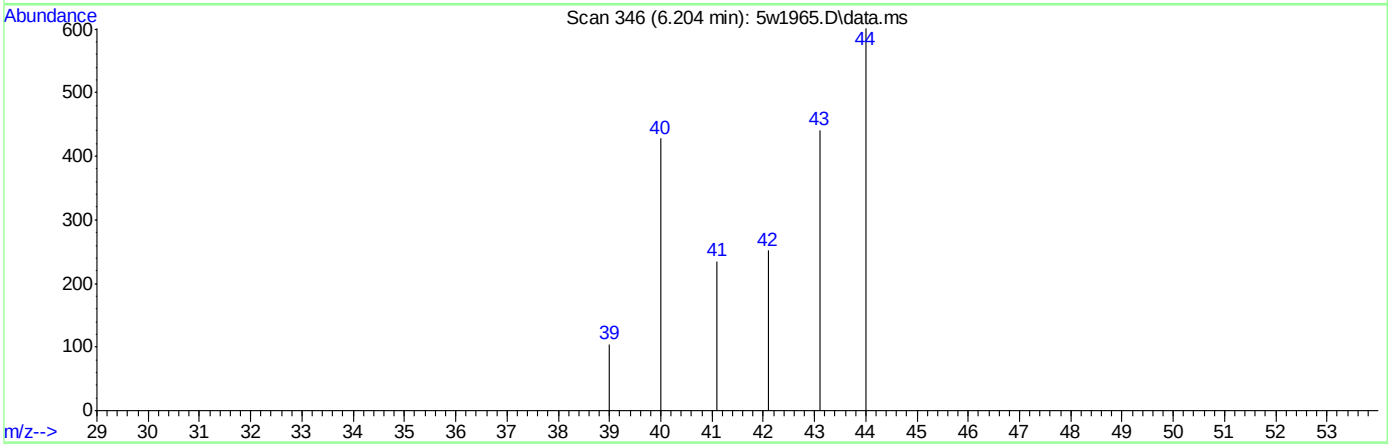
Parameter	CAS	Sig#	R.T. (min.)	Reason
TVHC As Equiv Pentane			6.20	Poor instrument integration

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\DATA\5w core\V5W79\
Data File : 5w1965.D
Acq On : 23 Dec 2013 7:48 pm
Operator : MIKEL1
Sample : IC79-0.04
Misc : ms60248,v5w79,,,,,1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 10:19:50 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration





TIC: 5w1965.D\data.ms

(104) TVHC as equiv Pentane

6.204min (0.000) 0.04ppb(v) m

response 2533

Signal	Exp%	Act%
TIC	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

ACCUTEST LABORATORIES JB58146

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1966.D
Acq On : 23 Dec 2013 8:32 pm
Operator : MIKEL1
Sample : ICC79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:05 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	96858	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	407979	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.640	82	245895	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.859	130	96858	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	312241	10.00	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.142	67	29649	10.00	ppb(v	99
4) Propene	4.173	41	101143	10.00	ppb(v	99
5) Dichlorodifluoromethane	4.240	85	299379	10.00	ppb(v	98
6) Chloromethane	4.393	50	121757	10.00	ppb(v	98
7) Dichlorotetrafluoroethane	4.485	85	300798	10.00	ppb(v#	74
8) Vinyl Chloride	4.595	62	134740	10.00	ppb(v#	98
9) 1,3-Butadiene	4.723	54	99824	10.00	ppb(v#	83
10) n-Butane	4.772	58	20707	10.00	ppb(v#	46
11) Bromomethane	4.980	94	108358	10.00	ppb(v	98
12) Chloroethane	5.139	64	64623	10.00	ppb(v#	93
13) Dichlorofluoromethane	5.219	67	288149	10.00	ppb(v#	97
14) Acetonitrile	5.445	41	113565	10.00	ppb(v	99
15) Freon 123	5.604	83	275019	10.00	ppb(v#	89
16) Freon 123A	5.653	117	132274	10.00	ppb(v#	38
17) Bromoethene	5.469	106	99086	10.00	ppb(v#	96
18) Trichlorofluoromethane	5.861	101	277301	10.00	ppb(v	99
19) Acetone	5.696	43	219672	10.00	ppb(v#	87
20) Pentane	6.204	57	32659	10.00	ppb(v#	70
21) Iodomethane	6.412	142	239763	10.00	ppb(v	91
22) Isopropyl Alcohol	5.922	45	255935	10.00	ppb(v	98
23) 1,1-Dichloroethene	6.485	61	212553	10.00	ppb(v#	79
24) Freon 113	6.864	101	246510	10.00	ppb(v#	80
25) Methylene Chloride	6.601	84	111820	10.00	ppb(v#	70
26) Carbon Disulfide	6.913	76	382058	10.00	ppb(v	99
27) Ethanol	5.237	45	58303	10.00	ppb(v	98
28) Acrylonitrile	6.136	53	106660	10.00	ppb(v	99
29) 3-Chloropropene	6.724	76	56100	10.00	ppb(v#	46
30) trans-1,2-Dichloroethene	7.562	61	201291	10.00	ppb(v#	77
31) tert-Butyl Alcohol	6.516	59	319889	10.00	ppb(v#	93
32) Methyl tert-Butyl Ether	7.837	73	347576	10.00	ppb(v#	85
33) Vinyl Acetate	7.923	43	399624	10.00	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	252907	10.00	ppb(v#	98
35) 2-Butanone	8.198	72	65291	10.00	ppb(v#	41
36) Hexane	8.902	57	220422	10.00	ppb(v#	78
37) cis-1,2-Dichloroethene	8.669	61	190623	10.00	ppb(v#	76
38) Di-isopropyl Ether	8.895	45	564152	10.00	ppb(v	94
39) Ethyl Acetate	8.920	61	50830	10.00	ppb(v#	46
40) Methyl Acrylate	8.908	55	281199	10.00	ppb(v#	91
41) Chloroform	8.999	83	271515	10.00	ppb(v#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1966.D
Acq On : 23 Dec 2013 8:32 pm
Operator : MIKEL1
Sample : ICC79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:05 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.899	57	261058	10.00	ppb(v#	93
43) Tetrahydrofuran	9.464	72	64860	10.00	ppb(v#	64
44) 1,1,1-Trichloroethane	10.119	97	250303	10.00	ppb(v	98
45) 1,2-Dichloroethane	9.831	62	175383	10.00	ppb(v#	97
46) Benzene	10.657	78	399609	10.00	ppb(v#	95
47) Carbon Tetrachloride	10.835	117	247183	10.00	ppb(v#	97
48) Cyclohexane	10.982	56	224938	10.00	ppb(v#	82
49) 2,3-Dimethylpentane	11.263	71	90153	10.00	ppb(v	74
51) 2,2,4-Trimethylpentane	11.960	57	729259	10.00	ppb(v#	95
52) Heptane	12.285	71	134872	10.00	ppb(v#	88
53) Trichloroethene	11.918	95	166982	10.00	ppb(v#	80
54) 1,2-Dichloropropane	11.630	63	172723	10.00	ppb(v#	92
55) Dibromomethane	11.599	174	110955	10.00	ppb(v#	35
56) Ethyl Acrylate	11.642	55	352796	10.00	ppb(v#	91
57) Methyl Methacrylate	12.174	69	150812	10.00	ppb(v#	68
58) 1,4-Dioxane	11.930	88	88550	10.00	ppb(v#	39
59) Bromodichloromethane	11.869	83	293538	10.00	ppb(v#	96
60) cis-1,3-Dichloropropene	12.988	75	240275	10.00	ppb(v#	91
61) 4-Methyl-2-pentanone	13.043	43	370552	10.00	ppb(v#	84
62) trans-1,3-Dichloropropene	13.661	75	214985	10.00	ppb(v#	91
63) Toluene	14.242	91	429738	10.00	ppb(v#	97
64) 1,1,2-Trichloroethane	13.881	97	151168	10.00	ppb(v	90
65) 2-Hexanone	14.609	58	193738	10.00	ppb(v#	77
66) Ethyl Methacrylate	14.622	69	263374	10.00	ppb(v#	89
67) Dibromochloromethane	14.799	129	241779	10.00	ppb(v#	99
68) Tetrachloroethene	15.759	166	160178	10.00	ppb(v#	92
69) 1,2-Dibromoethane	15.123	107	224634	10.00	ppb(v	98
70) Octane	15.582	43	369792	10.00	ppb(v#	77
71) 1,1,1,2-Tetrachloroethane	16.677	131	165495	10.00	ppb(v	81
73) Chlorobenzene	16.702	112	298183	10.00	ppb(v#	83
74) Ethylbenzene	17.240	91	543480	10.00	ppb(v	93
75) m,p-Xylene	17.515	91	825814	20.00	ppb(v	92
76) Styrene	18.035	104	290856	10.00	ppb(v#	91
77) Nonane	18.555	43	376595	10.00	ppb(v#	84
78) o-Xylene	18.194	91	421825	10.00	ppb(v	91
79) Bromoform	17.595	173	205618	10.00	ppb(v#	99
80) 1,1,2,2-Tetrachloroethane	18.182	83	353289	10.00	ppb(v#	97
81) 1,2,3-Trichloropropane	18.378	75	266051	10.00	ppb(v#	85
82) Isopropylbenzene	19.081	105	546751	10.00	ppb(v#	92
83) Bromobenzene	19.191	156	144201	10.00	ppb(v#	51
84) 2-Chlorotoluene	19.742	126	124134	10.00	ppb(v#	56
85) n-Propylbenzene	19.803	120	135207	10.00	ppb(v#	51
87) 4-Ethyltoluene	20.011	105	494100	10.00	ppb(v#	93
88) 1,3,5-Trimethylbenzene	20.121	105	424931	10.00	ppb(v#	92
89) alpha-Methylstyrene	20.335	118	203072	10.00	ppb(v	94
90) tert-Butylbenzene	20.660	134	83138	10.00	ppb(v#	63
91) 1,2,4-Trimethylbenzene	20.672	105	422214	10.00	ppb(v#	90
92) 1,3-Dichlorobenzene	20.855	146	241790	10.00	ppb(v#	87
93) Benzyl Chloride	20.843	91	415341	10.00	ppb(v#	90
94) 1,4-Dichlorobenzene	20.947	146	235491	10.00	ppb(v#	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1966.D
Acq On : 23 Dec 2013 8:32 pm
Operator : MIKEL1
Sample : ICC79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:05 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.021	134	105931	10.00	ppb(v#	62
96)	p-Isopropyltoluene	21.241	134	114815	10.00	ppb(v#	77
97)	1,2-Dichlorobenzene	21.394	146	227259	10.00	ppb(v#	88
98)	n-Butylbenzene	21.779	134	103431	10.00	ppb(v#	39
99)	Hexachloroethane	22.238	201	131099	10.00	ppb(v#	46
100)	1,2,4-Trichlorobenzene	23.523	180	142848	10.00	ppb(v	98
101)	Naphthalene	23.651	128	343636	10.00	ppb(v	100
102)	Hexachlorobutadiene	24.104	225	132401	10.00	ppb(v	98
104)	TVHC as equiv Pentane	6.204	TIC	619199	10.00	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

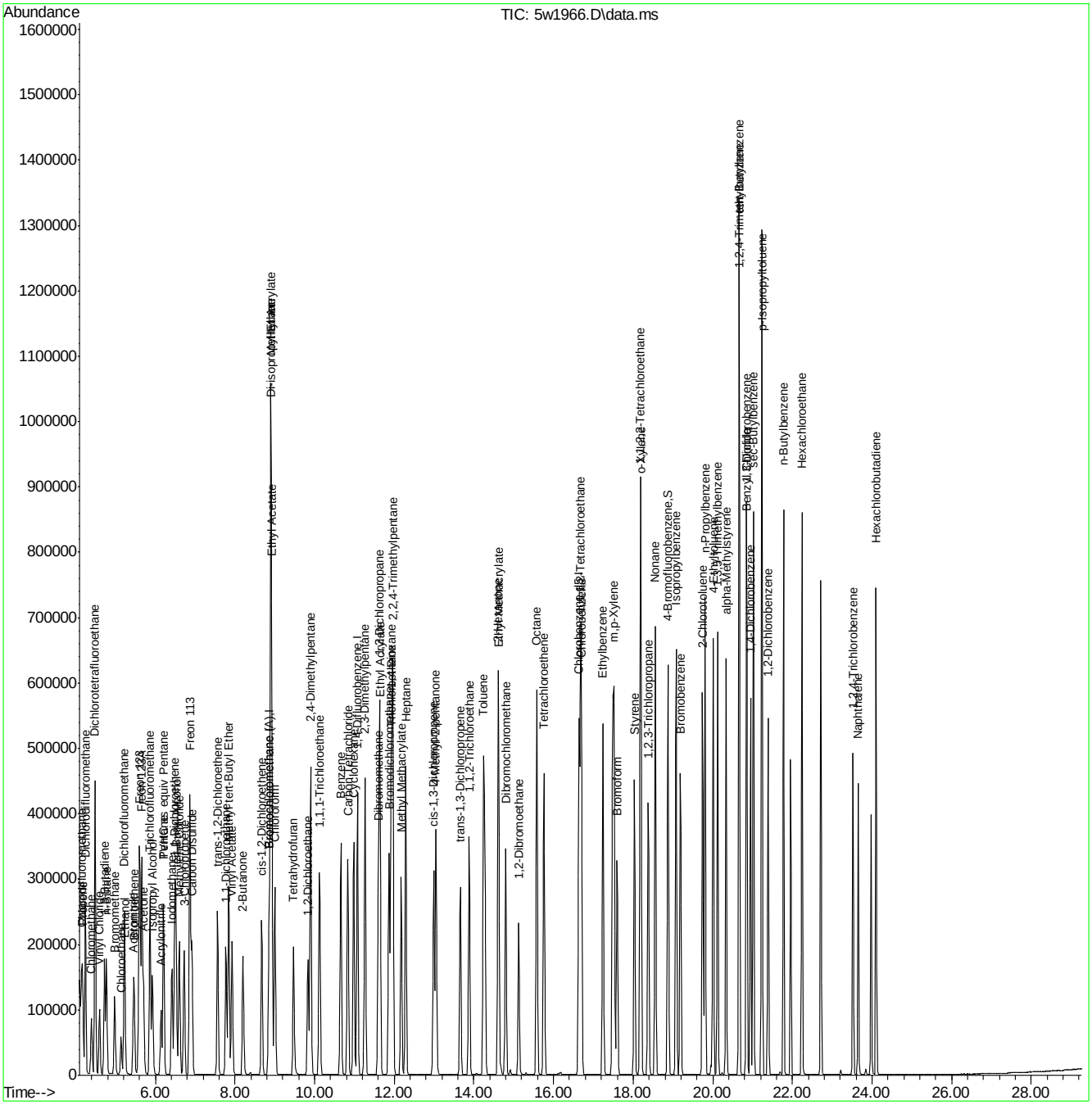
7.7.30

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1966.D
Acq On : 23 Dec 2013 8:32 pm
Operator : MIKEL1
Sample : ICC79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:05 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1967.D
Acq On : 23 Dec 2013 9:15 pm
Operator : MIKEL1
Sample : IC79-5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:07 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	99582	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	414366	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.640	82	245018	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.859	130	99582	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	315069	10.13	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 101.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.154	67	15943	5.23	ppb(v	99
4) Propene	4.179	41	52299	5.03	ppb(v	99
5) Dichlorodifluoromethane	4.246	85	158702	5.16	ppb(v	98
6) Chloromethane	4.399	50	63211	5.05	ppb(v	98
7) Dichlorotetrafluoroethane	4.491	85	157881	5.11	ppb(v#	75
8) Vinyl Chloride	4.601	62	69998	5.05	ppb(v#	98
9) 1,3-Butadiene	4.729	54	51962	5.06	ppb(v#	84
10) n-Butane	4.778	58	10874	5.11	ppb(v#	51
11) Bromomethane	4.986	94	56634	5.08	ppb(v	97
12) Chloroethane	5.145	64	33563	5.05	ppb(v#	94
13) Dichlorofluoromethane	5.225	67	149868	5.06	ppb(v#	97
14) Acetonitrile	5.451	41	58935	5.05	ppb(v	99
15) Freon 123	5.610	83	142049	5.02	ppb(v#	65
16) Freon 123A	5.659	117	68392	5.03	ppb(v#	38
17) Bromoethene	5.476	106	52185	5.12	ppb(v#	96
18) Trichlorofluoromethane	5.867	101	144544	5.07	ppb(v	99
19) Acetone	5.702	43	113020	5.00	ppb(v#	87
20) Pentane	6.210	57	16641	4.96	ppb(v	71
21) Iodomethane	6.418	142	123814	5.02	ppb(v	91
22) Isopropyl Alcohol	5.928	45	131941	5.01	ppb(v	98
23) 1,1-Dichloroethene	6.491	61	108991	4.99	ppb(v#	80
24) Freon 113	6.870	101	125730	4.96	ppb(v#	80
25) Methylene Chloride	6.607	84	57573	5.01	ppb(v#	70
26) Carbon Disulfide	6.919	76	194259	4.94	ppb(v	99
27) Ethanol	5.243	45	29938	4.99	ppb(v	97
28) Acrylonitrile	6.142	53	54498	4.97	ppb(v	100
29) 3-Chloropropene	6.724	76	28534	4.95	ppb(v#	46
30) trans-1,2-Dichloroethene	7.568	61	102081	4.93	ppb(v#	77
31) tert-Butyl Alcohol	6.516	59	162217	4.93	ppb(v#	92
32) Methyl tert-Butyl Ether	7.843	73	178882	5.01	ppb(v#	86
33) Vinyl Acetate	7.929	43	206660	5.03	ppb(v#	89
34) 1,1-Dichloroethane	7.776	63	129918	5.00	ppb(v#	98
35) 2-Butanone	8.204	72	32791	4.88	ppb(v#	35
36) Hexane	8.908	57	113487	5.01	ppb(v#	79
37) cis-1,2-Dichloroethene	8.675	61	97628	4.98	ppb(v#	76
38) Di-isopropyl Ether	8.901	45	288296	4.97	ppb(v	94
39) Ethyl Acetate	8.926	61	25772	4.93	ppb(v#	43
40) Methyl Acrylate	8.914	55	143125	4.95	ppb(v#	91
41) Chloroform	8.999	83	140155	5.02	ppb(v#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1967.D
Acq On : 23 Dec 2013 9:15 pm
Operator : MIKEL1
Sample : IC79-5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:07 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.899	57	133534	4.98	ppb(v#	93
43) Tetrahydrofuran	9.477	72	32940	4.94	ppb(v#	64
44) 1,1,1-Trichloroethane	10.125	97	128644	5.00	ppb(v	98
45) 1,2-Dichloroethane	9.831	62	89492	4.96	ppb(v#	97
46) Benzene	10.657	78	204844	4.99	ppb(v#	96
47) Carbon Tetrachloride	10.835	117	123981	4.88	ppb(v#	97
48) Cyclohexane	10.981	56	115298	4.99	ppb(v#	82
49) 2,3-Dimethylpentane	11.263	71	46010	4.96	ppb(v	75
51) 2,2,4-Trimethylpentane	11.960	57	377524	5.10	ppb(v#	95
52) Heptane	12.285	71	69240	5.05	ppb(v#	89
53) Trichloroethene	11.917	95	86463	5.10	ppb(v#	80
54) 1,2-Dichloropropane	11.630	63	87924	5.01	ppb(v#	92
55) Dibromomethane	11.599	174	56031	4.97	ppb(v#	33
56) Ethyl Acrylate	11.642	55	178813	4.99	ppb(v#	91
57) Methyl Methacrylate	12.174	69	75301	4.92	ppb(v#	67
58) 1,4-Dioxane	11.936	88	46230	5.14	ppb(v#	41
59) Bromodichloromethane	11.869	83	150263	5.04	ppb(v#	96
60) cis-1,3-Dichloropropene	12.988	75	120986	4.96	ppb(v#	91
61) 4-Methyl-2-pentanone	13.043	43	188146	5.00	ppb(v#	84
62) trans-1,3-Dichloropropene	13.655	75	108234	4.96	ppb(v#	91
63) Toluene	14.242	91	219891	5.04	ppb(v#	97
64) 1,1,2-Trichloroethane	13.881	97	77245	5.03	ppb(v	90
65) 2-Hexanone	14.609	58	97523	4.96	ppb(v#	76
66) Ethyl Methacrylate	14.622	69	133748	5.00	ppb(v#	89
67) Dibromochloromethane	14.799	129	120287	4.90	ppb(v#	98
68) Tetrachloroethene	15.759	166	80611	4.96	ppb(v#	92
69) 1,2-Dibromoethane	15.123	107	113603	4.98	ppb(v	98
70) Octane	15.582	43	185274	4.93	ppb(v#	76
71) 1,1,1,2-Tetrachloroethane	16.677	131	84566	5.03	ppb(v#	1
73) Chlorobenzene	16.702	112	153367	5.16	ppb(v#	82
74) Ethylbenzene	17.240	91	275184	5.08	ppb(v	92
75) m,p-Xylene	17.515	91	419546	10.20	ppb(v	91
76) Styrene	18.035	104	147012	5.07	ppb(v#	91
77) Nonane	18.555	43	190340	5.07	ppb(v#	84
78) o-Xylene	18.188	91	216290	5.15	ppb(v	92
79) Bromoform	17.595	173	103441	5.05	ppb(v#	98
80) 1,1,2,2-Tetrachloroethane	18.182	83	181368	5.15	ppb(v#	97
81) 1,2,3-Trichloropropane	18.378	75	135253	5.10	ppb(v#	85
82) Isopropylbenzene	19.081	105	276205	5.07	ppb(v#	92
83) Bromobenzene	19.191	156	72445	5.04	ppb(v#	51
84) 2-Chlorotoluene	19.742	126	62788	5.08	ppb(v#	55
85) n-Propylbenzene	19.803	120	67483	5.01	ppb(v#	48
87) 4-Ethyltoluene	20.011	105	247264	5.02	ppb(v#	93
88) 1,3,5-Trimethylbenzene	20.121	105	216584	5.12	ppb(v#	91
89) alpha-Methylstyrene	20.335	118	103560	5.12	ppb(v	95
90) tert-Butylbenzene	20.660	134	41461	5.00	ppb(v#	61
91) 1,2,4-Trimethylbenzene	20.666	105	213178	5.07	ppb(v#	89
92) 1,3-Dichlorobenzene	20.855	146	122671	5.09	ppb(v#	88
93) Benzyl Chloride	20.843	91	207914	5.02	ppb(v#	90
94) 1,4-Dichlorobenzene	20.947	146	119797	5.11	ppb(v#	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1967.D
Acq On : 23 Dec 2013 9:15 pm
Operator : MIKEL1
Sample : IC79-5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:07 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

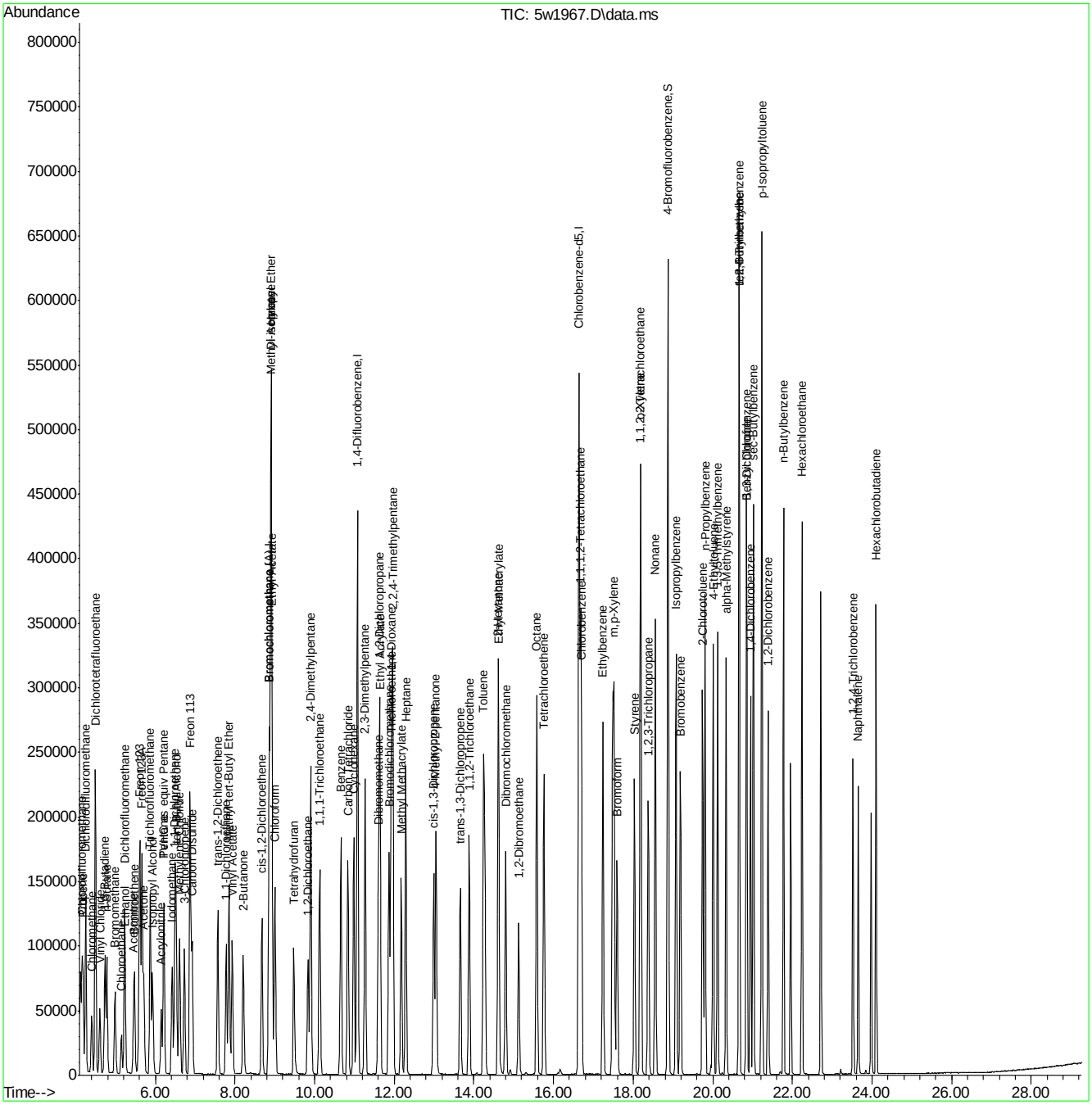
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.021	134	53209	5.04	ppb(v#	58
96)	p-Isopropyltoluene	21.235	134	58277	5.09	ppb(v#	77
97)	1,2-Dichlorobenzene	21.388	146	115500	5.10	ppb(v#	88
98)	n-Butylbenzene	21.779	134	52031	5.05	ppb(v#	37
99)	Hexachloroethane	22.238	201	63529	4.86	ppb(v#	43
100)	1,2,4-Trichlorobenzene	23.523	180	70698	4.97	ppb(v	97
101)	Naphthalene	23.651	128	171879	5.02	ppb(v	100
102)	Hexachlorobutadiene	24.104	225	64711	4.90	ppb(v	98
104)	TVHC as equiv Pentane	6.210	TIC	317200	4.98	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1967.D
Acq On : 23 Dec 2013 9:15 pm
Operator : MIKEL1
Sample : IC79-5
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:07 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1968.D
Acq On : 23 Dec 2013 10:01 pm
Operator : MIKEL1
Sample : IC79-20
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:09 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.859	130	95062	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.073	114	400056	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.640	82	255650	10.00	ppb(v	0.00
103) Bromochloromethane (A)	8.859	130	95062	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	307878	9.48	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 94.80%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.142	67	60220	20.69	ppb(v	99
4) Propene	4.172	41	203007	20.45	ppb(v	99
5) Dichlorodifluoromethane	4.240	85	609992	20.76	ppb(v	99
6) Chloromethane	4.393	50	242939	20.33	ppb(v	99
7) Dichlorotetrafluoroethane	4.478	85	594961	20.15	ppb(v#	75
8) Vinyl Chloride	4.595	62	269958	20.41	ppb(v#	98
9) 1,3-Butadiene	4.717	54	201359	20.55	ppb(v#	84
10) n-Butane	4.766	58	42018	20.68	ppb(v#	52
11) Bromomethane	4.974	94	215522	20.27	ppb(v	98
12) Chloroethane	5.133	64	130456	20.57	ppb(v#	94
13) Dichlorofluoromethane	5.212	67	572944	20.26	ppb(v#	97
14) Acetonitrile	5.445	41	226636	20.33	ppb(v	99
15) Freon 123	5.598	83	540750	20.03	ppb(v#	90
16) Freon 123A	5.653	117	262200	20.20	ppb(v#	40
17) Bromoethene	5.463	106	199418	20.51	ppb(v#	95
18) Trichlorofluoromethane	5.861	101	558797	20.53	ppb(v	99
19) Acetone	5.696	43	437665	20.30	ppb(v#	87
20) Pentane	6.204	57	66524	20.75	ppb(v#	71
21) Iodomethane	6.412	142	477310	20.28	ppb(v	89
22) Isopropyl Alcohol	5.922	45	512453	20.40	ppb(v	99
23) 1,1-Dichloroethene	6.485	61	430215	20.62	ppb(v#	79
24) Freon 113	6.864	101	491240	20.30	ppb(v#	80
25) Methylene Chloride	6.601	84	223193	20.34	ppb(v#	69
26) Carbon Disulfide	6.913	76	757502	20.20	ppb(v	100
27) Ethanol	5.237	45	118012	20.62	ppb(v	97
28) Acrylonitrile	6.136	53	217716	20.80	ppb(v	100
29) 3-Chloropropene	6.717	76	113290	20.58	ppb(v#	46
30) trans-1,2-Dichloroethene	7.562	61	408083	20.66	ppb(v#	76
31) tert-Butyl Alcohol	6.516	59	644224	20.52	ppb(v#	93
32) Methyl tert-Butyl Ether	7.837	73	697056	20.43	ppb(v#	85
33) Vinyl Acetate	7.923	43	816244	20.81	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	507668	20.45	ppb(v#	98
35) 2-Butanone	8.198	72	131853	20.58	ppb(v#	39
36) Hexane	8.901	57	429389	19.85	ppb(v#	78
37) cis-1,2-Dichloroethene	8.669	61	387192	20.70	ppb(v#	75
38) Di-isopropyl Ether	8.895	45	1105799	19.97	ppb(v	94
39) Ethyl Acetate	8.920	61	100213	20.09	ppb(v#	47
40) Methyl Acrylate	8.908	55	551148	19.97	ppb(v#	91
41) Chloroform	8.999	83	544167	20.42	ppb(v#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1968.D
Acq On : 23 Dec 2013 10:01 pm
Operator : MIKEL1
Sample : IC79-20
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:09 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.899	57	522515	20.39	ppb(v#	94
43) Tetrahydrofuran	9.464	72	130346	20.48	ppb(v#	64
44) 1,1,1-Trichloroethane	10.119	97	503645	20.50	ppb(v	98
45) 1,2-Dichloroethane	9.831	62	355115	20.63	ppb(v#	97
46) Benzene	10.657	78	788480	20.10	ppb(v#	95
47) Carbon Tetrachloride	10.828	117	497338	20.50	ppb(v#	97
48) Cyclohexane	10.981	56	449325	20.35	ppb(v#	82
49) 2,3-Dimethylpentane	11.263	71	178461	20.17	ppb(v	75
51) 2,2,4-Trimethylpentane	11.960	57	1443157	20.18	ppb(v#	95
52) Heptane	12.291	71	271127	20.50	ppb(v#	88
53) Trichloroethene	11.924	95	333024	20.34	ppb(v#	79
54) 1,2-Dichloropropane	11.630	63	341697	20.17	ppb(v	93
55) Dibromomethane	11.599	174	220109	20.23	ppb(v#	34
56) Ethyl Acrylate	11.642	55	708140	20.47	ppb(v#	91
57) Methyl Methacrylate	12.174	69	300376	20.31	ppb(v#	67
58) 1,4-Dioxane	11.930	88	178318	20.54	ppb(v#	38
59) Bromodichloromethane	11.868	83	594221	20.64	ppb(v#	96
60) cis-1,3-Dichloropropene	12.988	75	485529	20.61	ppb(v#	91
61) 4-Methyl-2-pentanone	13.049	43	735664	20.25	ppb(v#	84
62) trans-1,3-Dichloropropene	13.661	75	433850	20.58	ppb(v#	91
63) Toluene	14.242	91	841860	19.98	ppb(v#	97
64) 1,1,2-Trichloroethane	13.881	97	301269	20.32	ppb(v	90
65) 2-Hexanone	14.609	58	391068	20.59	ppb(v#	76
66) Ethyl Methacrylate	14.628	69	528989	20.48	ppb(v#	89
67) Dibromochloromethane	14.799	129	483922	20.41	ppb(v#	98
68) Tetrachloroethene	15.759	166	317031	20.18	ppb(v#	91
69) 1,2-Dibromoethane	15.129	107	444940	20.20	ppb(v#	98
70) Octane	15.582	43	735893	20.29	ppb(v#	77
71) 1,1,1,2-Tetrachloroethane	16.683	131	332872	20.51	ppb(v#	71
73) Chlorobenzene	16.701	112	593616	19.15	ppb(v#	82
74) Ethylbenzene	17.246	91	1065366	18.85	ppb(v#	93
75) m,p-Xylene	17.521	91	1626198	37.88	ppb(v#	91
76) Styrene	18.035	104	575507	19.03	ppb(v#	90
77) Nonane	18.561	43	743110	18.98	ppb(v#	84
78) o-Xylene	18.194	91	822509	18.75	ppb(v#	92
79) Bromoform	17.601	173	413268	19.33	ppb(v#	99
80) 1,1,2,2-Tetrachloroethane	18.182	83	676746	18.42	ppb(v#	98
81) 1,2,3-Trichloropropane	18.384	75	532749	19.26	ppb(v#	85
82) Isopropylbenzene	19.081	105	1063799	18.71	ppb(v#	92
83) Bromobenzene	19.191	156	284555	18.98	ppb(v#	50
84) 2-Chlorotoluene	19.748	126	246480	19.10	ppb(v#	57
85) n-Propylbenzene	19.809	120	265281	18.87	ppb(v#	54
87) 4-Ethyltoluene	20.011	105	961794	18.72	ppb(v#	94
88) 1,3,5-Trimethylbenzene	20.121	105	845646	19.14	ppb(v#	92
89) alpha-Methylstyrene	20.335	118	406679	19.26	ppb(v	95
90) tert-Butylbenzene	20.666	134	164657	19.05	ppb(v#	67
91) 1,2,4-Trimethylbenzene	20.672	105	820580	18.69	ppb(v#	90
92) 1,3-Dichlorobenzene	20.862	146	484178	19.26	ppb(v#	88
93) Benzyl Chloride	20.843	91	810747	18.78	ppb(v#	91
94) 1,4-Dichlorobenzene	20.953	146	476258	19.45	ppb(v#	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1968.D
Acq On : 23 Dec 2013 10:01 pm
Operator : MIKEL1
Sample : IC79-20
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:09 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

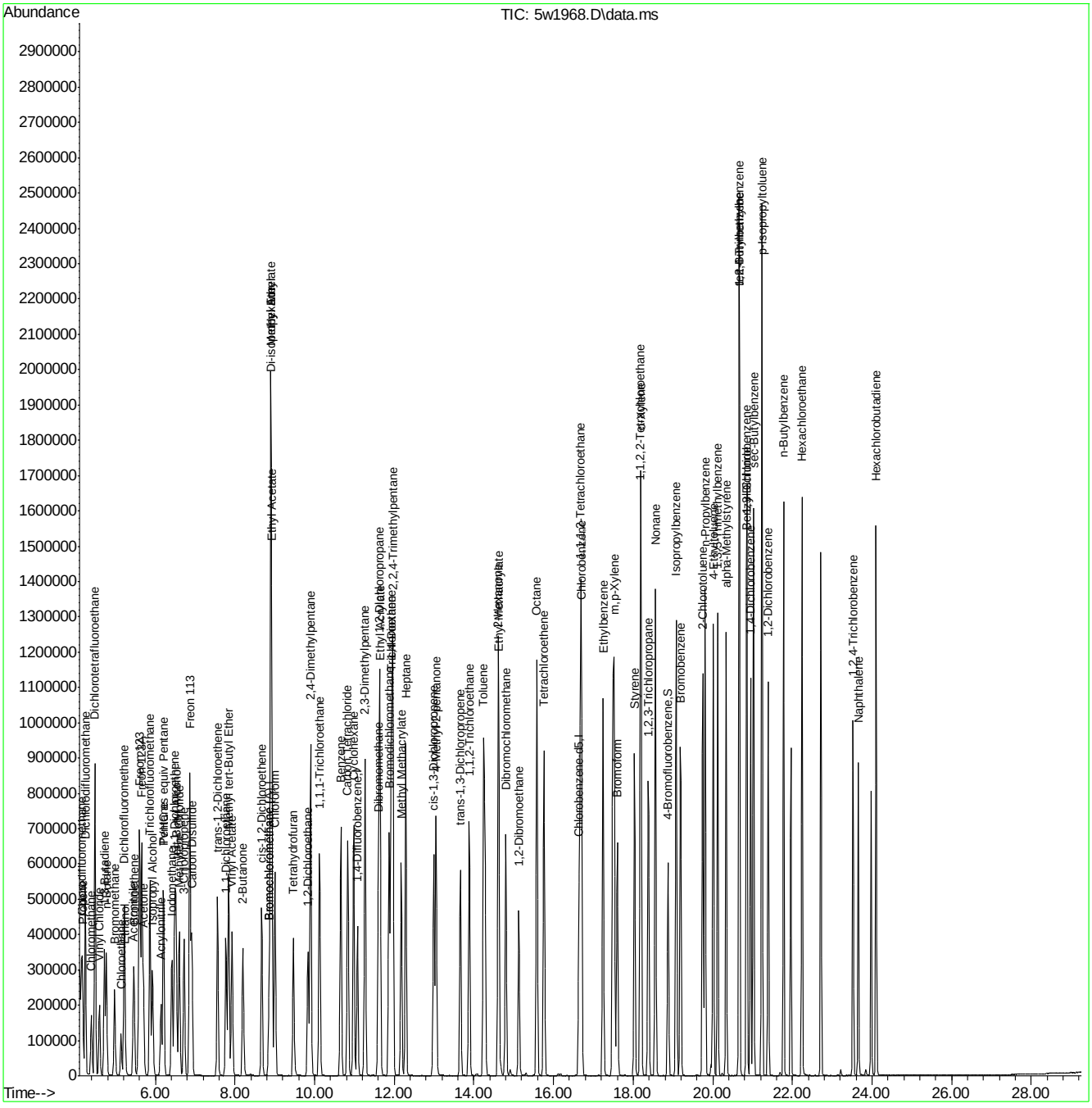
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.027	134	211146	19.17	ppb(v#	69
96)	p-Isopropyltoluene	21.241	134	227778	19.08	ppb(v#	81
97)	1,2-Dichlorobenzene	21.394	146	456938	19.34	ppb(v#	88
98)	n-Butylbenzene	21.779	134	210294	19.56	ppb(v#	50
99)	Hexachloroethane	22.244	201	269995	19.81	ppb(v#	54
100)	1,2,4-Trichlorobenzene	23.523	180	296152	19.94	ppb(v	98
101)	Naphthalene	23.657	128	687065	19.23	ppb(v	100
102)	Hexachlorobutadiene	24.104	225	284523	20.67	ppb(v	99
104)	TVHC as equiv Pentane	6.204	TIC	1244782	20.48	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1968.D
Acq On : 23 Dec 2013 10:01 pm
Operator : MIKEL1
Sample : IC79-20
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:09 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1971.D
Acq On : 24 Dec 2013 12:23 am
Operator : MIKEL1
Sample : IC79-40
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:15 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.865	130	90717	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.079	114	385086	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.647	82	276576	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.865	130	90717	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.879	95	305522	8.70	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 87.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.154	67	113651	40.93	ppb(v	96
4) Propene	4.179	41	396732	41.88	ppb(v	99
5) Dichlorodifluoromethane	4.252	85	1130718	40.33	ppb(v	99
6) Chloromethane	4.399	50	481219	42.20	ppb(v	99
7) Dichlorotetrafluoroethane	4.491	85	1127661	40.03	ppb(v#	75
8) Vinyl Chloride	4.601	62	529406	41.95	ppb(v#	98
9) 1,3-Butadiene	4.729	54	396742	42.43	ppb(v#	83
10) n-Butane	4.778	58	82692	42.64	ppb(v#	50
11) Bromomethane	4.986	94	413833	40.78	ppb(v	97
12) Chloroethane	5.145	64	255554	42.22	ppb(v#	93
13) Dichlorofluoromethane	5.225	67	1111718	41.19	ppb(v#	97
14) Acetonitrile	5.457	41	455563	42.83	ppb(v	99
15) Freon 123	5.610	83	1040023	40.38	ppb(v#	88
16) Freon 123A	5.665	117	504608	40.73	ppb(v#	35
17) Bromoethene	5.476	106	379535	40.90	ppb(v#	95
18) Trichlorofluoromethane	5.873	101	1053887	40.58	ppb(v	99
19) Acetone	5.702	43	870234	42.30	ppb(v#	87
20) Pentane	6.210	57	128789	42.10	ppb(v#	69
21) Iodomethane	6.424	142	894362	39.83	ppb(v#	86
22) Isopropyl Alcohol	5.941	45	989514	41.28	ppb(v	99
23) 1,1-Dichloroethene	6.491	61	843234	42.36	ppb(v#	78
24) Freon 113	6.870	101	941835	40.79	ppb(v#	80
25) Methylene Chloride	6.607	84	423146	40.40	ppb(v#	66
26) Carbon Disulfide	6.919	76	1436353	40.13	ppb(v	100
27) Ethanol	5.249	45	235988	43.22	ppb(v	97
28) Acrylonitrile	6.149	53	425797	42.62	ppb(v	99
29) 3-Chloropropene	6.730	76	218128	41.51	ppb(v#	41
30) trans-1,2-Dichloroethene	7.568	61	791906	42.00	ppb(v#	75
31) tert-Butyl Alcohol	6.534	59	1218025	40.65	ppb(v#	90
32) Methyl tert-Butyl Ether	7.843	73	1335493	41.02	ppb(v#	83
33) Vinyl Acetate	7.935	43	1610419	43.03	ppb(v#	88
34) 1,1-Dichloroethane	7.782	63	985194	41.59	ppb(v#	98
35) 2-Butanone	8.204	72	252674	41.32	ppb(v#	34
36) Hexane	8.908	57	797612	38.64	ppb(v#	75
37) cis-1,2-Dichloroethene	8.681	61	755459	42.31	ppb(v#	74
38) Di-isopropyl Ether	8.902	45	2049296	38.78	ppb(v	94
39) Ethyl Acetate	8.932	61	189742	39.86	ppb(v#	48
40) Methyl Acrylate	8.920	55	1027508	39.01	ppb(v#	91
41) Chloroform	9.012	83	1023368	40.24	ppb(v#	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1971.D
Acq On : 24 Dec 2013 12:23 am
Operator : MIKEL1
Sample : IC79-40
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:15 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.905	57	1028847	42.08	ppb(v#	93
43) Tetrahydrofuran	9.470	72	250945	41.31	ppb(v#	60
44) 1,1,1-Trichloroethane	10.131	97	962259	41.05	ppb(v	98
45) 1,2-Dichloroethane	9.838	62	696348	42.39	ppb(v#	97
46) Benzene	10.663	78	1497239	40.00	ppb(v#	94
47) Carbon Tetrachloride	10.841	117	956133	41.30	ppb(v#	96
48) Cyclohexane	10.982	56	874882	41.53	ppb(v#	81
49) 2,3-Dimethylpentane	11.269	71	342782	40.60	ppb(v#	73
51) 2,2,4-Trimethylpentane	11.966	57	2774299	40.30	ppb(v#	94
52) Heptane	12.297	71	524174	41.18	ppb(v#	87
53) Trichloroethene	11.930	95	640111	40.61	ppb(v#	79
54) 1,2-Dichloropropane	11.642	63	665558	40.82	ppb(v	93
55) Dibromomethane	11.612	174	413923	39.52	ppb(v#	29
56) Ethyl Acrylate	11.654	55	1399005	42.01	ppb(v#	91
57) Methyl Methacrylate	12.181	69	589270	41.40	ppb(v#	65
58) 1,4-Dioxane	11.936	88	339893	40.67	ppb(v#	44
59) Bromodichloromethane	11.881	83	1148639	41.46	ppb(v#	96
60) cis-1,3-Dichloropropene	12.994	75	935428	41.25	ppb(v#	91
61) 4-Methyl-2-pentanone	13.055	43	1479911	42.31	ppb(v#	83
62) trans-1,3-Dichloropropene	13.667	75	853002	42.04	ppb(v#	91
63) Toluene	14.248	91	1605471	39.58	ppb(v#	97
64) 1,1,2-Trichloroethane	13.894	97	578927	40.57	ppb(v	89
65) 2-Hexanone	14.615	58	748451	40.93	ppb(v#	76
66) Ethyl Methacrylate	14.634	69	1001873	40.30	ppb(v#	90
67) Dibromochloromethane	14.811	129	936882	41.05	ppb(v#	98
68) Tetrachloroethene	15.766	166	604790	40.00	ppb(v#	90
69) 1,2-Dibromoethane	15.135	107	857550	40.44	ppb(v#	98
70) Octane	15.588	43	1466216	42.01	ppb(v#	75
71) 1,1,1,2-Tetrachloroethane	16.689	131	645159	41.30	ppb(v#	49
73) Chlorobenzene	16.708	112	1134691	33.83	ppb(v#	82
74) Ethylbenzene	17.252	91	2044090	33.44	ppb(v#	93
75) m,p-Xylene	17.521	91	3108815	66.94	ppb(v#	91
76) Styrene	18.041	104	1100012	33.62	ppb(v#	88
77) Nonane	18.567	43	1441762	34.04	ppb(v#	83
78) o-Xylene	18.200	91	1535054	32.35	ppb(v#	92
79) Bromoform	17.607	173	818348	35.38	ppb(v#	98
80) 1,1,2,2-Tetrachloroethane	18.194	83	1248078	31.41	ppb(v#	98
81) 1,2,3-Trichloropropane	18.390	75	1049434	35.07	ppb(v#	84
82) Isopropylbenzene	19.087	105	2009406	32.67	ppb(v#	92
83) Bromobenzene	19.198	156	550605	33.95	ppb(v#	51
84) 2-Chlorotoluene	19.748	126	480196	34.39	ppb(v#	57
85) n-Propylbenzene	19.809	120	517423	34.02	ppb(v	67
87) 4-Ethyltoluene	20.017	105	1822723	32.80	ppb(v#	94
88) 1,3,5-Trimethylbenzene	20.127	105	1619692	33.89	ppb(v#	92
89) alpha-Methylstyrene	20.342	118	783474	34.30	ppb(v	94
90) tert-Butylbenzene	20.666	134	312699	33.44	ppb(v#	73
91) 1,2,4-Trimethylbenzene	20.678	105	1516006	31.92	ppb(v#	90
92) 1,3-Dichlorobenzene	20.868	146	930050	34.20	ppb(v#	88
93) Benzyl Chloride	20.849	91	1535117	32.86	ppb(v#	91
94) 1,4-Dichlorobenzene	20.959	146	912695	34.46	ppb(v#	87

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1971.D
Acq On : 24 Dec 2013 12:23 am
Operator : MIKEL1
Sample : IC79-40
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:15 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.027	134	405759	34.05	ppb(v#	75
96)	p-Isopropyltoluene	21.247	134	433410	33.56	ppb(v#	87
97)	1,2-Dichlorobenzene	21.400	146	873870	34.19	ppb(v#	87
98)	n-Butylbenzene	21.785	134	405173	34.83	ppb(v#	57
99)	Hexachloroethane	22.244	201	538086	36.49	ppb(v#	60
100)	1,2,4-Trichlorobenzene	23.529	180	583968	36.35	ppb(v	97
101)	Naphthalene	23.657	128	1325843	34.30	ppb(v	99
102)	Hexachlorobutadiene	24.104	225	563877	37.86	ppb(v	99
104)	TVHC as equiv Pentane	6.210	TIC	2480142	42.77	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

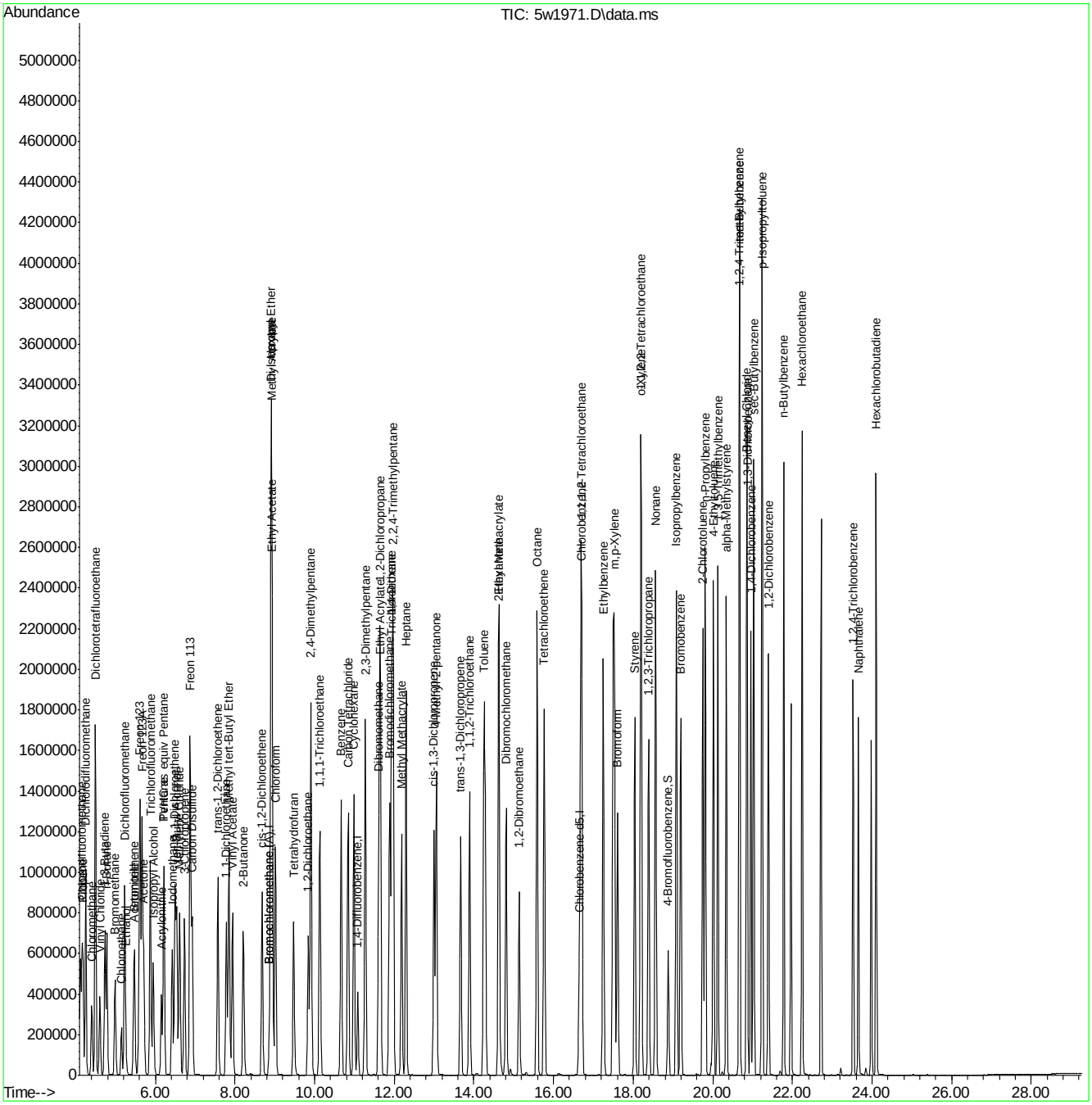
7.7.33

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1971.D
Acq On : 24 Dec 2013 12:23 am
Operator : MIKEL1
Sample : IC79-40
Misc : ms60248,v5w79,,,,,1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 10:11:15 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:10:23 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1975.D
Acq On : 24 Dec 2013 1:28 pm
Operator : MIKEL1
Sample : ICV79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 24 14:07:57 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.853	130	100943	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	421287	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.634	82	253471	10.00	ppb(v	# 0.00
103) Bromochloromethane (A)	8.853	130	100943	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.873	95	317596	9.95	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 99.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.142	67	30403	9.99	ppb(v	98
4) Propene	4.166	41	102141	9.63	ppb(v	98
5) Dichlorodifluoromethane	4.240	85	308398	9.99	ppb(v	98
6) Chloromethane	4.387	50	122949	9.94	ppb(v	98
7) Dichlorotetrafluoroethane	4.478	85	304878	9.99	ppb(v#	75
8) Vinyl Chloride	4.595	62	136322	10.32	ppb(v#	98
9) 1,3-Butadiene	4.717	54	100962	10.60	ppb(v#	84
10) n-Butane	4.766	58	21004	10.02	ppb(v#	52
11) Bromomethane	4.974	94	111547	10.05	ppb(v	98
12) Chloroethane	5.133	64	65458	10.04	ppb(v#	94
13) Dichlorofluoromethane	5.213	67	292103	9.93	ppb(v#	97
14) Acetonitrile	5.439	41	101910	7.92	ppb(v	99
15) Freon 123	5.598	83	278850	9.99	ppb(v#	73
16) Freon 123A	5.653	117	136610	10.53	ppb(v#	40
17) Bromoethene	5.463	106	103305	10.42	ppb(v#	96
18) Trichlorofluoromethane	5.861	101	284657	10.01	ppb(v	99
19) Acetone	5.690	43	212937	8.63	ppb(v	88
20) Pentane	6.204	57	33030	10.08	ppb(v	73
21) Iodomethane	6.412	142	250478	10.22	ppb(v	91
22) Isopropyl Alcohol	5.916	45	252597	8.46	ppb(v	99
23) 1,1-Dichloroethene	6.479	61	216403	10.25	ppb(v#	80
24) Freon 113	6.858	101	251724	9.83	ppb(v#	81
25) Methylene Chloride	6.595	84	115735	9.14	ppb(v#	71
26) Carbon Disulfide	6.913	76	392578	10.35	ppb(v	99
27) Ethanol	5.231	45	49664	7.11	ppb(v	98
28) Acrylonitrile	6.136	53	102785	9.95	ppb(v	100
29) 3-Chloropropene	6.718	76	57161	10.23	ppb(v#	48
30) trans-1,2-Dichloroethene	7.556	61	204922	10.38	ppb(v#	78
31) tert-Butyl Alcohol	6.510	59	317977	10.18	ppb(v#	94
32) Methyl tert-Butyl Ether	7.837	73	350728	10.02	ppb(v#	86
33) Vinyl Acetate	7.917	43	394986	9.83	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	258153	10.27	ppb(v#	98
35) 2-Butanone	8.192	72	64146	10.14	ppb(v#	43
36) Hexane	8.895	57	219747	9.58	ppb(v#	81
37) cis-1,2-Dichloroethene	8.669	61	194571	10.44	ppb(v#	76
38) Di-isopropyl Ether	8.895	45	556584	10.23	ppb(v	94
39) Ethyl Acetate	8.920	61	49885	10.52	ppb(v#	46
40) Methyl Acrylate	8.902	55	271701	9.95	ppb(v#	91
41) Chloroform	8.993	83	278830	10.27	ppb(v#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1975.D
Acq On : 24 Dec 2013 1:28 pm
Operator : MIKEL1
Sample : ICV79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 24 14:07:57 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42)	2,4-Dimethylpentane	9.893	57	261805	10.19	ppb(v#	94
43)	Tetrahydrofuran	9.464	72	65298	10.50	ppb(v#	66
44)	1,1,1-Trichloroethane	10.119	97	256729	10.07	ppb(v	98
45)	1,2-Dichloroethane	9.825	62	179928	10.42	ppb(v#	97
46)	Benzene	10.651	78	412103	10.23	ppb(v#	95
47)	Carbon Tetrachloride	10.829	117	253425	10.32	ppb(v#	97
48)	Cyclohexane	10.975	56	223815	10.10	ppb(v#	83
49)	2,3-Dimethylpentane	11.263	71	91367	10.67	ppb(v	77
51)	2,2,4-Trimethylpentane	11.954	57	732397	10.15	ppb(v#	96
52)	Heptane	12.285	71	138013	10.64	ppb(v#	89
53)	Trichloroethene	11.918	95	173624	10.46	ppb(v#	80
54)	1,2-Dichloropropane	11.624	63	174974	10.43	ppb(v#	92
55)	Dibromomethane	11.593	174	115083	10.52	ppb(v#	35
56)	Ethyl Acrylate	11.636	55	345298	10.23	ppb(v#	91
57)	Methyl Methacrylate	12.168	69	152874	10.83	ppb(v#	69
58)	1,4-Dioxane	11.924	88	88526	9.70	ppb(v#	41
59)	Bromodichloromethane	11.863	83	304152	10.49	ppb(v#	96
60)	cis-1,3-Dichloropropene	12.982	75	249494	10.86	ppb(v#	91
61)	4-Methyl-2-pentanone	13.043	43	367759	10.35	ppb(v#	84
62)	trans-1,3-Dichloropropene	13.655	75	219504	10.75	ppb(v#	91
63)	Toluene	14.242	91	446059	10.16	ppb(v#	97
64)	1,1,2-Trichloroethane	13.875	97	157197	10.53	ppb(v	90
65)	2-Hexanone	14.603	58	187730	9.99	ppb(v#	78
66)	Ethyl Methacrylate	14.622	69	268749	10.99	ppb(v#	89
67)	Dibromochloromethane	14.793	129	254151	10.69	ppb(v#	98
68)	Tetrachloroethene	15.759	166	165207	10.13	ppb(v#	91
69)	1,2-Dibromoethane	15.123	107	232459	10.47	ppb(v	98
70)	Octane	15.576	43	370234	10.22	ppb(v#	78
71)	1,1,1,2-Tetrachloroethane	16.677	131	174506	10.59	ppb(v	83
73)	Chlorobenzene	16.695	112	315632	10.25	ppb(v#	83
74)	Ethylbenzene	17.240	91	563894	10.32	ppb(v	93
75)	m,p-Xylene	17.491	91	855681	20.65	ppb(v	91
76)	Styrene	18.029	104	301767	10.66	ppb(v#	91
77)	Nonane	18.555	43	383207	10.46	ppb(v#	85
78)	o-Xylene	18.188	91	441126	10.53	ppb(v#	92
79)	Bromoform	17.595	173	218341	10.91	ppb(v#	99
80)	1,1,2,2-Tetrachloroethane	18.182	83	374190	10.77	ppb(v#	97
81)	1,2,3-Trichloropropane	18.378	75	276730	10.38	ppb(v#	85
82)	Isopropylbenzene	19.075	105	560669	10.17	ppb(v#	92
83)	Bromobenzene	19.185	156	149150	10.41	ppb(v#	51
84)	2-Chlorotoluene	19.742	126	131178	10.65	ppb(v#	55
85)	n-Propylbenzene	19.803	120	141203	10.83	ppb(v#	54
87)	4-Ethyltoluene	20.011	105	513045	10.58	ppb(v#	94
88)	1,3,5-Trimethylbenzene	20.121	105	440346	10.49	ppb(v#	92
89)	alpha-Methylstyrene	20.336	118	211996	10.97	ppb(v	95
90)	tert-Butylbenzene	20.660	134	86975	10.92	ppb(v#	62
91)	1,2,4-Trimethylbenzene	20.672	105	445547	10.90	ppb(v#	89
92)	1,3-Dichlorobenzene	20.856	146	250319	10.37	ppb(v#	87
93)	Benzyl Chloride	20.843	91	421169	11.36	ppb(v#	90
94)	1,4-Dichlorobenzene	20.947	146	245000	10.48	ppb(v#	88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1975.D
Acq On : 24 Dec 2013 1:28 pm
Operator : MIKEL1
Sample : ICV79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 24 14:07:57 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

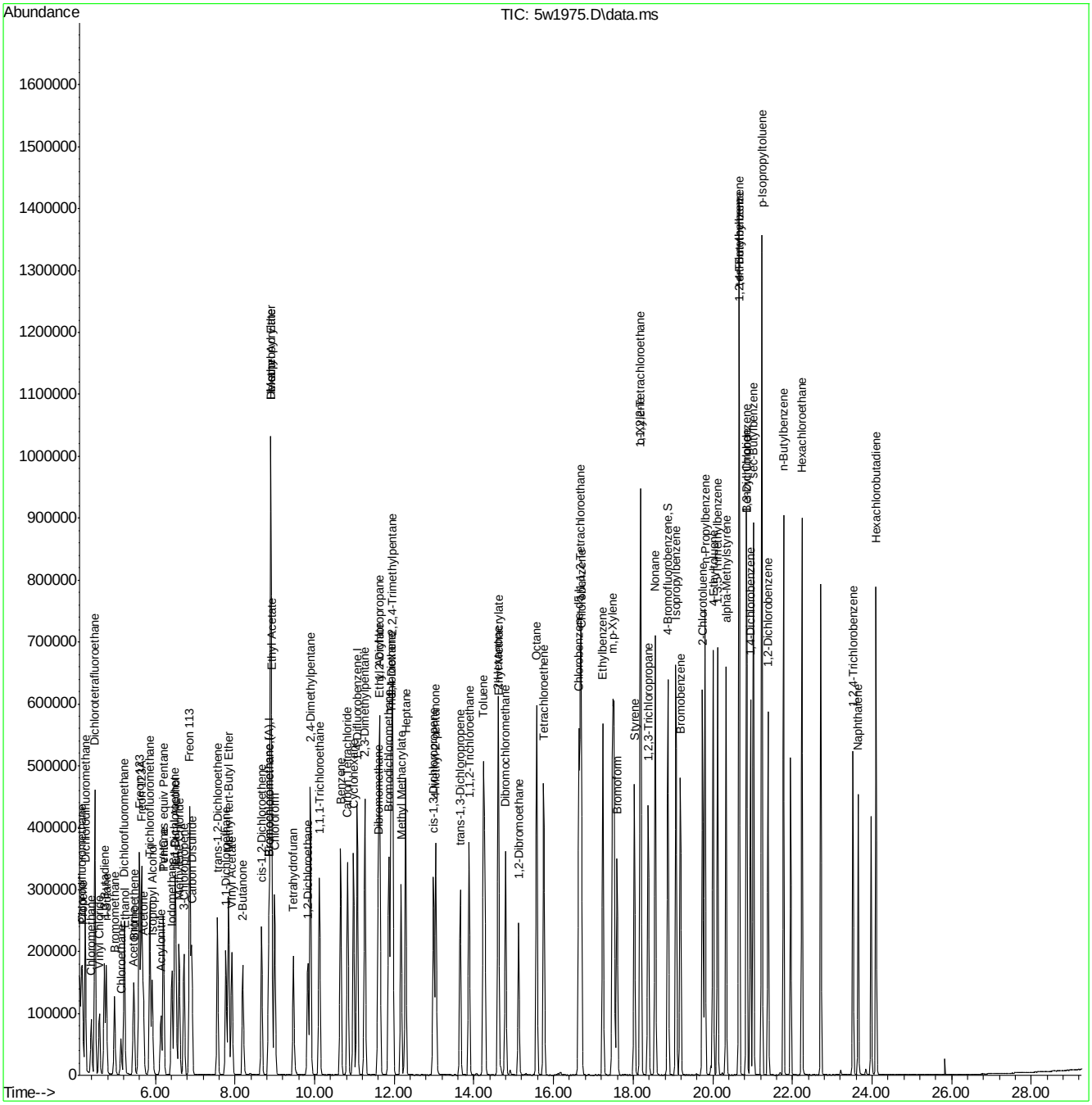
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95)	sec-Butylbenzene	21.021	134	109266	10.78	ppb(v#	61
96)	p-Isopropyltoluene	21.235	134	119704	10.86	ppb(v#	76
97)	1,2-Dichlorobenzene	21.388	146	237530	10.54	ppb(v#	88
98)	n-Butylbenzene	21.779	134	109283	11.60	ppb(v#	41
99)	Hexachloroethane	22.238	201	133964	10.74	ppb(v#	43
100)	1,2,4-Trichlorobenzene	23.523	180	149637	11.97	ppb(v	98
101)	Naphthalene	23.651	128	348571	11.49	ppb(v	100
102)	Hexachlorobutadiene	24.104	225	138705	10.96	ppb(v	98
104)	TVHC as equiv Pentane	6.204	TIC	621578	10.08	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w1975.D
Acq On : 24 Dec 2013 1:28 pm
Operator : MIKEL1
Sample : ICV79-10
Misc : ms60248,v5w79,,,,,1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 24 14:07:57 2013
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2456.D
Acq On : 18 Jan 2014 9:11 am
Operator : MIKEL1
Sample : CC79-10
Misc : ms61597,v5w99,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 08:09:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	8.852	130	69644	10.00	ppb(v	# 0.00
50) 1,4-Difluorobenzene	11.067	114	288575	10.00	ppb(v	# 0.00
72) Chlorobenzene-d5	16.628	82	170851	10.00	ppb(v	#-0.01
103) Bromochloromethane (A)	8.852	130	69644	10.00	ppb(v	# 0.00
System Monitoring Compounds						
86) 4-Bromofluorobenzene	18.867	95	212005	9.85	ppb(v	0.00
Spiked Amount 10.000	Range 65 - 128		Recovery = 98.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	4.142	67	21416	10.20	ppb(v	99
4) Propene	4.172	41	78144	10.68	ppb(v	99
5) Dichlorodifluoromethane	4.240	85	215509	10.12	ppb(v	98
6) Chloromethane	4.387	50	90540	10.61	ppb(v	98
7) Dichlorotetrafluoroethane	4.484	85	207387	9.85	ppb(v#	74
8) Vinyl Chloride	4.595	62	95600	10.49	ppb(v#	98
9) 1,3-Butadiene	4.723	54	70921	10.79	ppb(v#	84
10) n-Butane	4.772	58	14937	10.32	ppb(v#	38
11) Bromomethane	4.974	94	74457	9.72	ppb(v	98
12) Chloroethane	5.139	64	46231	10.28	ppb(v#	93
13) Dichlorofluoromethane	5.219	67	198488	9.78	ppb(v#	97
14) Acetonitrile	5.445	41	86598	9.75	ppb(v	99
15) Freon 123	5.598	83	190512	9.89	ppb(v#	49
16) Freon 123A	5.653	117	89825	10.04	ppb(v#	35
17) Bromoethene	5.469	106	68273	9.98	ppb(v#	95
18) Trichlorofluoromethane	5.861	101	204711	10.44	ppb(v	99
19) Acetone	5.696	43	158465	9.31	ppb(v	88
20) Pentane	6.203	57	23864	10.55	ppb(v#	69
21) Iodomethane	6.411	142	168996	9.99	ppb(v	87
22) Isopropyl Alcohol	5.916	45	183069	8.89	ppb(v	99
23) 1,1-Dichloroethene	6.479	61	150122	10.30	ppb(v#	80
24) Freon 113	6.858	101	179123	10.13	ppb(v#	81
25) Methylene Chloride	6.601	84	85477	9.78	ppb(v#	67
26) Carbon Disulfide	6.913	76	275544	10.53	ppb(v	99
27) Ethanol	5.237	45	44127	9.15	ppb(v	97
28) Acrylonitrile	6.136	53	77298	10.85	ppb(v	99
29) 3-Chloropropene	6.717	76	39290	10.19	ppb(v#	47
30) trans-1,2-Dichloroethene	7.555	61	139334	10.23	ppb(v#	77
31) tert-Butyl Alcohol	6.509	59	215533	10.01	ppb(v#	92
32) Methyl tert-Butyl Ether	7.837	73	235113	9.73	ppb(v#	84
33) Vinyl Acetate	7.916	43	276751	9.99	ppb(v#	89
34) 1,1-Dichloroethane	7.770	63	179732	10.37	ppb(v#	98
35) 2-Butanone	8.192	72	44700	10.24	ppb(v#	32
36) Hexane	8.895	57	162433	10.27	ppb(v#	82
37) cis-1,2-Dichloroethene	8.663	61	130897	10.18	ppb(v#	76
38) Di-isopropyl Ether	8.895	45	403077	10.74	ppb(v	93
39) Ethyl Acetate	8.914	61	35506	10.86	ppb(v#	38
40) Methyl Acrylate	8.901	55	199375	10.58	ppb(v#	91
41) Chloroform	8.993	83	191801	10.24	ppb(v#	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2456.D
Acq On : 18 Jan 2014 9:11 am
Operator : MIKEL1
Sample : CC79-10
Misc : ms61597,v5w99,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 08:09:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4-Dimethylpentane	9.892	57	181642	10.25	ppb(v#	92
43) Tetrahydrofuran	9.464	72	43418	10.12	ppb(v#	59
44) 1,1,1-Trichloroethane	10.113	97	178146	10.13	ppb(v	98
45) 1,2-Dichloroethane	9.819	62	119958	10.07	ppb(v#	97
46) Benzene	10.651	78	274576	9.88	ppb(v#	96
47) Carbon Tetrachloride	10.822	117	178383	10.53	ppb(v#	97
48) Cyclohexane	10.969	56	153624	10.05	ppb(v#	82
49) 2,3-Dimethylpentane	11.257	71	61414	10.39	ppb(v#	72
51) 2,2,4-Trimethylpentane	11.948	57	516894	10.46	ppb(v#	95
52) Heptane	12.278	71	92577	10.42	ppb(v#	87
53) Trichloroethene	11.911	95	115440	10.15	ppb(v#	80
54) 1,2-Dichloropropane	11.624	63	121375	10.56	ppb(v#	92
55) Dibromomethane	11.593	174	75483	10.07	ppb(v#	31
56) Ethyl Acrylate	11.636	55	238586	10.32	ppb(v#	91
57) Methyl Methacrylate	12.168	69	100281	10.37	ppb(v#	68
58) 1,4-Dioxane	11.924	88	60150	9.62	ppb(v#	35
59) Bromodichloromethane	11.856	83	205384	10.34	ppb(v#	96
60) cis-1,3-Dichloropropene	12.982	75	162544	10.33	ppb(v#	91
61) 4-Methyl-2-pentanone	13.037	43	256408	10.54	ppb(v#	83
62) trans-1,3-Dichloropropene	13.649	75	141992	10.15	ppb(v#	91
63) Toluene	14.236	91	290462	9.66	ppb(v#	97
64) 1,1,2-Trichloroethane	13.875	97	103518	10.12	ppb(v	90
65) 2-Hexanone	14.603	58	131710	10.24	ppb(v#	74
66) Ethyl Methacrylate	14.615	69	177827	10.62	ppb(v#	88
67) Dibromochloromethane	14.793	129	169222	10.39	ppb(v#	99
68) Tetrachloroethene	15.753	166	107210	9.60	ppb(v#	92
69) 1,2-Dibromoethane	15.117	107	151122	9.94	ppb(v	98
70) Octane	15.570	43	257629	10.38	ppb(v#	75
71) 1,1,1,2-Tetrachloroethane	16.671	131	116733	10.34	ppb(v	82
73) Chlorobenzene	16.689	112	206011	9.92	ppb(v#	83
74) Ethylbenzene	17.234	91	359151	9.75	ppb(v	93
75) m,p-Xylene	17.509	91	555915	19.91	ppb(v	92
76) Styrene	18.029	104	190977	10.00	ppb(v#	92
77) Nonane	18.549	43	266201	10.78	ppb(v#	83
78) o-Xylene	18.188	91	285416	10.10	ppb(v#	92
79) Bromoform	17.589	173	140702	10.43	ppb(v#	98
80) 1,1,2,2-Tetrachloroethane	18.176	83	245837	10.49	ppb(v#	98
81) 1,2,3-Trichloropropane	18.372	75	182159	10.14	ppb(v#	85
82) Isopropylbenzene	19.075	105	367400	9.88	ppb(v#	93
83) Bromobenzene	19.185	156	95348	9.87	ppb(v#	52
84) 2-Chlorotoluene	19.736	126	83994	10.11	ppb(v#	58
85) n-Propylbenzene	19.797	120	91891	10.46	ppb(v#	52
87) 4-Ethyltoluene	20.005	105	331878	10.16	ppb(v#	94
88) 1,3,5-Trimethylbenzene	20.115	105	285409	10.09	ppb(v#	93
89) alpha-Methylstyrene	20.329	118	134380	10.32	ppb(v	95
90) tert-Butylbenzene	20.653	134	56525	10.53	ppb(v#	61
91) 1,2,4-Trimethylbenzene	20.666	105	288343	10.46	ppb(v#	90
92) 1,3-Dichlorobenzene	20.855	146	161573	9.93	ppb(v#	87
93) Benzyl Chloride	20.837	91	272214	10.90	ppb(v#	90
94) 1,4-Dichlorobenzene	20.947	146	158569	10.06	ppb(v#	89

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2456.D
Acq On : 18 Jan 2014 9:11 am
Operator : MIKEL1
Sample : CC79-10
Misc : ms61597,v5w99,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 08:09:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration

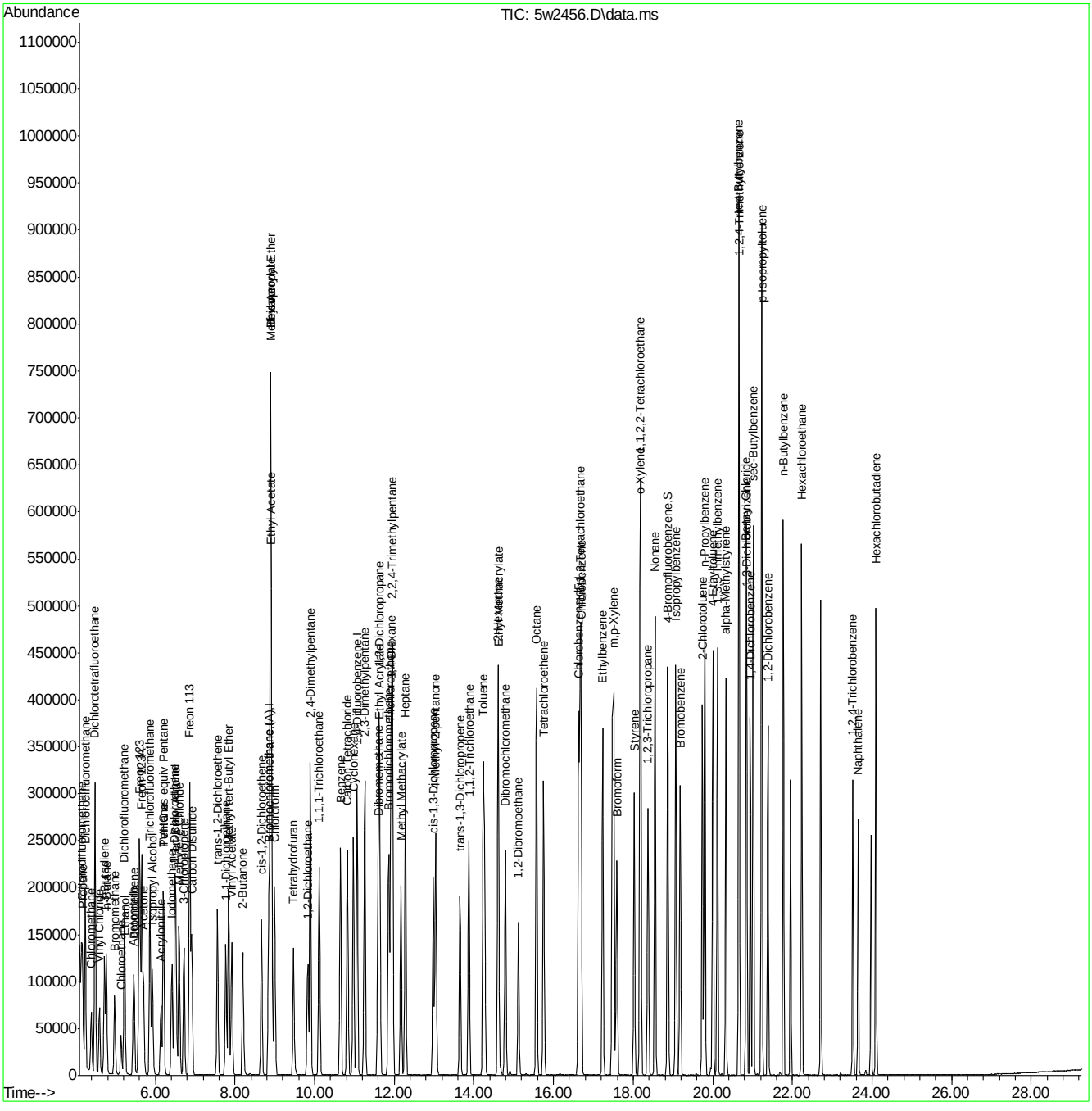
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) sec-Butylbenzene	21.014	134	70333	10.29	ppb(v#	58
96) p-Isopropyltoluene	21.235	134	78926	10.63	ppb(v#	76
97) 1,2-Dichlorobenzene	21.388	146	151638	9.98	ppb(v#	88
98) n-Butylbenzene	21.773	134	70539	11.11	ppb(v#	40
99) Hexachloroethane	22.238	201	85980	10.23	ppb(v#	39
100) 1,2,4-Trichlorobenzene	23.517	180	88309	10.48	ppb(v	98
101) Naphthalene	23.651	128	209311	10.24	ppb(v	100
102) Hexachlorobutadiene	24.098	225	86055	10.09	ppb(v	98
104) TVHC as equiv Pentane	6.203	TIC	452792	10.64	ppb(v	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\
Data File : 5w2456.D
Acq On : 18 Jan 2014 9:11 am
Operator : MIKEL1
Sample : CC79-10
Misc : ms61597,v5w99,,,,,1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 08:09:36 2014
Quant Method : C:\msdchem\1\METHODS\m5w79.M
Quant Title : TO-15 Full Scan Mode
QLast Update : Tue Dec 24 10:23:17 2013
Response via : Initial Calibration



ACCUTEST LABORATORIES JB58146

TO-14/TO-15

ACCUTEST

Batch ID: V3W1416

Date: 11/6/13

Analyst Signature:

Columns: RTX-1 60M X .32mm

Method: TO15 3W.M

Seq. File: 3W110613.S

Initial Cal. Method: M3W1416

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.
AS 5800	IS/surr	40ppbv

Standard Data

Lot #	Description	Conc.
AS 5816	TO15LCS	40ppbv
AS 5815	TO15 STD	40ppbv
AS 5810	TO15 STD	1.0ppbv
AS 5811	TO15 STD	0.4ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Dan Tyn Date: 11/7/13

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W36922	BFB		A959	100					OK	
2	3W36923	CC1350-10		A978	100			/	/	not used	
2	3W36924	CC1350-10		A978	100			/	/	not used	
5	3W36925	BFB		A959	100					OK	
2	3W36926	CC1350-10		A978	100			/	/	not used	
2	3W36927	CC1350-10		A978	100			/	/	not used	
2	3W36928	CC1350-10		A978	100			/	/	not used	
5	3W36929	IB		A959	100					not used	
5	3W36930	IB		A959	100					not used	
5	3W36931	IB		A959	100					not used	
5	3W36932	BFB		A959	100					OK	
2	3W36933	IC1416-0.5		A980	200			/	/	not used	
2	3W36934	IC1416-0.2		A980	80			/	/	not used	
1	3W36935	IC1416-20		A977	200			/	/	OK	
1	3W36936	IC1416-15		A977	150			/	/	OK	
1	3W36937	IC1416-10		A977	100			/	/	OK	
1	3W36938	IC1416-5		A977	50			/	/	OK	
5	3W36939	IB		A959	100					not used	
3	3W36940	IC1416-0.1		A966	100			/	/	OK	
3	3W36941	IC1416-0.04		A966	40			/	/	OK	
1	3W36942	IC1416-30		A977	300			/	/	OK	
5	3W36943	IB		A959	100					not used	
1	3W36944	IC1416-40		A977	400			/	/	OK	
5	3W36945	IB		A959	100					not used	
5	3W36946	IB		A959	100					not used	
2	3W36947	IC1416-0.5		A980	200			/	/	OK	
2	3W36948	IC1416-0.2		A980	80			/	/	OK	
4	3W36949	ICV1416-10		A965	100			/	/	OK	

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

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7.8.1

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TO-14/TO-15

Batch ID: V3W1456

ACCUTEST

Analyst Signature:

Date: 1/6/14

Columns: RTX-1 60MX.32mm
Method: TO15W,M
Seq. File: 3W010614.S
Initial Cal. Method: M3W1416

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS 5880	TO15STD	40ppbv
AS 5881	TO15LCS	↓
AS 5891	IS|Surr	↓

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 1/8/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W38095	BFB		A961	100			/	/	OK	
2	3W38096	CC1416-10		A967	100			/	/	OK	
3	3W38097	BS		A978	100			/	/	OK	
3	3W38098	BSD		A978	100			/	/	OK	
5	3W38099	IB		A961	100			/	/	—	
5	3W38100	MB		A961	400			/	/	OK	
5	3W38101	SCC		A891	400			/	/	OK	
6	3W38102	JB56547-15	STD	A1153, A558	25	230		/	/	OK	
7	3W38103	JB56547-16	↓	A422, A425	25	115		/	/	OK	
8	3W38104	JB56637-1	STD, Nap	A490, A699	150	644		/	/	OK	
9	3W38105	JB56408-11	STD	A596	25	1		/	/	OK	
10	3W38106	SCC		A272	400	1		/	/	OK	
11	3W38107	JB56908-4	STD	A440	100	1		/	/	RR	data not match
11	3W38108	JB56908-4DUP	↓	A440	100	1		/	/	OK	
12	3W38109	JB56581-3	STD	A1227, A426	150	22.6		/	/	OK	
13	3W38110	JB56902-1	STD	A367, A417	50	240		/	/	RR	Possible C/O
14	3W38111	SCC		A278	400	1		/	/	OK	
15	3W38112	JB56989-1	STD, Nap	A1143	100	1		/	/	OK	
16	3W38113	JB56989-2	↓	A572	100	1		/	/	OK	
1	3W38114	JB56992-1	STD, Nap	A1222	100	1		/	/	OK/DL	RR20m
2	3W38115	JB55642-6R	STD	A739	400	1		/	/	OK/DL	RR20m
3	3W38116	JB55642-7R	↓	A322	608	1.52		/	/	OK/DL	592 m | RR20m
4	3W38117	JB55642-8R		A252	1492 m	1.48		/	/	OK/DL	592 m | RR20m
5	3W38118	JB55642-9R		A1203	592 m	1.48		/	/	OK/DL	RR20m
6	3W38119	JB55642-10R		A1075	400	1		/	/	RR	Possible C/O
7	3W38120	JB55642-11R	↓	A040	400	1		/	/	OK/DL	RR20m
8	3W38121	JB56908-2	STD	A845	608	1.52		/	/	OK/DL	RR20m
9	3W38122	JB56908-3	↓	A627	400	1		/	/	OK/DL	RR10000X
10	3W38123	JB57003-1	STD+	A1225, A703	200	550		/	/	RR	RR C/O
11	3W38124	JB56408-7	STD	A290	400	1		/	/		

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

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ACCUTEST Laboratories

Canister Secondary Dilution Log

			Original Canister Dilution				Secondary Canister Dilution						
Date	Initials	Accutest Sample ID	Canister ID	Vacuum in "Hg at time of Dilution	Final Pressure psig	Dilution Factor	Canister ID	Canister Volume CC	Sample Volume Added CC	Final Pressure psig	Equiv Total Volume CC	Dilution Factor	Final Canister Dilution Factor
1/6/14	YH	JB56637-1	A390	20	1.0	3.22	A699	1000	10	14.7	2000	200	644
"	"	JB56581-3	A1227	1.5	1.0	1.13	A426	1000	100	14.7	2000	20	22.6
"	"	JB56802-1	A367	3.0	1.2	1.2	A417	1000	10	14.7	2000	200	240
"	"	JB57003-1	A1225	0.5	1.2	1.1	A203	6000	20	9.8	10,000	500	550

Definition: Final DF = (Original Canister DF) x (Secondary Canister DF)

Dilution Factor at Instrument = (Final Canister Dilution Factor) x (Normal Sampling Volume in cc) / (Sample Volume in cc Injected)

Example: Original Canister is diluted 2x for manual sample draw. 75cc from this canister is added to a 375cc minican and brought to 14.7 psig or 750cc equiv volume. This results in an additional dilution of 750/75 or 10. The final canister dilution factor is 2 x 10 = 20. From the dilution canister 20cc is injected at the instrument where normal volume is 400cc. This is an additional instrument dilution factor of 20. The final dilution multiplier is 20(from canister dilution) x 20(from instrument dilution) = 400

Notes:

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error; # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

TO-14/TO-15

ACCUTEST

Batch ID: V3W1456/1457

Date: 1/7/14

Analyst Signature:

Columns: RTX-1 60M X.32mm

Method: TO15 3W.M

Seq. File: 3W100714.S

Initial Cal. Method: M3W1416

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS5880	TO15STD	40ppbv
AS5881	TO15LCS	↓
AS5891	IS/SURR	↓

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 1/8/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W38125	BFB		A961	100			✓	✓	OK	
2	3W38126	CC1416-10		A967	100			✓	✓	OK	
3	3W38127	BS		A978	100			✓	✓	OK	
3	3W38128	BSD		A978	100			✓	✓	OK	
5	3W38129	IB		A961	100			✓	✓	—	
5	3W38130	MB		A961	400			✓	✓	OK	
6	3W38131	JB56989-10dup	STD,dup	A1143	100	1		✓	✓	OK	
7	3W38132	SCC		A278	400	1		✓	✓	OK	
8	3W38133	JB55642-11R	STD	A040	620	1.55		✓	✓	OK	
8	~~38~~ YH 3W38134	JB55642-11RDup	↓	A040	620	1.55		✓	✓	OK	
9	3W38135	JB56967-2	NYSVLL	A1169	400	1		✓	✓	OK	
10	3W38136	JB56967-3	↓	A1187	400	1		✓	✓	OK	
11	3W38137	JB55642-~~8R~~11R	YH STD	A734	20	1.52		✓	✓	OK	
12	3W38138	JB55642-7R	↓	A322	20	1.52		✓	✓	OK	
13	3W38139	JB55642-8R	↓	A252	50	1.48		✓	✓	OK	
14	3W38140	JB55642-8R	↓	A252, A555	200	29.6		✓	✓	OK	
15	3W38141	JB55642-9R	↓	A1203	20	1.48		✓	✓	OK	
16	3W38142	JB55642-10R	↓	A1075	20	1.55		✓	✓	OK	
1	3W38143	JB56908-2	STD	A845	20	1.52		✓	✓	OK	
2	3W38144	JB56908-3	↓	A627	200	1		✓	✓	OK	
3	3W38145	JB57003-1	STD	A1225, A1203, A558	200	11,000		✓	✓	OK	
4	3W38146	JB56408-7	STD	A690	400	1		✓	✓	OK	
5	3W38147	SCC		A1195	400	1		✓	✓	RR	Possible CID
6	3W38148	JB55642-1	STD	A289	400	1		✓	✓	OK/DL	RR 50m/SDX
7	3W38149	JB55642-2	↓	A079	400	1		✓	✓	OK/DL	RR 50m/SDX
8	3W38150	JB55642-3	↓	A829	608	1.52		✓	✓	OK/DL	RR 50m/SDX
9	3W38152	JB55642-4	↓	A853	632	1.58		✓	✓	OK/DL	RR 20m YH 50m/SDX
10	3W38153	JB55642-5	↓	A983	620	1.55		✓	✓	OK/DL	RR 20m

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

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7.8.2

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Canister Secondary Dilution Log

			Original Canister Dilution				Secondary Canister Dilution						
Date	Initials	Accutest Sample ID	Canister ID	Vacuum in "Hg at time of Dilution	Final Pressure psig	Dilution Factor	Canister ID	Canister Volume CC	Sample Volume Added CC	Final Pressure psig	Equiv Total Volume CC	Dilution Factor	Final Canister Dilution Factor
1/7/14	YH	JB55642-8	A252	8.0	1.2	1.48	A555	1000	100	14.7	2000	20	29.6
		JB55642-11R	A040	9.0	1.2	1.55							
		JB55642-6R	A739	8.5	1.3	1.52							
		JB55642-10R	A1075	9.0	1.2	1.55							
↓		JB57003-1	A203	+14.7	+14.7	550	A578	1000	100	14.7	2000	20	11.000

Definition:

Final DF = (Original Canister DF) x (Secondary Canister DF)

Dilution Factor at Instrument = (Final Canister Dilution Factor) x (Normal Sampling Volume in cc) / (Sample Volume in cc Injected)

Example:

Original Canister is diluted 2x for manual sample draw. 75cc from this canister is added to a 375cc minican and brought to 14.7 psig or 750cc equiv volume. This results in an additional dilution of 750/75 or 10. The final canister dilution factor is 2 x 10 = 20. From the dilution canister 20cc is injected at the instrument where normal volume is 400cc. This is an additional instrument dilution factor of 20. The final dilution multiplier is 20(from canister dilution) x 20(from instrument dilution) = 400

Notes:

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error; # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

TO-14/TO-15

ACCUTEST

Batch ID: V3W1456/1457

Date: 1/7/14

Analyst Signature:

Columns: RTX-1 60MX.32mm

Method: TO15W.M

Seq. File: 3W100714.S

Initial Cal. Method: M3W1416

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS5880	TO15STD	40ppbV
AS 5881	TO15LCS	↓
AS 5891	IS/Surr	↓

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 1/8/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W38125	BFB		A961	100					OK	
2	3W38126	CC1416-10		A967	100			✓	✓	OK	
3	3W38127	BS		A978	100			✓	✓	OK	
3	3W38128	BSD		A978	100			✓	✓	OK	
5	3W38129	IB		A961	100			✓	✓	—	
5	3W38130	MB		A961	400			✓	✓	OK	
6	3W38131	JB56989-10up	STD,Up	A1143	100	1		✓	✓	OK	
7	3W38132	SCC		A278	400	1		✓	✓	OK	
8	3W38133	JB55642-11R	STD	A040	620	1.55		✓	✓	OK	
8	~~38~~ YH 3W38134	JB55642-11RDup	↓	A040	620	1.55		✓	✓	OK	
9	3W38135	JB56967-2	NYSVLL	A1169	400	1		✓	✓	OK	
10	3W38136	JB56967-3	↓	A1187	400	1		✓	✓	OK	
11	3W38137	JB55642-~~8R~~6R	YH STD	A739	20	1.52		✓	✓	OK	
12	3W38138	JB55642-7R	↓	A322	20	1.52		✓	✓	OK	
13	3W38139	JB55642-8R	↓	A252	50	1.48		✓	✓	OK	
14	3W38140	JB55642-8R	↓	A252, A555	200	29.6		✓	✓	OK	
15	3W38141	JB55642-9R	↓	A1203	20	1.48		✓	✓	OK	
16	3W38142	JB55642-10R	↓	A1075	20	1.55		✓	✓	OK	
1	3W38143	JB56908-2	STD	A845	20	1.52		✓	✓	OK	
2	3W38144	JB56908-3	↓	A627	200	1		✓	✓	OK	
3	3W38145	JB57003-1	STD+	A1225, A203, A58	200	11,000		✓	✓	OK	
4	3W38146	JB56408-7	STD	A690	400	1		✓	✓	OK	
5	3W38147	SCC		A1195	400	1		✓	✓	RR	Possible Clo
6	3W38148	JB55642-1	STD	A289	400	1		✓	✓	OK/DL	RR 50m/50X
7	3W38149	JB55642-2	↓	A079	400	1		✓	✓	OK/DL	RR 50m/50X
8	3W38150	JB55642-3	↓	A829	608	1.52		✓	✓	OK/DL	RR 50m/50X
9	3W38152	JB55642-4	↓	A853	632	1.58		✓	✓	OK/DL	RR 20m YH 50m/50X
10	3W38153	JB55642-5	↓	A983	620	1.55		✓	✓	OK/DL	RR 20m

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

Canister Secondary Dilution Log

			Original Canister Dilution				Secondary Canister Dilution						
Date	Initials	Accutest Sample ID	Canister ID	Vacuum in "Hg at time of Dilution	Final Pressure psig	Dilution Factor	Canister ID	Canister Volume CC	Sample Volume Added CC	Final Pressure psig	Equiv Total Volume CC	Dilution Factor	Final Canister Dilution Factor
1/7/14	YH	JB55642-8	A252	8.0	1.2	1.48	A555	1000	100	14.7	2000	20	29.6
		JB55642-11R	A040	9.0	1.2	1.55							
		JB55642-6R	A739	8.5	1.3	1.52							
		JB55642-10R	A1075	9.0	1.2	1.55							
↓		JB57003-1	A203	+14.7	+14.7	550	A578	1000	100	14.7	2000	20	11,000

Definition: Final DF = (Original Canister DF) x (Secondary Canister DF)

Dilution Factor at Instrument = (Final Canister Dilution Factor) x (Normal Sampling Volume in cc) / (Sample Volume in cc Injected)

Example: Original Canister is diluted 2x for manual sample draw. 75cc from this canister is added to a 375cc minican and brought to 14.7 psig or 750cc equiv volume. This results in an additional dilution of 750/75 or 10. The final canister dilution factor is 2 x 10 = 20. From the dilution canister 20cc is injected at the instrument where normal volume is 400cc. This is an additional instrument dilution factor of 20. The final dilution multiplier is 20(from canister dilution) x 20(from instrument dilution) = 400

Notes:

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error; # 3 = Computer Miscalclulation, # 4 = Analyst's Correction Error

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Form: AT003-03
Rev. Date: 6/13/06

ACCUTEST

Date: 1/15/14

Analyst Signature: [signature]

Columns: RTX-1 60M X .32mm

Method: TO15W.M

Seq. File: 3WD011514.S

Initial Cal. Method: M3W1446-1462 YH

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.
AS 5891	IS/SURR	40ppbv

Standard Data

Lot #	Description	Conc.
AS 5903	TO15 LCS	40ppbv
AS 5904	TO15 STD	40ppbv
AS 5905	TO15 STD	1.0ppbv
AS 5906	TO15 STD	0.4ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 1/16/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W38283	IB		A961	100					not used	
5	3W38284	IB		A961	100					not used	
5	3W38285	IB		A961	100					not used	
5	3W38286	BFB		A961	100					OK	
2	3W38287	IC1462-0.5		A968	200			/	/	OK	
2	3W38288	IC1462-0.2		A968	80			/	/	OK	
1	3W38289	IC1462-20		A967	200			/	/	OK	
1	3W38290	IC1462-15		A967	150			/	/	OK	
1	3W38291	ICC1462-10		A967	100			/	/	OK	
1	3W38292	IC1462-5		A967	50			/	/	OK	
5	3W38293	IB		A961	100			/	/	not used	
3	3W38294	IC1462-0.1		A976	100			/	/	OK	
3	3W38295	IC1462-0.04		A976	40			/	/	OK	
1	3W38296	IC1462-30		~~A968~~ A967	300			/	/	OK	
5	3W38297	IB		A961	100			/	/	not used	
5	3W38298	IB		A961	100			/	/	not used	
1	3W38299	IC1462-40		A967	400			/	/	OK	
5	3W38300	IB		A961	100			/	/	not used	
5	3W38301	IB		A961	100			/	/	not used	
4	3W38302	ICV1462-10		A978	100			/	/	OK	

YH

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

TO-14/TO-15

ACCUTEST

Batch ID: V3W1466

Date: 1/20/14

Analyst Signature:

Columns: RTX-1 60MX.32mm

Method: TO15 3W.M

Seq. File: 3W012014.S

Initial Cal. Method: M3W1462

AS Data

Method: TO15.MPT

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
AS5904	TO15 STD	40ppbv
AS5903	TO15 LCS	↓
AS5891	IS/SURR	↓

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 1/21/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
5	3W38383	BFB		A961	100					OK	
2	3W38384	CC1462-10		A967	100					not used	
2	3W38385	CC1462-10		A967	100			✓	✓	OK	
3	3W38386	BS		AA78	100			✓	✓	OK	
3	3W38387	BSD		AA78	100			✓	✓	OK	
5	3W38388	IB		A961	100			✓	✓	—	
5	3W38389	MB		A961	400			✓	✓	OK	
1	3W38390	JB58103-1	STD	A1193	200	1		✓	✓	OK	
2	3W38391	JB58103-3	↓	A878	100	1		✓	✓	OK	
3	3W38392	JB58103-4		A883	100	1		✓	✓	OK	
4	3W38393	JB57697-2	STD, NAP	A259, A684, A716	100	5000		✓	✓	OK	
6	3W38394	JB57857-1	NYLL	A923	400	1		Y1 ✗ ✓	↓	OK/DL	RR100m
6	3W38395	JB57857-1DUP	↓	A823	400	1		✓	✓	OK	
7	3W38396	JB57963-9	STD	A1188	155	1.55		✓	✓	OK/DL	RR30m
8	3W38397	JB57963-10		A482	100	1		✓	✓	OK	
9	3W38398	JB57963-2		A107	100	1		✓	✓	OK	
10	3W38399	JB57927-1		A777	100	1		✓	✓	OK	
11	3W38400	JB57927-4		A855	148	1.48		✓	✓	OK	
12	3W38401	JB57927-6		A206	100	1.48		✓	✓	RR	RR148m
13	3W38402	JB58146-4	↓	A347	100	1		✓	✓	OK	
14	3W38403	JB57697-7	STD, NAP	A1100	100	1		✓	✓	OK	
14	3W38404	JB57697-7	↓	A1100	20	1		✓	✓	OK	
15	3W38405	JB57774-1	↓	A748	100	1		✓	✓	OK	
16	3W38406	JB57963-7	STD	A294	430	4.30		✓	✓	OK	
5	3W38407	SCC		A448	400			✓	✓	RR	Possible C/O
1	3W38408	JB57963-11	STD	A1664	20	1.48		✓	✓	OK/DL	RR100m
2	3W38409	JB57963-12CF	↓	A375	20	1.48		✓	✓	OK/DL	RR100m
3	3W38410	JB57963-13CF	↓	A822	20	1.48		✓	✓	OK/DL	RR100m
4	3W38411	JB57963-14		A047	20	1		✓	✓	not run	not attached

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

TO-14/TO-15

ACCUTEST

Batch ID: V5W79

Date: 12/23/13

Analyst Signature:

Columns: RTX-1 60MX.32mm

Method: SWTO15,M

Seq. File: 131223.S

Initial Cal. Method: M5W79

AS Data

Method: TO15.CTO

Standard Data

Lot #	Description	Conc.
AS 5871	TO15 STD	40ppbv
AS 5872	↓	1.0ppbv
AS 5873		0.4ppbv
AS 5874 YH	TO15 LCS	40ppbv

Standard Data

Lot #	Description	Conc.
As5851	Int STD/Surr	40ppbv
As5871	TO15 STD	↓
As5874	TO15 LCS	

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: Date: 12/26/13

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
1	SW1957	BFB		A963	100					—	
2	SW1958	CC38-10		A972	100					—	
2	SW1959	CC38-10		A972	100					—	
5	SW1960	IB		A963	100					—	
5	SW1961	BFB		A963	100					OK	
1	SW1962	IC79-0.5		A969	200			✓	✓	OK	
1	SW1963	IC79-0.2		A969	80			✓	✓	OK	
2	SW1964	IC79-0.1		A966	100			✓	✓	OK	
2	SW1965	IC79-0.04		A966	40			✓	✓	OK	
3	SW1966	ICC79-10		A972	100			✓	✓	OK	
3	SW1967	IC79-5		A972	50			✓	✓	OK	
3	SW1968	IC79-20		A972	200			✓	✓	OK	
5	SW1969	IB		A963	100			✓	✓	—	
5	SW1970	IB		A963	100			✓	✓	—	
3	SW1971	IC79-40		A972	400			✓	✓	OK	
5	SW1972	IB		A963	100			✓	✓	—	
5	SW1973	IB		A963	100			✓	✓	—	
4	SW1974	ICV79-10		A981	100			✓	✓	not used	
4	SW1975	ICV79-10		A975	100			✓	✓	OK	
						YH					

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

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TO-14/TO-15

ACCUTEST

Batch ID: V5W99

Date: 1/18/14

Analyst Signature:

Columns: RTX1-60m x 0.32mm x 1.0μm

Method: SWTO15.M

Seq. File: 140118.S

Initial Cal. Method: M5W79

AS Data

Method: TO15.CTO

Standard Data

Lot #	Description	Conc.

Standard Data

Lot #	Description	Conc.
As5894	Int STD/Surr.	40ppbv
As5871	TO15 STD	40ppbv
As5903	TO15 LCS	40ppbv

(M) Manually integrated chromatographic peaks in the following reportable file have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: YH Date: 1/20/14

AS #	Data File	Sample ID	TEST	Canister Serial #	Vol Sample	Dil Fact	TICS	Int. STD Areas	Surr	Status Data	Comments
1	5W2455	BFB								OK	
2	5W2456	CC79-10						✓	✓	OK	
3	5W2457	BS						✓	✓	OK	
3	5W2458	BSD						✓	✓	OK	
4	5W2459	IB								—	
4	5W2460	MB						✓	✓	OK	
4	5W2461	SCC		A475				✓	✓	OK	
5	5W2462	JB57931-2	STD+	A319	700	1.75		✓	✓	OK	
6	5W2463	JB57931-3	↓	A647	608	1.52		✓	✓	OK	
7	5W2464	JB57931-4		A459	608	1.52		✓	✓	OK	
7	5W2465	JB57931-4DUP	↓	A459	608	1.52		✓	✓	OK	
8	5W2466	JB57866-2	NYSWLL	A1066	100	1.58		✓	✓	OK	
9	5W2467	JB57927-6	STD	A206	100	1.48		✓	✓	RR	RRm3W
10	5W2468	JB57927-2	↓	A1178	400	1.48		✓	✓	OK	
11	5W2469	JB57927-5	↓	A256	20	1		✓	✓	OK	
12	5W2470	JB57697-6	STD, NAP	A779	100	1		✓	✓	OK	
13	5W2471	JB57697-7		A1160	100	1		✓	✓	RR	RRm3W RR10ml/20ml
14	5W2472	JB57697-8		A638, A774	100	577.5		✓	✓	OK	
15	5W2473	JB57774-1		A748	100	1		✓	✓	RR	valve closed
16	5W2474	JB57774-2	↓	A213	100	1		✓	✓	OK	
1	5W2475	~~JB57963-4~~ HL # 1/13	NYSWLL	A1060	100	1		✓	✓	OK	JB58146-1
2	5W2476	JB58146-2		A1069	100	1		✓	✓	OK	
3	5W2477	JB58146-3		A042	100	1		✓	✓	OK	
4	5W2478	JB58146-4	↓	A347	100	1		✓	✓	RR	RRm3W
5	5W2479	JB57963-4	STD	A1070	148	1.48		✓	✓	OK	
6	5W2480	JB57963-5		A1637	100	1		✓	✓	OK	
7	5W2481	JB57963-6		A054	100	1		✓	✓	OK	
8	5W2482	JB57963-7	↓	A294	430	4.30				RR	valve closed
											MC 1/19/14

All strikeouts must be initial, dated and reason code applied as follows: # 1 = Reviewer Correction Error; # 2 = Transcription Error, # 3 = Computer Miscalculation, # 4 = Analyst's Correction Error

Form: AT008-05

Rev. Date: 10/20/09

ACCUTEST LABORATORIES JB58146