105 METROPOLITAN AVENUE

BROOKLYN, NEW YORK

Remedial Action Report

NYC VCP Number: 11CBCP013K

Prepared for:

105 Metropolitan Ave, LLC

97 Main Street – PO Box 686

Wainscott, NY 11975

Prepared by:

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SEPTEMBER 2013

REMEDIAL ACTION REPORT
TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

Appendix 1 Sustainability Report

Appendix 2 Soils and Materials Management Plan

Appendix 3 Community Air Monitoring Plan

Appendix A Correspondence with NYCOER

Appendix B Photolog

Appendix C Laboratory Analytical Sheets

Appendix D Disposal Facility Documentation

Appendix E Waste Manifests

Appendix F Vapor Barrier Technical Sheets

LIST OF ACRONYMS

Acronym	Definition
ASML	Above Mean Sea Level
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CAMP	Community Air Monitoring Plan
EC	Engineering Control
ESA	Environmental Site Assessment
GQS	Groundwater Quality Standard
HASP	Health and Safety Plan
HDPE	High-Density Polyethylene
IC	Institutional Control
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NYC VCP	New York City Voluntary Cleanup Program
NYC DOB	New York City Department of Buildings
NYC OER	New York City Office of Environmental Remediation
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyl
PCE	Perchloroethylene
PE	Professional Engineer
PID	Photoionization Detector
PWGC	P.W. Grosser Consulting Inc.
QA/QC	Quality Assurance/Quality Control
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
RIR	Remedial Investigation Report
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan

SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TCE	Trichloroethylene
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Paul K. Boyce, PE, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the 105 Metropolitan Ave, LLC Site Number 11CBCP013K.

I certify that the New York City Office of Environmental Remediation (NYC OER)-approved Remedial Action Work Plan (RAWP) dated June 2011 and Stipulations in a letter dated July 18, 2011; were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

PAUL K. BOYCE, P.E.
Name

074604
PE License Number

Signature

09.05.13
Date

PE Stamp

EXECUTIVE SUMMARY

Site Location and Prior Usage

The Site is located at 105 Metropolitan Avenue in the Williamsburg section of Brooklyn, New York and is identified as Block 2358 and Lot 36 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 2,112-square feet and is bounded by a commercial/office building to the north, Metropolitan Avenue to the south, a mixed use building to the east, and an industrial building to the west. A map of the site boundary is shown in **Figure 2**. Prior to remedial action, the Site was vacant with no buildings or structures.

Summary of Redevelopment Plan

The proposed future use of the Site is industrial and will consist of a machine shop and office space. Layout of the proposed site development is presented in **Figures 3** and **4**. The current zoning designation is M1-2/R6A Mixed Use. The proposed use is consistent with existing zoning for the property.

The proposed redevelopment includes the construction of a two-story industrial building with a basement. The building will total 6,347 square feet in size and will be utilized as a machine shop and office space. The basement level and ground floors will be utilized as a machine shop, while the second floor of the proposed building will be utilized as office space. Excavation to a depth of approximately 12 feet below sidewalk grade was required for foundation construction.

Summary of Past Uses of Site and Environmental Findings

Based on information contained in the Phase I Environmental Site Assessment (ESA), the subject site was historically utilized as a residence. Sanborn Fire Insurance maps show a 2-story dwelling from 1887 to at least 1983. The building was demolished and the site remained vacant from at least 1986 to present.

The Remedial Investigation Report (RIR), dated June 2011, included the

completion of a magnetometer survey to determine the absence/presence and location of underground storage tanks and the installation of three soils borings. To evaluate soils and groundwater quality six soil samples and two groundwater samples were collected for chemical analysis. To supplement the data collected as part of this investigation, a soil vapor sample and additional soil samples were collected.

The findings of the remedial investigation were:

1. Elevation of the property ranges from 23 to 24 feet above mean sea level (AMSL) and site grade is approximately four feet below sidewalk grade.
2. Depth to groundwater ranges from 20 to 25 feet below ground surface (BGS) at the Site.
3. Groundwater flow is generally from east to west beneath the Site.
4. Depth to bedrock is approximately 150 feet BGS at the Site.
5. The stratigraphy of the site, from the surface down, consists of 150 feet of glacial till underlain by bedrock.
6. Soil chemistry findings are unremarkable and do not indicate a source of contamination on this property. No polychlorinated biphenyls (PCBs) were detected in soil. No semi-volatile organic compounds (SVOCs) were reported above Unrestricted Use Soil Cleanup Objectives (SCOs) specified in New York State Department of Environmental Conservation (NYSDEC) Part 375 (Track 1 SCOs). Soil/fill samples collected during the remedial investigation showed only one volatile organic compound (VOC) marginally above Track 1, but at a level orders of magnitude less than the corresponding Track 2 industrial SCO. Similarly, two pesticides were observed above Track 1 SCOs but were several orders of magnitude below Track 2 Industrial SCOs. Four metals were observed at concentrations greater than Track 1 SCOs. Only one (arsenic) was identified marginally greater than Track 2 industrial SCOs. Deeper soils contained concentrations that were less than concentrations observed in shallow soils. The findings for soil analysis are consistent with observations of several feet of historical fill in the surface horizon of the property.

7. No groundwater impacts were observed on this property. Groundwater samples collected during the remedial investigation showed no VOCs (except one analyte also found in a lab blank), SVOCs, pesticides or PCBs at concentrations exceeding 703.5 Class GA Groundwater Quality Standards (GQS). Several metals were detected at concentrations greater than the GQS in dissolved samples; however, these metals are naturally occurring (iron, magnesium, manganese and sodium) and were likely due to suspended materials in the samples and/or saline intrusion. These results support the overall findings of the remedial investigation that there is no onsite contaminant source area.
8. The soil vapor sample collected as part of the remedial investigation detected benzene, toluene, ethylbenzene, and xylenes (BTEX) and its derivatives at generally low concentrations. Only one VOC (1,3 butadiene) was detected at concentrations slightly exceeding the United States Environmental Protection Agency (USEPA) Target Shallow Soil Gas Concentrations. Perchloroethylene (PCE) and trichloroethylene (TCE) were not detected. The soil vapor findings suggest influence of automotive fuel impacts. Past usage of the property and results of soil and groundwater indicate that these impacts are from an offsite source and are not associated with the site.

Summary of the Remedial Action

The Remedial Action was performed pursuant to the NYC OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. A Pre-Application Meeting was held on May 11, 2011. A remedial investigation was performed on June, 2007/ June, 2011 and a RIR dated June, 2011 was prepared to evaluate data and information necessary to develop a RAWP. A Site Contact List was established and a RAWP dated July, 2011 was prepared and released with a Fact Sheet on June 26, 2011 for a 30-day public comment period. The RAWP and Stipulation List dated July 18, 2011 was approved by the NYC OER on July 29, 2011. A Pre-Construction Meeting was held on February 23, 2012. A

Fact Sheet providing notice of the start of the remedial action was issued on February 28, 2012 and the remedial action was begun in March, 2012 and completed in August, 2013.

The following remedial actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 SCOs. Excavated and removed soil/fill exceeding SCOs. Soil/fill was excavated to a depth of 12 feet below grade beneath the entire property and 17 feet below grade beneath the elevator pits. A total of 1,577.38 tons of contaminated non-hazardous soil/fill was excavated and removed from the property and was disposed at Clean Earth of Carteret, New Jersey.
4. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs. End point samples show that Track 1 SCOs were achieved on this project.
5. As part of development, installed a Vapor Barrier System that consisted of the placement of Grace Ice and Water Shield 40-mil high-density polyethylene (HDPE) on the foundation sidewalls, Florprufe 120 20-mil beneath the footprint of the building, and liquid bituthene on the north and west sidewalls and the base of the passenger elevator pit. The contractor for construction of the Vapor Barrier System was Boss Associates.
6. Transported and disposed of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite.
7. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a photoionization detector (PID).
8. Mobilized site security, equipment, utility mark outs, and marking and staking excavation areas.

9. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.
10. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
11. Submitted a Remedial Action Report (RAR) that describes the Remedial Action, certifies that the remedial requirements have been achieved, defines the Site boundaries, and lists any changes from the RAWP.
12. Submitted a Sustainability Report.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

105 Metropolitan Ave, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 105 Metropolitan Avenue in Williamsburg section of Brooklyn, New York. The boundary of the property subject to this Remedial Action is shown in **Figure 1** and include, in their entirety, Brooklyn Block 2358 and Lot(s) 36.

1.1 SITE LOCATION AND PRIOR USAGE

The Site is located at 105 Metropolitan Avenue in the Williamsburg section of Brooklyn, New York and is identified as Block 2358 and Lot 36 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 2,112-square feet and is bounded by a commercial/office building to the north, Metropolitan Avenue to the south, a mixed use building to the east, and an industrial building to the west. A map of the site boundary is shown in **Figure 2**. Prior to the remedial action, the Site was vacant with no buildings or structures.

1.2 REDEVELOPMENT PLAN

The proposed future use of the Site is industrial and will consist of a machine shop and office space. Layout of the proposed site development is presented in **Figures 3** and **4**. The current zoning designation is M1-2/R6A Mixed Use. The proposed use is consistent with existing zoning for the property.

The proposed redevelopment includes the construction of a two-story industrial building with a basement. The building will total 6,347 square feet in size and will be utilized as a machine shop and office space. The basement level and ground floors will be utilized as a machine shop, while the second floor of the proposed building will be utilized as office space. Excavation to a depth of approximately 12 feet below sidewalk grade will be required for foundation construction. The building footprint (and basement area) will occupy the entire property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

Industrial, commercial and residential properties surround the subject site. Based on information obtained from the NYC OER SPEED Database, no sensitive receptors, such as hospitals, schools, or daycare facilities exist within a 500 foot radius of the site.

Figure 2 shows the surrounding land usage.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called "*Remedial Investigation Report, 105 Metropolitan Avenue*", prepared by P.W. Grosser Consulting, Inc. (PWGC) and dated June 2011.

Summary of Past Uses of Site and Areas of Concern

Based on information contained in the Phase I ESA, the subject site was historically utilized as a residence. Sanborn Fire Insurance maps show a 2-story dwelling from 1887 to at least 1983. The building was demolished and the site remained vacant from at least 1986 to present.

Summary of the Work Performed under the Remedial Investigation

The remedial investigation included the completion of a magnetometer survey to determine the absence/presence and location of underground storage tanks and the installation of three soils borings. To evaluate soils and groundwater quality, six soil samples and two groundwater samples were collected for chemical analysis. To supplement the data collected as part of this investigation, a soil vapor sample and additional soil samples were collected.

Summary of Environmental Findings

1. Elevation of the property ranges from 23 to 24 feet AMSL and site grade is approximately four feet below sidewalk grade.
2. Depth to groundwater ranges from 20 to 25 feet BGS at the Site.

3. Groundwater flow is generally from east to west beneath the Site.

4. Depth to bedrock is approximately 150 feet BGS at the Site.

5. The stratigraphy of the site, from the surface down, consists of 150 feet of glacial till underlain by bedrock.

6. Soil chemistry findings are unremarkable and do not indicate a source of contamination on this property. No PCBs were detected in soil. No SVOCs were reported above Unrestricted Use SCOs specified in NYSDEC Part 375 (Track 1 SCOs). Soil/fill samples collected during the remedial investigation showed only one VOC marginally above Track 1, but at a level orders of magnitude less than the corresponding Track 2 industrial SCO. Similarly, two pesticides were observed above Track 1 SCOs but were several orders of magnitude below Track 2 Industrial SCOs. Four metals were observed at concentrations greater than Track 1 SCOs. Only one (arsenic) was identified marginally greater than Track 2 industrial SCOs. Deeper soils contained concentrations that were less than concentrations observed in shallow soils. The findings for soil analysis are consistent with observations of several feet of historical fill in the surface horizon of the property.

7. No groundwater impacts were observed on this property. Groundwater samples collected during the remedial investigation showed no VOCs (except one analyte also found in a lab blank), SVOCs, pesticides or PCBs at concentrations exceeding the NYSDEC AWQS. Several metals were detected at concentrations greater than the NYSDEC AWQS in dissolved samples; however, these metals are naturally occurring (iron, magnesium, manganese and sodium) and were likely due to suspended materials in the samples. These results support the overall findings of the remedial investigation that there is no onsite contaminant source area.

8. The soil vapor sample collected as part of the remedial investigation detected BTEX and their derivatives at generally low concentrations. Only one VOC (1,3 butadiene) was detected at concentrations slightly exceeding the USEPA Target

Shallow Soil Gas Concentrations. PCE and TCE were not detected. The soil vapor findings suggest influence of automotive fuel impacts. Past usage of the property and results of soil and groundwater indicate that these impacts are from an offsite source and are not associated with the site.

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and the RAWP, disposal of significant amounts of hazardous waste were not suspected at this site.

2.0 DESCRIPTION OF REMEDIAL ACTIONS

The Remedial Action was performed pursuant to the NYC OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance (SCG) and applicable laws and regulations.

The remedial action was evaluated in an alternatives analysis and was determined to be protective of human health and the environment, compliant with SCGs, effective in the short-term, effective in the long-term, capable of attaining appropriate levels of reduction of toxicity, mobility, or volume of contaminated material, implementable, cost effective, acceptable to the community, consistent with land uses, and sustainable.

A general summary of the Remedial Action is as follows:

- A Pre-Application Meeting was held (May 11, 2011).
- A remedial investigation was performed and a RIR was prepared (June, 2011).
- A RAWP was prepared (July, 2011).
- An Application Fact Sheet was released announcing a 30-day public comment period on the RAWP (June 26, 2011).
- The RAWP and Stipulation List dated (July 18, 2011) was approved by the NYC OER (July 29, 2011).
- A Pre-Construction Meeting was held (February 23, 2012).
- A Fact Sheet providing notice of the start of the Remedial Action was issued (February 28, 2012).
- Remedial Action was begun in March, 2012 and completed in August, 2013.

The following Remedial Actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 SCOs. Excavated and removed soil/fill exceeding SCOs. Soil/fill was excavated to a depth of 12 feet below grade beneath the entire property and 17 feet below grade beneath the elevator pits. A total of 1,577.38 tons of contaminated non-hazardous soil/fill was excavated and removed from the property and was disposed at Clean Earth of Carteret, New Jersey.
4. Collection and analysis of end-point samples to determine the performance of the remedy with respect to attainment of SCOs. End point samples show that Track 1 SCOs were achieved on this project.
5. As part of development, installed a Vapor Barrier System that consisted of the placement of Grace Ice and Water Shield 40-mil high-density polyethylene (HDPE) on the foundation sidewalls, Florprufe 120 20-mil beneath the footprint of the building, and liquid bituthene on the north and west sidewalls and the base of the passenger elevator pit. The contractor for construction of the Vapor Barrier System was Boss Associates.
6. Transported and disposed of all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and this plan. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite.
7. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
8. Mobilized site security, equipment, utility mark outs, and marking and staking excavation areas.
9. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.

10. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

11. Submitted a RAR that describes the Remedial Action, certifies that the remedial requirements have been achieved, defines the Site boundaries, and lists any changes from the RAWP.

12. Submitted a Sustainability Report.

3.0 COMPLIANCE WITH REMEDIAL ACTION PLAN

3.1 HEALTH & SAFETY PLAN

The remedial construction activities performed under this program were in compliance with the Health and Safety Plan (HASP) and applicable laws and regulations. The Site Safety Coordinator was Ryan Morley of PWGC.

3.2 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan (CAMP) provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed in compliance with the CAMP in the approved RAWP. The results of Community Air monitoring are shown in **Appendix 3**.

3.3 SOIL MATERIALS MANAGEMENT PLAN

The Soil/Materials Management Plan (SMMP) provided detailed plans for managing all soil/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in compliance with the SMMP in the approved RAWP.

3.4 STORM WATER POLLUTION PREVENTION

Storm water pollution prevention included physical methods and processes to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water. Remedial construction activities performed under this program were in full compliance with methods and processes defined in the RAWP for storm water prevention and applicable laws and regulations.

3.5 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

Deviations from the RAWP, dated June 2011, and the RAWP Stipulation List, dated July 18, 2011, include the following items:

Modified Oversight During Underpinning and Footing Installation

The original requirement in the NYC OER-approved RAWP was for the screening of excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID. PWGC was onsite to screen the excavation of previously undisturbed soil/fill excavated for the underpinning and footing installation activities. Once PWGC was satisfied that there were no indications of contamination by visual or olfactory means or by monitoring with a PID, PWGC left the site and movement of the excavated soil previously screened was placed back into the excavation. A designated representative of the general contractor was trained by PWGC in inspecting the soil for indications of contamination and in how to mitigate dust issues. The designated representative was also instructed to contact the Site Safety Officer if any new soils were to be disturbed, if there were any indications of contamination in the soil, or if any objects, such as underground tanks, drums, or cesspools, were identified. The letter detailing the deviation from the RAWP is included as **Appendix A**.

This deviation, as taken, is protective of public health and the environment.

Endpoint Sample Collection

The collection of endpoint samples was not included in the scope of the approved RAWP. The analytical results of the remedial investigation revealed that the soil left beneath the proposed depth of the basement met Track 1 requirements; therefore, the collection of endpoint samples was deemed unnecessary.

During the February 23, 2012 pre-construction meeting between the NYC OER, the contractors, the developers, and PWGC, the NYC OER stated that they will require the collection of two endpoint samples at the bottom of the excavation. Due to an elevated PID response in soils located in the southwest section of the site, the NYC OER requested on June 29, 2012 that endpoint samples be analyzed for VOCs in addition to

metals. The endpoint sampling methodology and results are further detailed in Section 4.3.

This deviation, as taken, is protective of public health and the environment.

Vapor Barrier Installation

The RAWP identified Bituthene 4000 as the approved vapor barrier to be installed along the below grade foundation walls. The site foundation contractor requested that Grace Ice and Water Shield membrane be approved as an equivalent vapor barrier. A PWGC professional engineer (PE) approved the Grace Ice and Water Shield as an equivalent replacement. The NYC OER concurred with the deviation on April 16, 2012. The approved vapor barrier to be installed beneath the building slab, Florprufe 120, was not altered.

As the Grace Ice and Water Shield membrane is an equivalent alternative to the Bituthene 4000 membrane, this deviation, as taken, is protective of public health and the environment.

A RAWP addendum was prepared on December 4, 2012 to address the vapor barrier installation in the passenger elevator pit. The RAWP addendum has been included in **Appendix A**. The passenger elevator pit was installed without the required Florprufe 120 vapor barrier. To remedy this, a sealant was applied to the concrete base of the pit and the interior concrete walls up to a height that overlaps with the liquid bituthene membrane installed along the north and west walls. The east and west walls are the foundation walls that were previously protected with the Grace Ice and Water Shield membrane. The sealant that was proposed for use in the December 4, 2012 RAWP addendum was Stamp Seal ST OTC. The actual sealant that was used was Liquid Bituthene. As the Liquid Bituthene sealant is an acceptable alternative to the Stamp Seal ST OTC sealant and is compatible with the Florprufe 120 vapor barrier, this deviation, as taken, is protective of public health and the environment.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

Principal personnel who participated in the remedial action include Paul W. Grosser, PhD., PE and Andrew Lockwood. The PE for this project is Paul K. Boyce, PE.

The PE certified all remedial information listed in this Final RAR. Certification is attached at the beginning of this report.

4.2 SITE CONTROLS

Site Preparation

A pre-construction meeting was held with NYC OER, PWGC, the site owner, and the general contractor on February 23, 2012. A NYC OER Project Notice was erected at the project entrance and remained in place during all phases of the Remedial Action.

On February 28, 2012, new fencing and a gate were installed and debris was cleared in preparation of construction activities. Equipment was mobilized to the site on March 1, 2012 and excavation activities began on March 5, 2012. The New York City Department of Buildings (NYC DOB) permit for earthwork was renewed on March 27, 2012. A NYC OER Project Notice was erected at the project entrance and in place during all phases of the Remedial Action.

Prior to the commencement of any remedial work, all field personnel were required to attend an orientation meeting, in which the general site operations were outlined, along with health and safety and field procedures.

Soil Screening

Soils throughout the site consisted mainly of light brown, fine to medium grained sands and were screened with a PID during earth disturbing activities. With the exception of a small area located near the southwest corner of the site, there was no visual or olfactory evidence of contaminated soil or elevated PID readings observed during earth disturbing activities. On March 16, 2012, while excavating to install underpinning along the southern property boundary in the western section of the site, a

petroleum odor and elevated PID readings were observed (maximum reading of 260 ppm, isobutylene equivalent); there was no visual indication of contamination. Perimeter screening of the breathing zone during this time did not result in elevated PID readings or odors.

To prevent the possibility of off-site migration of odors, the soil was covered with two layers of polyethylene sheeting pending off-site disposal.

Stockpile Management

Small, temporary stockpiles were generated during the underpinning process. Once the form work was completed for the underpinning, the soils were placed back into the excavation. Soils were not stockpiled overnight.

Truck Inspection

Soils were loaded directly into tri-axle dump trucks for off-site disposal. Once the truck was filled, a cover was put over the load to secure it and the tires were brushed to remove soil from the treads. Residual soils tracked into the sidewalk and street were promptly swept up and brought back on-site.

Site Security

The site contained a large plywood fence, painted blue, with a gate at the entrance. The gate was secured with a chain and lock during non-working hours.

Nuisance Controls

There were no nuisance complaints involving odor or dust issues filed during earth disturbing activities. Dust concentrations were measured with a PDR-1000 Dust Monitor and a MiniRAE 2000 was used to detect VOCs. At the perimeter of the site, elevated dust and PID readings were not observed.

A small area of soil located near the southwest corner of the site did result in elevated PID readings and had a petroleum odor. To prevent migration of odors off-site, the soil was covered with double layers of polyethylene sheeting pending off-site disposal.

Reporting

Daily reports of site activities were prepared on days when remedial activities were performed. Daily reports consisted of the date the work took place, the weather, the name of the site safety officer overseeing the RAWP implementation, a summary of the work performed and where on the site it was performed, if there were any problems encountered, if samples were collected, results of the perimeter air monitoring, the amount of soil loaded for off-site disposal, and a photolog of the day's activities.

Daily reports are included as **Appendix A**.

Digital photographs of the remedial action are included in **Appendix B**.

4.3 MATERIALS EXCAVATION AND REMOVAL

Soils were excavated and achieved Track 1 SCO criteria, as displayed on **Tables 1** and **2**. Soils were excavated to a depth of 12 feet bgs across the entire site. The elevator pits, located in the southwest and northern sections of the site, were excavated to a depth of 17 feet bgs. A total of 1,577.38 tons of soil were removed and disposed of at a properly permitted facility (see Section 4.4); excavated materials were not re-used on the site.

Groundwater, underground structures, and underground storage tanks (USTs) were not encountered during excavation activities.

A map showing the location where excavations were performed is shown in **Figure 5**.

END POINT SAMPLE RESULTS

Once final excavation depths were reached, two soil endpoint samples were collected. The locations of the soil samples were chosen to represent the overall soil quality across the site. A stainless steel hand auger was utilized to retrieve soil samples from approximately 6 to 12 inches below the final grade to ensure that samples collected were representative of the actual soil quality and were not influenced by construction equipment driving over the soil. At each location, soil was placed into a stainless steel

bowl and mixed to ensure the sample was homogeneous. Soils were placed in laboratory supplied glassware and packed in a cooler, on ice, under proper chain of custody procedures. Non-disposable sampling equipment was cleaned using distilled water and Alconox detergent with a distilled water rinse prior to the collection of each sample. The following sample analyses were performed based upon SCO exceedances identified during the remedial investigation and at the request of the NYC OER:

- VOCs by USEPA method 8260.
- Target Analyte List (TAL) metals by USEPA method 6010,

In addition to the two endpoint samples, a field blank sample, a blind duplicate sample, a matrix spike / matrix spike duplicate (MS/MSD) sample, and a trip blank sample were collected for quality assurance / quality control (QA/QC) purposes and sampled for the above analyses.

Analytical results for several metals were slightly above Track 1 SCOs in the two endpoint samples and metals concentrations were detected in the field blank; therefore, the two locations were re-sampled for metals and an additional field blank, blind duplicate, and MS/MSD sample were collected and analyzed for metals.

A tabular and map summary of end-point sampling results is included in **Tables 3** and **4** and **Figure 6**, respectively. QA/QC sample data is included in **Tables 3** through **6**. Based upon the analytical results on the second set of endpoint samples, Track 1 SCOs have been achieved for the site. Laboratory data sheets are included in **Appendix C**.

Data usability was established for all data generated in this remedial performance evaluation program. Based on the review of the results reported by the laboratory, the overall Quality Control data provided in the laboratory reports and the case narrative; the data are representative of adequate method accuracy and precision with regard to the project objectives.

4.4 MATERIALS DISPOSAL

The tonnage and destination of material removed and disposed of off-Site is presented below:

Inline Table 1

Destination	Type of Material	Quantity
Clean Earth of Carteret, Inc	Non-Hazardous Soil	1,577.38 tons

Letters from 105 Metropolitan Ave, LLC to disposal facility providing materials type, source, and data, and acceptance letters from disposal facility stating it is approved to accept above materials are attached in **Appendix D**. Manifests are included in **Appendix E**. Inline **Table 1** above shows the total quantities of each class of material removed from the Site and the disposal location.

Soil disposal occurred on May 18, May 21, July 26, August 1, August 9, and August 10, 2012.

4.5 BACKFILL IMPORT

No backfill material was imported to the site.

4.6 DEMARCATION

A demarcation barrier was not required as Track 1 SCOs were met.

5.0 ENGINEERING CONTROLS

A Track 1 Remedial Action was achieved and Engineering Controls (ECs) are not required. However, as part of construction, several protective systems were installed. These are:

(1) A Composite Cover System consisting of concrete covered sidewalks and concrete building slabs;

(2) Vapor Barrier System;

Composite Cover System

The Composite Cover System is comprised of a 6 inch thick concrete slab underlain by a clean sub grade material which encompasses the entire site. The contractor for construction of the Composite Cover System was Boss Associates. **Figure 7** shows the location of each cover type built at the Site. Photographs of construction of the Composite Cover System are included in **Appendix B**.

Vapor Barrier System

A Grace Ice and Water Shield vapor barrier was installed along the below grade foundation walls and a Florprufe 120 vapor barrier was installed beneath the building slab. The passenger elevator pit was protected with Liquid Bituthene sealant. The vapor barriers prevent potential future vapor migration into the planned building structure. Manufacturer's specifications for the membranes, including permeability and chemical resistance information, are provided in **Appendix F**. The vapor barrier covers the entire footprint of the building and covers the foundation walls below grade. The Grace Ice and Water Shield is self-adhesive; the seams are overlapped to create a seal. The seams of the Florprufe 120 vapor barrier were sealed with fabrication tape supplied by the manufacturer. Liquid bituthene was applied to the concrete slab in the bottom of the passenger elevator pit and along the north and west walls of the elevator pit; the east and south walls are protected by the Grace Ice and Water Shield vapor barrier. Pipe and other penetrations through the membrane were sealed with fabrication tape, liquid bituthene, or other manufacturer approved methods. The installation of the membrane was inspected

by a PWGC inspector to make sure that the liner was installed in accordance with the manufacturer's specifications. Following PWGC approval of the membrane installation, concrete was poured.

6.0 INSTITUTIONAL CONTROLS

A Track 1 Remedial Action was achieved in the Remedial Action and Institutional Controls (ICs) are not required.

7.0 SITE MANAGEMENT PLAN

A Track 1 Remedial Action was achieved and Site Management is not required.

APPENDIX 1

SUSTAINABILITY REPORT

This RAWP provides for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

Recontamination Control. Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of existing contamination from off-Site.

The method used to provide recontamination controls includes the installation of Grace Ice and Water Shield, Florprufe 120, and Liquid Bituthene vapor barriers. The area of the Site that utilizes recontamination controls under this plan is 100 %, or 2,112 square feet of land.

Paperless Brownfield Cleanup Program. 105 Metropolitan Ave, LLC participated in NYC OER's Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 40 pounds.

Low-Energy Project Management Program. 105 Metropolitan Ave, LLC participated in NYC OER's low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation. A gross estimate of the number of miles of personal transportation that was conserved in this process is 200 miles.

APPENDIX 2

SOIL/MATERIALS MANAGEMENT PLAN

A Track 1 Remedial Action was achieved and Soil/Materials Management is not required.

APPENDIX 3

COMMUNITY AIR MONITORING PLAN

A Track 1 Remedial Action was achieved and Community Air Monitoring is not required.

APPENDIX A

CORRESPONDENCE WITH NYCOER

P.W. GROSSER CONSULTING

December 4, 2012

Mr. William Wong
New York City Office of Environmental Remediation
100 Gold Street, 2nd Floor
New York, NY 10038

Re: Remedial Action Plan Addendum
105 Metropolitan Avenue, Brooklyn, NY – OER Project #11CBCP013K

Dear Mr. Wong:

P.W. Grosser Consulting, Inc (PWGC) has prepared this letter on behalf of the property developer, 105 Metropolitan Avenue, LLC, to document the proposed modification to the June 2011 Remedial Action Work Plan (RAWP) and the July 18, 2011 RAWP Stipulation List prepared by PWGC for the above referenced site as discussed with the New York City Office of Environmental Restoration (NYCOER) during our November 30, 2012 phone conversation.

The basement elevator pit was installed without the required Florprufe 120 vapor barrier. To remedy this, a sealant will be applied to the four interior walls and floor of the elevator pit under the direction of the PE of record. The sealant will be applied to the concrete floor and walls of the elevator pit and will overlap with bituthene liquid membrane along the top of the west and north elevator pit walls, which will then overlap with the previously approved Florprufe 120 vapor barrier along the basement slab. The east and south walls of the elevator pit are the previously installed and inspected foundation walls protected by the Grace Ice and Water Shield vapor barrier. The sealant that will be applied is Stamp Seal ST OTC. The Stamp Seal ST OTC product data sheets are attached.

Please call, if you have any questions, or require additional information.
Very truly yours,
P.W. Grosser Consulting, Inc.

Jennifer Lewis
Senior Hydrogeologist

Erik Dee-Olsen, PE
Senior Engineer

STATE OF NEW YORK
ERIK JOSEPH DEE-OLSEN
088835
LICENSED PROFESSIONAL ENGINEER
12-5-12

Att: Stamp Seal ST OTC Product Data Sheets
Cc: Ethan Bregman
Shaminder Chawla (NYCOER)

STAMP SEAL ST OTC

350 VOC COMPLIANT, UV RESISTANT, LOW VISCOSITY 25% CURING AND SEALING COMPOUND

CURE & SEALS

PRODUCT DESCRIPTION

STAMP SEAL ST OTC is a VOC compliant, UV resistant, low viscosity 25% solids solvent based acrylic copolymer curing and sealing compound, as well as a dust-proofer for concrete surfaces. **STAMP SEAL ST OTC** offers improved resistance to rain, the sun, freezing temperatures, stains, and other pollutants that sometimes can be hazardous to concrete. **STAMP SEAL ST OTC** forms a moisture retentive film on freshly placed concrete.

BENEFITS/FEATURES

- Can be used as a means of dustproofing most concrete surfaces.
- It's low viscosity formula makes this product very easy to spray.
- Formulated with ease of use in mind, it sprays or rolls out smooth with no roller streaks.
- It's ease of use, UV resistant medium gloss, and low cost make this a contractor's favorite.

RECOMMENDED APPLICATIONS

STAMP SEAL ST OTC is recommended for both interior and exterior freshly placed, finished, and aged concrete where a medium gloss solvent based curing and sealing compound is specified.

TECHNICAL INFORMATION

Solids……..25%	Wet Appearance.....Clear
Drying Time……...1 - 2 hours	Dry Appearance.....Clear with Medium Gloss
Re-Coat Time……..……...4 - 24 hours	VOC Content.....<350 g/l
Foot Traffic.....4 - 6 hours	Blush Resistance.....Superior
Wheel Traffic.....24 - 48 hours	Solvent Resistance.....Minimal
Application Temp.....40°F - 85°F	Concrete Adhesion.....Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

ASTM C 309, Type 1, Class A & B ***ASTM C 1315, Type 1, Class A** **AASHTO Specification M-148, Type 1, Class A & B** **DRIED COATING IS USDA ACCEPTED**

This product complies with federal AIM Rule VOC regulations and with VOC standards in Ohio, Illinois, Maryland, New York, New Jersey, Delaware, Pennsylvania, Maine, New Hampshire, Virginia, and the District of Columbia. *Does not meet Flashpoint requirement for ASTM C 1315

APPROXIMATE COVERAGE RATES

Application Surface	First Coat	Optional Second Coat
New (unsealed) concrete	250-350 ft^2	350-400 ft^2
Old (sealed) concrete	350-400 ft^2	350-400 ft^2

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

STAMP SEAL ST OTC has a shelf life of up to two years in it's original, sealed, unopened container.

PACKAGING

STAMP SEAL ST OTC is packaged in 5 gallon pails and 55 gallon drums.

STAMP SEAL ST OTC

SEALANT DEPOT, INC.

SEALANT DEPOT, INC.

1100 Taylor's Ln. Cinnaminson, NJ 08077
Phone: (856) 829-7325 Fax: (856) 829-7325
Visit us online at: www.sealantdepot.com

CURE & SEALS

STAMP SEAL ST OTC

INSTRUCTIONS FOR USE

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature de-lamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces as a cure & seal.

Substrate temperature must be no less than 40 degrees F and not exceed 80 degrees F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing.

MIXING: Stir well before using. Material may separate during long term storage.

APPLICATION: Apply using an 3/8" long nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. An airless sprayer containing a .519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. DO NOT USE ON BRICK.

CLEAN-UP

Use Xylene. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Dried, cured sealer may be removed with a commercial paint stripper, such as *Nock-Off* or by using a diamond grinding method, sandblasting method or similar mechanical action.

PRECAUTIONS AND LIMITATIONS

► **STAMP SEAL ST OTC** will not freeze during storage, however, allow temperature to rise to 50 degrees F prior to application.

► All HVAC ventillation ducts should be somehow blocked prior to application so solvents fumes are not distributed.

► Keep away from open flames. **STAMP SEAL ST OTC** is flammable and is very suseptable to ignition.

► It is not recommended to apply **STAMP SEAL ST OTC** over carpet, tile, and other types of floor adhesives.

► Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.

► **STAMP SEAL ST OTC** was designed as a cure & seal and to be applied in one-two medium coats, not one thick coat.

► Please be aware that this product when cured may be slippery when wet.

► **STAMP SEAL ST OTC** is not resistant to brake fluid, gasoline, and many similar products.

SPECIAL NOTES

Please consult Material Safety Data Sheet (MSDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 856-829-7325.

SEALANT DEPOT, INC.

SEALANT DEPOT, INC.

1100 Taylor's Ln. Cinnaminson, NJ 08077
Phone: (856) 829-7325 Fax: (856) 829-7325
Visit us online at: www.sealantdepot.com

P.W. GROSSER CONSULTING

March 9, 2012

Boris Saratovsky
BOSS Associates
2201 Neptune Avenue
Brooklyn, NY 11224

Re: 105 Metropolitan Avenue, Brooklyn, NY
RAWP and CHASP Coverage During Underpinning Activities

Dear Boris:

P.W. Grosser Consulting, Inc. (PWGC) has prepared this letter to detail the requirements for soil excavating activities during the underpinning and sheet installation activities at the above referenced site.

During excavation of undisturbed soils, PWGC will be on-site to conduct the Remedial Action Work Plan (RAWP) and Construction Health and Safety Plan (CHASP) oversight. Soils will be observed for visual or olfactory evidence of contamination and will be field screened with a photoionization detector (PID). If evidence of contamination exists, PWGC will remain on-site to continue RAWP and CHASP oversight.

If contamination is not evident and to minimize oversight costs during the underpinning and sheet installation activities, a designated representative of the general contractor will be trained by PWGC on the following duties:

- Inspecting the soil for visual or olfactory evidence of contamination:
  - If contamination is evident, contact PWGC immediately.
  - If during excavation activities, objects such as storage tanks, drums, cesspools, etc. are located, contact PWGC immediately.
  - If additional excavation of undisturbed soils will occur before the end of the day, contact PWGC immediately.

- Mitigating dust issues:
  - Dust may be created from wind blowing dry soil, machines driving over soil, or excavating activities.
  - Visible dust should not leave the site.
  - To prevent dust, soils should be watered down.
  - Stockpiles need to be covered at the end of the day with plastic sheeting. The plastic sheeting needs to be weighed down to prevent it from blowing off.

The designated site representative should be on-site everyday during underpinning and sheet installation activities. At the end of the day, the designated site representative

shall call Jennifer Lewis with an update on the activities performed at the site for that day.

Contact info for PWGC is as follows:

PWGC Site Safety Officer	Phone Number
Jennifer Lewis	516-315-6028
Ryan Morley	516-424-4603

If you understand and agree to this responsibility, please sign below:

Boris Saratovsky

Signature: _____

Print Name: Boris Saratovsky

Date: 3/09/12

Designated On-Site Respresentative

Signature: _____

Print Name: MARK KLEIN

Date: 03/09/2012

Very truly yours,
P.W. Grosser Consulting, Inc.

Jennifer Lewis
Project Hydrogeologist

Andy Lockwood
Senior Project Manager

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 5, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Jennifer Lewis
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Moved debris to western end of site for future off-site disposal.
- Unloaded materials for underpinning.

Working In Grid #: West and Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

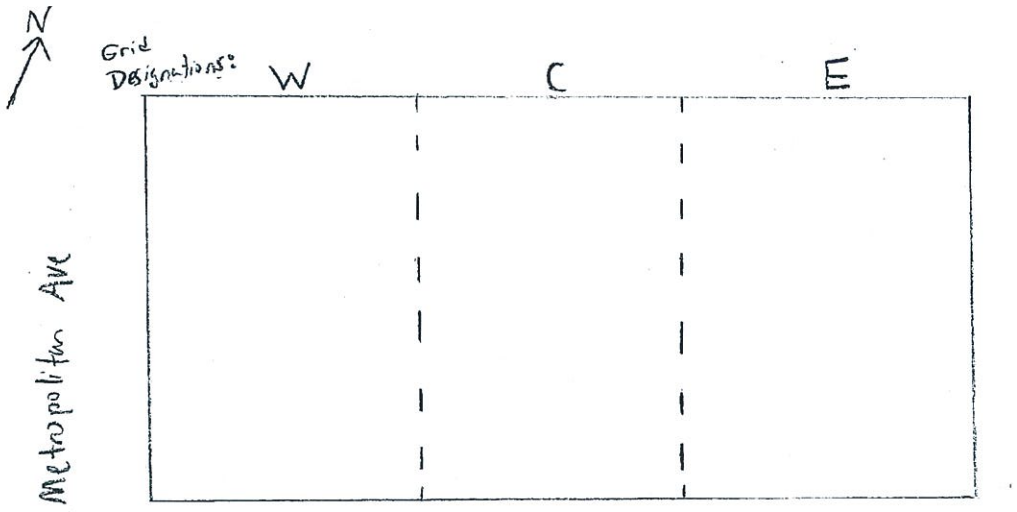
Planned Activities for Next Week:

- Underpinning

File Name: 2012-03-05.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-05.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Looking east from sidewalk. Site conditions prior to soil disturbance.	
Photo 2 – Looking east from sidewalk. Site conditions prior to soil disturbance.	
Photo 3 – Looking west towards Metropolitan Avenue. Site conditions prior to soil disturbance.	

File Name: 2012-03-05.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 6, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Jennifer Lewis and Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Leveling on-site soils.
- Excavated three sections for underpinning along southern side of property.

Working In Grid #: West and Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

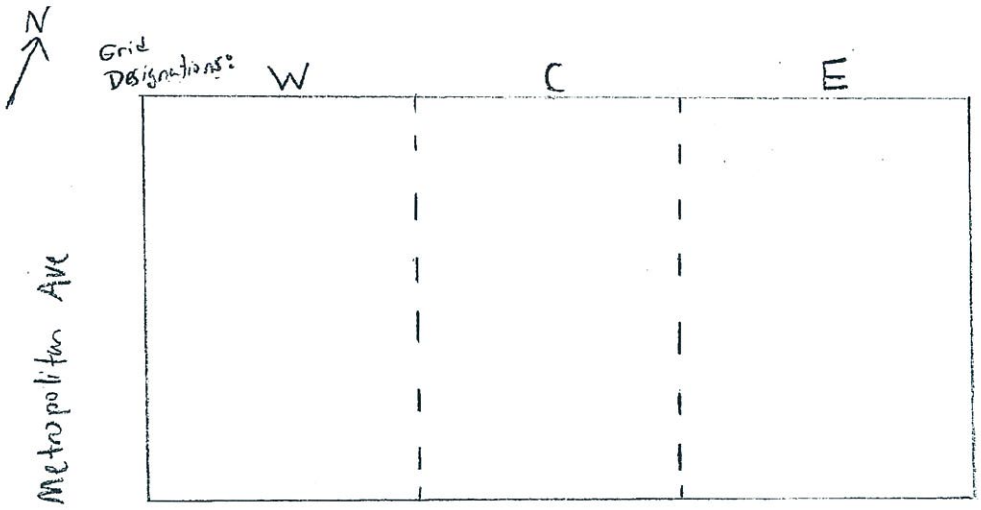
Planned Activities for Next Week:

- Continue underpinning.

File Name: 2012-03-06.11CBCP013K.Daily_Report.pdf

									Example:	
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map

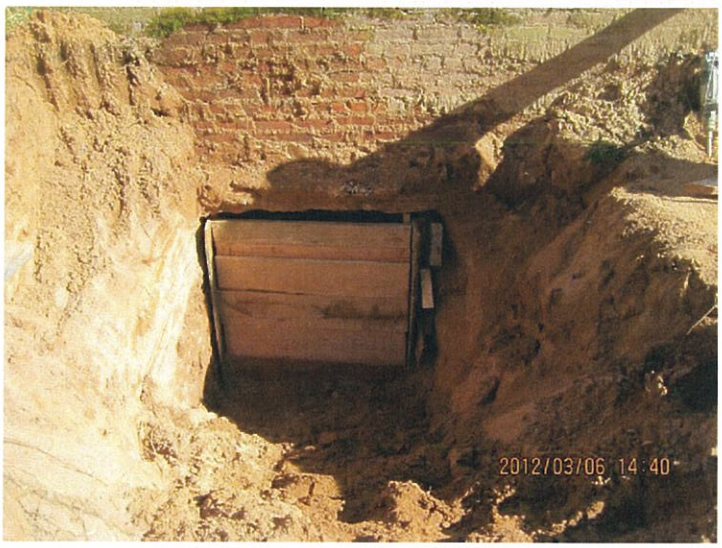


Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-06.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Beginning to excavate for underpinning along southern property boundary.	
Photo 2 – On-site soils were leveled for easier site access. Looking towards Metropolitan Avenue.	
Photo 3 – Wooden forms were installed for underpinning.	

File Name: 2012-03-06.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 7, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Jennifer Lewis and Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Poured concrete in three sections excavated for underpinning.
- Excavated one section for underpinning along northern property boundary.

Working In Grid #: West and Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

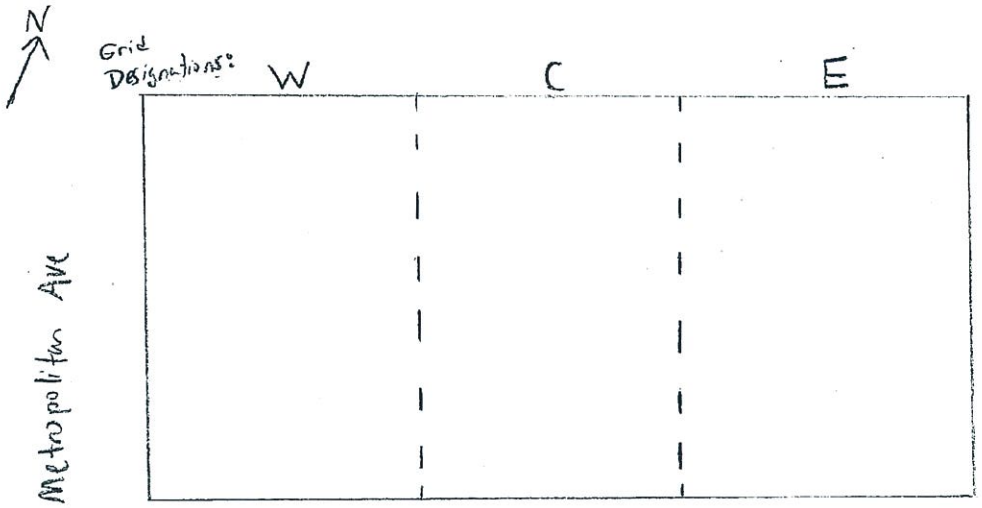
Planned Activities for Next Week:

- Continue underpinning.

File Name: 2012-03-07.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAV1201

File Name: 2012-03-07.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Transporting concrete to the sections set-up for underpinning along the southern property boudnary.	
Photo 2 – Concrete poured into forms along southern property boundary.	
Photo 3 – Excavating for underpinning along the northern property boundary. The footing on the neighboring building extended to approximately 10 feet below site grade.	

File Name: 2012-03-07.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 9, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning along southern property boundary.
- Poured concrete for three pins.

Working In Grid #: West and Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

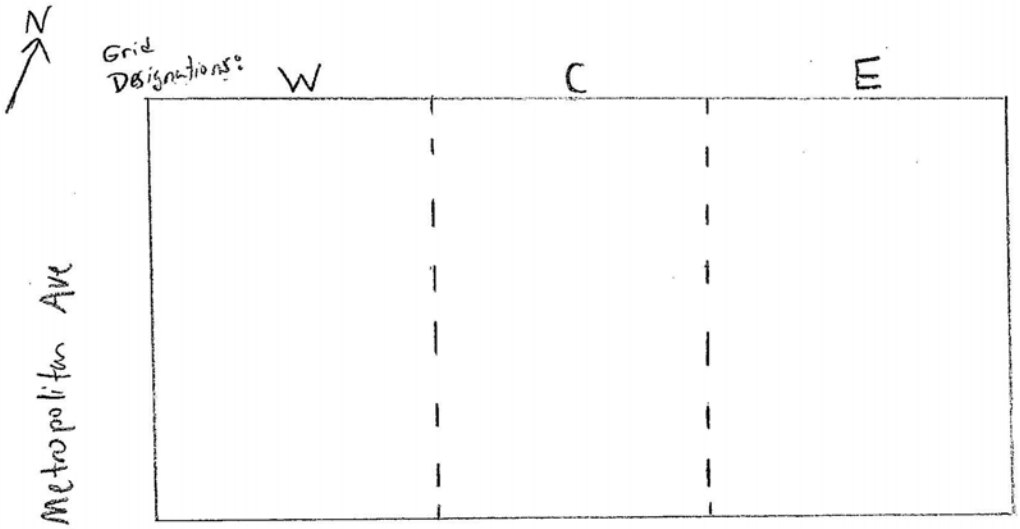
Planned Activities for Next Week:

- Continue underpinning.

File Name: 2012-03-09.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-09.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning on the southern property boundary.	
Photo 2 – Grouted the area between the underpinning and the building's foundation.	
Photo 3 – Putting forms in place for underpinning.	

File Name: 2012-03-09.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 12, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning along the southern property boundary in the eastern grid and center grid.
- Grouted the space between the underpinning and building foundation.

Working In Grid #: East, Center

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

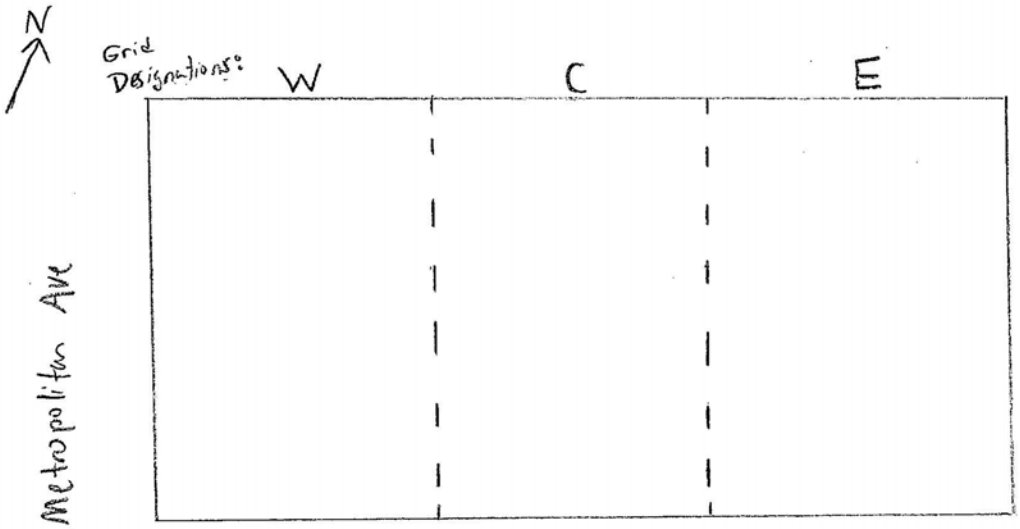
Planned Activities for Next Week:

- Continue excavating for underpinning and grouting.

File Name: 2012-03-12.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-12.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – An underpinned section along the northern property boundary.	
Photo 2 – The space between the building foundation and the underpinning has been grouted.	
Photo 3 – From the eastern side of the property, a view of the site looking towards Metropolitan Avenue.	

File Name: 2012-03-12.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 13, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning on the northern and southern property boundaries in the east side of the property.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

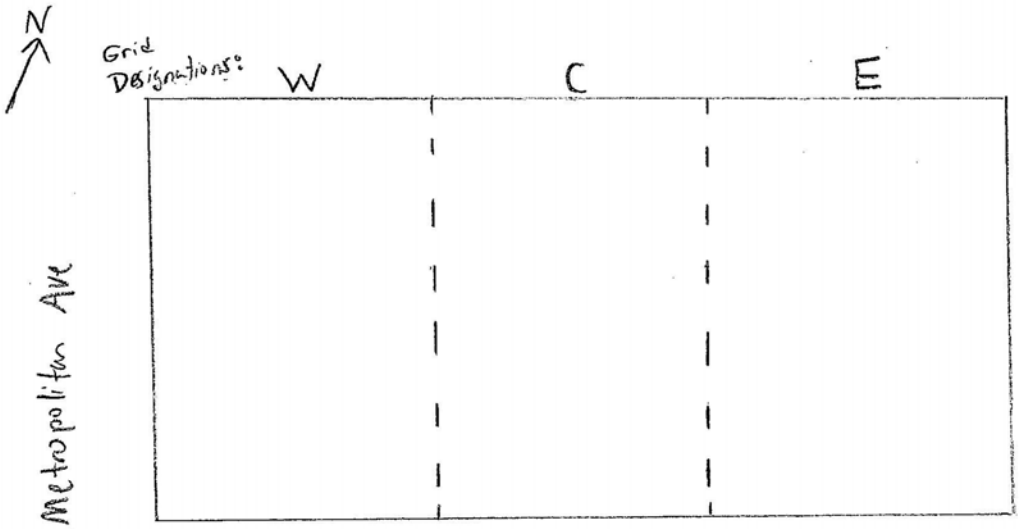
Planned Activities for Next Week:

- Continue excavating for underpinning and grouting.

File Name: 2012-03-13.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-13.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils excavated during the underpinning process.	
Photo 2 – A section of underpinning along the southern property boundary that has been backfilled.	
Photo 3 – Excavating a section for underpinning along the southern property boundary.	

File Name: 2012-03-13.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 14, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning: one along the northern property boundary in the east side of the lot, one along the southern property boundary in the east side of the lot, and one along the southern property boundary in the west side of the lot.

Working In Grid #: West and East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

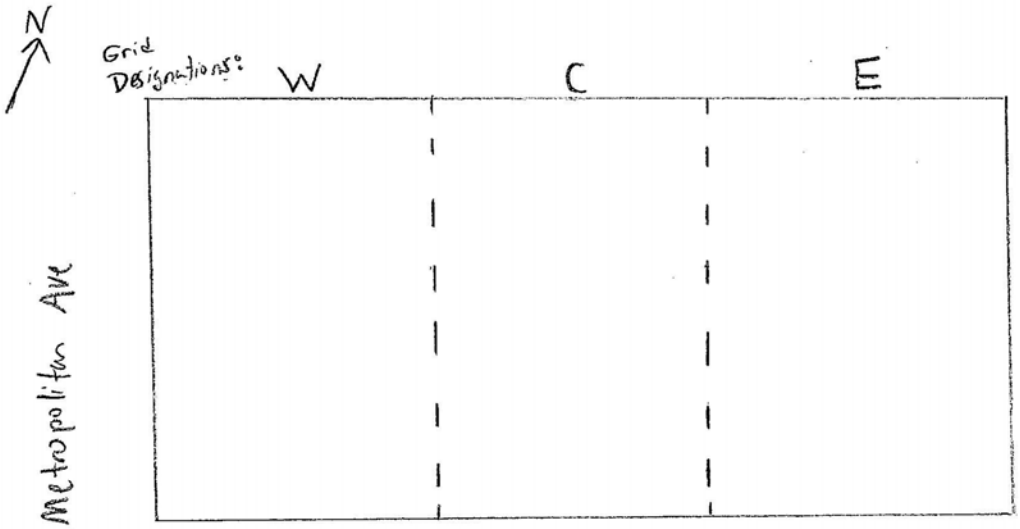
Planned Activities for Next Week:

- Continue excavating for underpinning.

File Name: 2012-03-14.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-14.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils excavated during the underpinning process.	
Photo 2 – A section along the southern property boundary being excavated for underpinning.	
Photo 3 – A section along the northern property boundary in the eastern grid being excavated for underpinning.	

File Name: 2012-03-14.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 15, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning along the southern property boundary in the east, west, and center grids.

Working In Grid #: East, West, Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

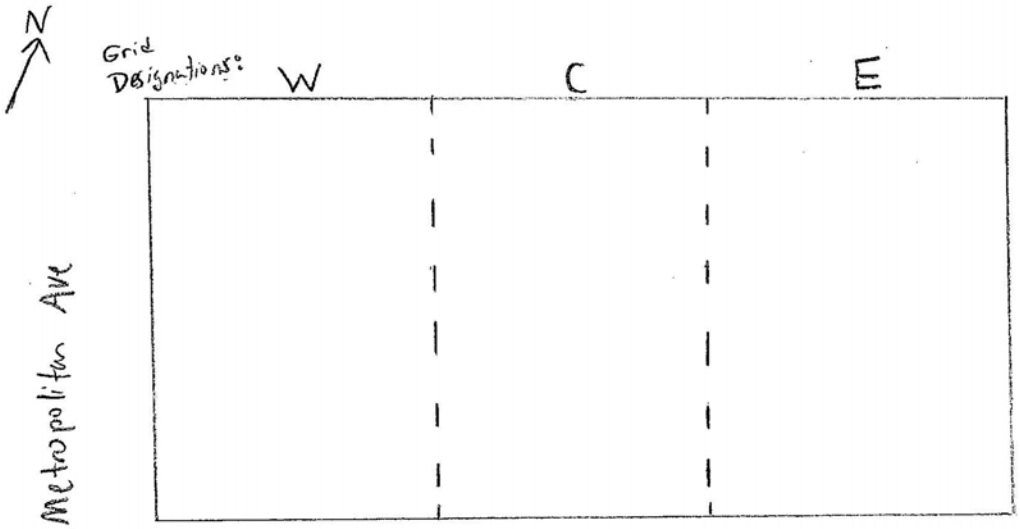
Planned Activities for Next Week:

- Continue excavating for underpinning.

File Name: 2012-03-15.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-15.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Forms are in place for a concrete pour along the northern property boundary in the eastern grid.	
Photo 2 – A section along the southern property boundary in the eastern grid being excavated for underpinning.	
Photo 3 – A section along the southern property boundary being excavated for underpinning. There was no visual or olfactory evidence of contamination.	

File Name: 2012-03-15.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☒	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 16, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning along the southern property boundary in the east, west, and center grids.

Working In Grid #: East, West, Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

During excavation of the underpinning in the southwestern section of the site, a small section of soil exhibited a minor petroleum odor, but no staining was evident. The soil was excavated, placed on poly sheeting, and covered.

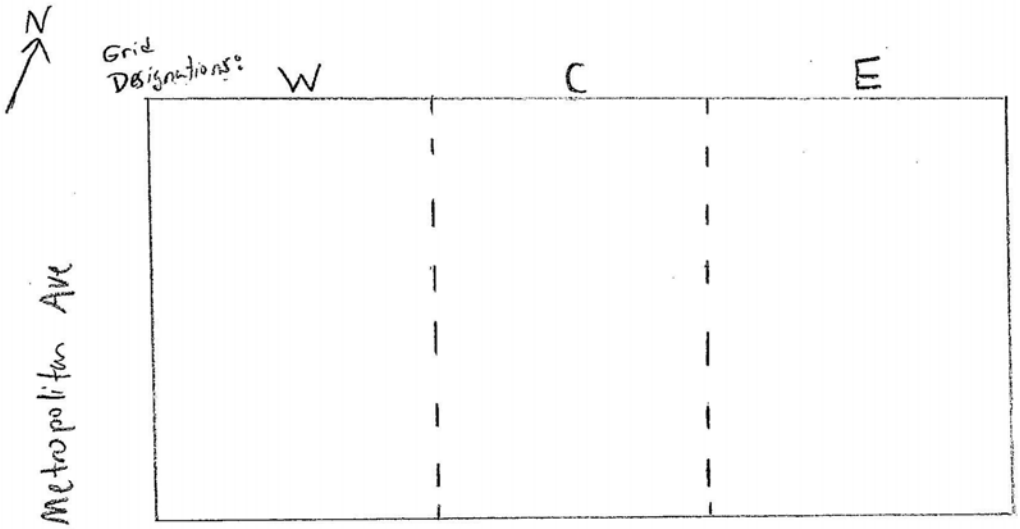
Planned Activities for Next Week:

- Continue excavating for underpinning.

File Name: 2012-03-16.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-16.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the western grid.	
Photo 2 – Soil exhibiting minor olfactory evidence of contamination in the southwestern section was segregated and placed on poly sheeting. The soil did not exhibit visual evidence of contamination.	
Photo 3 – The segregated soil was covered with poly sheeting to prevent off-site migration.	

File Name: 2012-03-16.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 19, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning along the southern property boundary in the east and center grids, and one section along the north property boundary in the east grid.

Working In Grid #: center, east

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

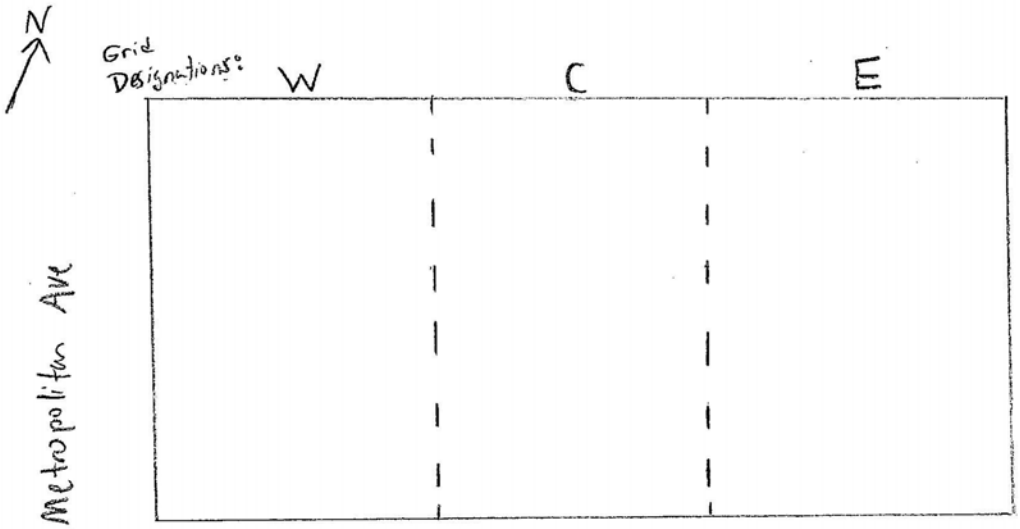
Planned Activities for Next Week:

- Continue excavating for underpinning, pouring concrete, and grouting.

File Name: 2012-03-19.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-19.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the center grid.	
Photo 2 – Excavating for underpinning along the southern property boundary in the eastern grid.	
Photo 3 – Excavating for underpinning along the southern property boundary in the eastern grid.	

File Name: 2012-03-19.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 20, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning along the southern property boundary in the east, west, and center grids.
- Soils exhibiting olfactory evidence of petroleum impact that were stockpiled last week were temporarily placed back in an excavation and covered with poly sheeting.

Working In Grid #: west, center, east

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

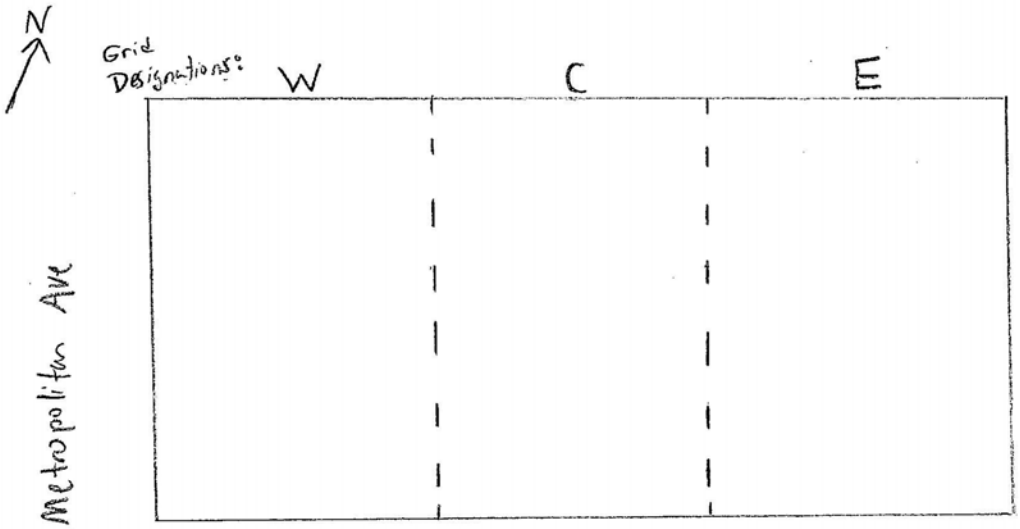
Planned Activities for Next Week:

- Continue excavating for underpinning, pouring concrete, and grouting.

File Name: 2012-03-20.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-20.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the western grid.	
Photo 2 – Excavating for underpinning along the northern property boundary in the eastern grid underneath the patio.	
Photo 3 – Setting up forms for underpinning along the southern property boundary.	

File Name: 2012-03-20.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 21, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning along the southern property boundary in the center grid and one section for underpinning along the northern property boundary in the eastern grid under the patio.

Working In Grid #: center and east

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

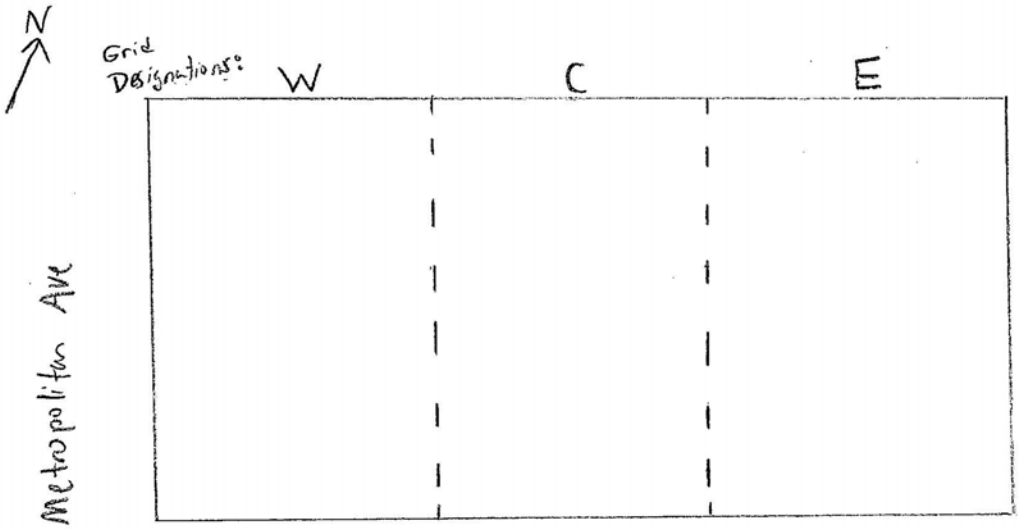
Planned Activities for Next Week:

- Continue excavating for underpinning, pouring concrete, and grouting.

File Name: 2012-03-21.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the center grid.	
Photo 2 – Excavating for underpinning along the southern property boundary in the center grid. Facing Metropolitan Avenue.	
Photo 3 – Underpinning along the northern property boundary in the eastern grid underneath the patio.	

File Name: 2012-03-21.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 22, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated three sections for underpinning along the southern property boundary in the center and east grids.

Working In Grid #: center and east

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

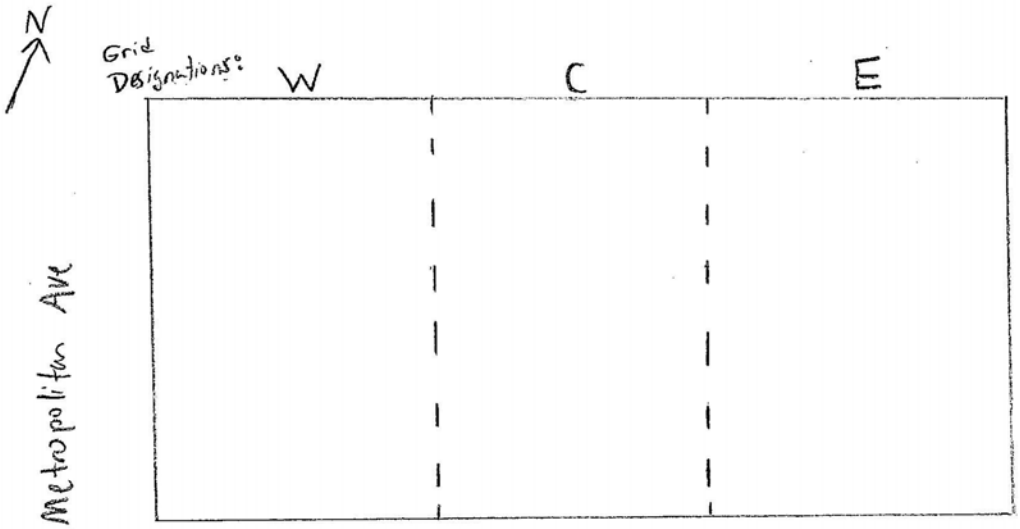
Planned Activities for Next Week:

- Continue excavating for underpinning, pouring concrete, and grouting.

File Name: 2012-03-22.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-22.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the eastern grid.	
Photo 2 – Excavating for underpinning along the southern property boundary in the center grid. Facing towards the east.	
Photo 3 – Excavating for underpinning along the southern property boundary in the center grid.	

File Name: 2012-03-22.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 23, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundations	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning in the eastern grid, one along the southern property boundary and one along the northern property boundary.
- Graded soils in the eastern grid.

Working In Grid #: east

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

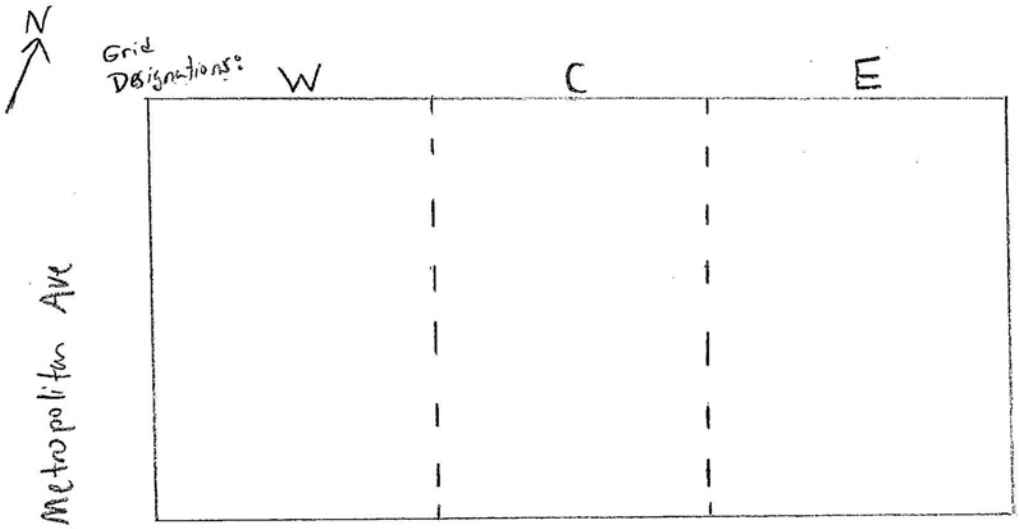
Planned Activities for Next Week:

- Continue excavating for underpinning, pouring concrete, and grouting.

File Name: 2012-03-23.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-23.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Grading soils in the eastern grid. Facing towards the east.	
Photo 2 – Underpinning along the southern property boundary in the eastern grid.	
Photo 3 – Underpinning underneath the patio in the eastern grid along the northern property boundary.	

File Name: 2012-03-23.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 26, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning in the eastern grid, one along the southern property boundary and one along the northern property boundary.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

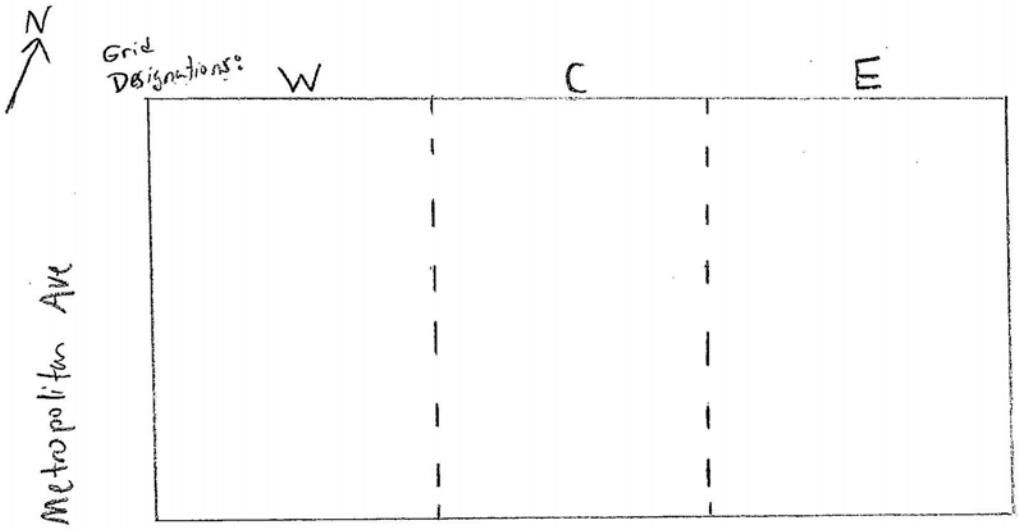
Planned Activities for Next Week:

- Continue excavating for underpinning and pouring concrete.

File Name: 2012-03-26.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-26.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Underpinning along the southern property boundary.	
Photo 2 – Excavating along the southern property boundary. Looking towards the east side of the property.	
Photo 3 – Underpinning underneath the patio located in the northern side of the property in the eastern grid.	

File Name: 2012-03-26.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 27, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated one section for underpinning in the eastern grid along the northern property boundary.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

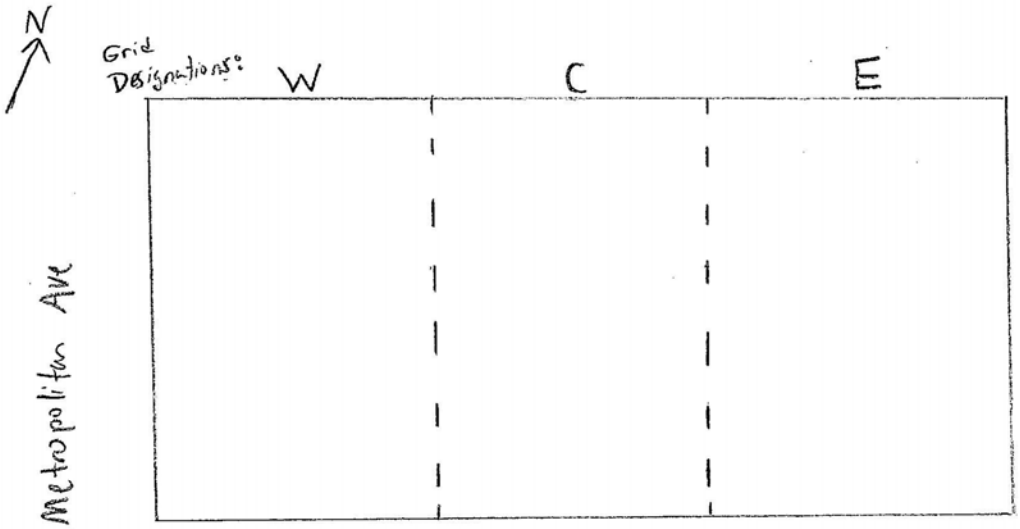
Planned Activities for Next Week:

- Continue excavating for underpinning and pouring concrete.

File Name: 2012-03-27.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-27.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils excavated for underpinning.	
Photo 2 – Excavating for underpinning along the northern property boundary, under the patio in the eastern side of the site.	
Photo 3 – Underpinning along the northern property boundary under the patio in the eastern side of the site.	

File Name: 2012-03-27.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 28, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning along the southern property boundary in the east and central grids.

Working In Grid #: East, Central

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

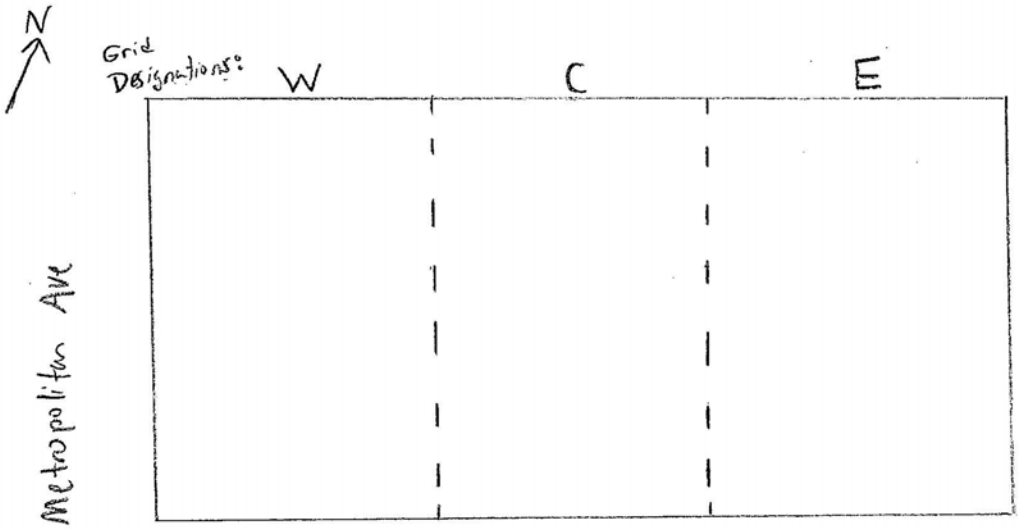
Planned Activities for Next Week:

- Continue excavating for underpinning and pouring concrete.

File Name: 2012-03-28.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-28.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Underpinning along the southern property boundary.	
Photo 2 – Underpinning along the southern property boundary.	
Photo 3 – Underpinning along the southern property boundary.	

File Name: 2012-03-28.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 29, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning along the southern property boundary in the east and central grids.

Working In Grid #: Central, East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

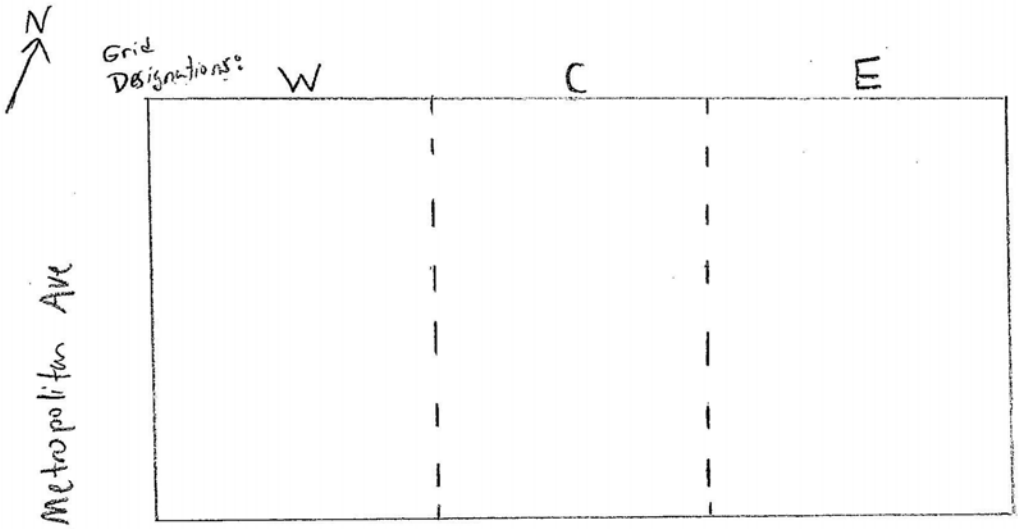
- Continue excavating for underpinning and pouring concrete.

File Name: 2012-03-29.11CBCP013K.Daily_Report.pdf

	Example:

Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-03-29.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating along the southern property boundary for underpinning.	
Photo 2 – Underpinning in the central grid along the southern property boundary.	
Photo 3 – A bucket of soil from along the southern property boundary in the center grid.	

File Name: 2012-03-29.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Mar 30, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated two sections for underpinning in the eastern grid, one along the southern property boundary and one along the northern property boundary.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

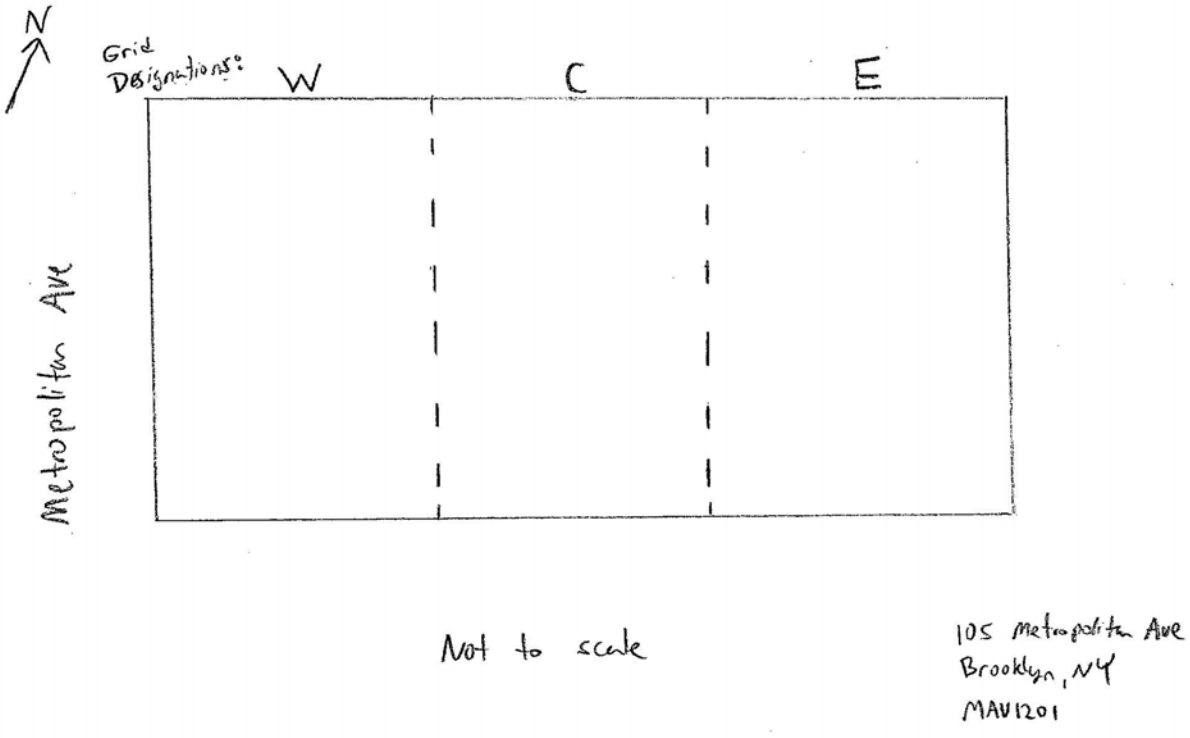
Planned Activities for Next Week:

- Continue excavating for underpinning and pouring concrete.

File Name: 2012-03-30.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



File Name: 2012-03-30.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the eastern grid.	
Photo 2 – Excavating for underpinning along the southern property boundary.	
Photo 3 – Underpinning along the northern property boundary, eastern grid.	

File Name: 2012-03-30.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 2, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Excavated one section for underpinning in the eastern grid and central grid, along the southern property line.

Working In Grid #: East, Central

Samples Collected (Since Last Report):

No Samples Collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

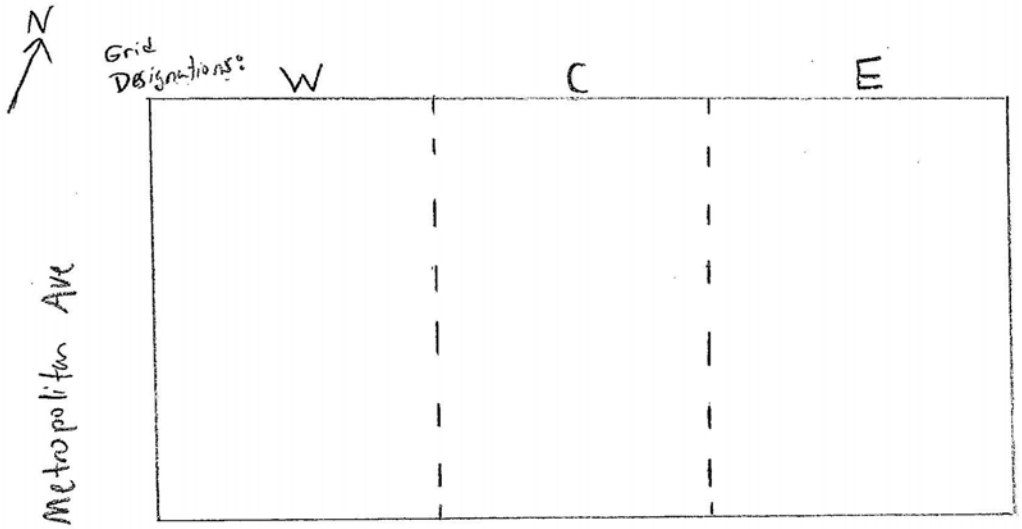
Planned Activities for Next Week:

Begin installation of shoring for retaining purposes in eastern grid.

File Name: 2012-04-02.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-04-02.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along the southern property boundary in the eastern grid.	
Photo 2 – Location of underpinning before concrete was poured.	
Photo 3 – Excavation of underpinning in central grid. Looking towards the east.	

File Name: 2012-04-02.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 3, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Excavated a large section in the eastern grid in order to install wooden shoring for retaining purposes.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

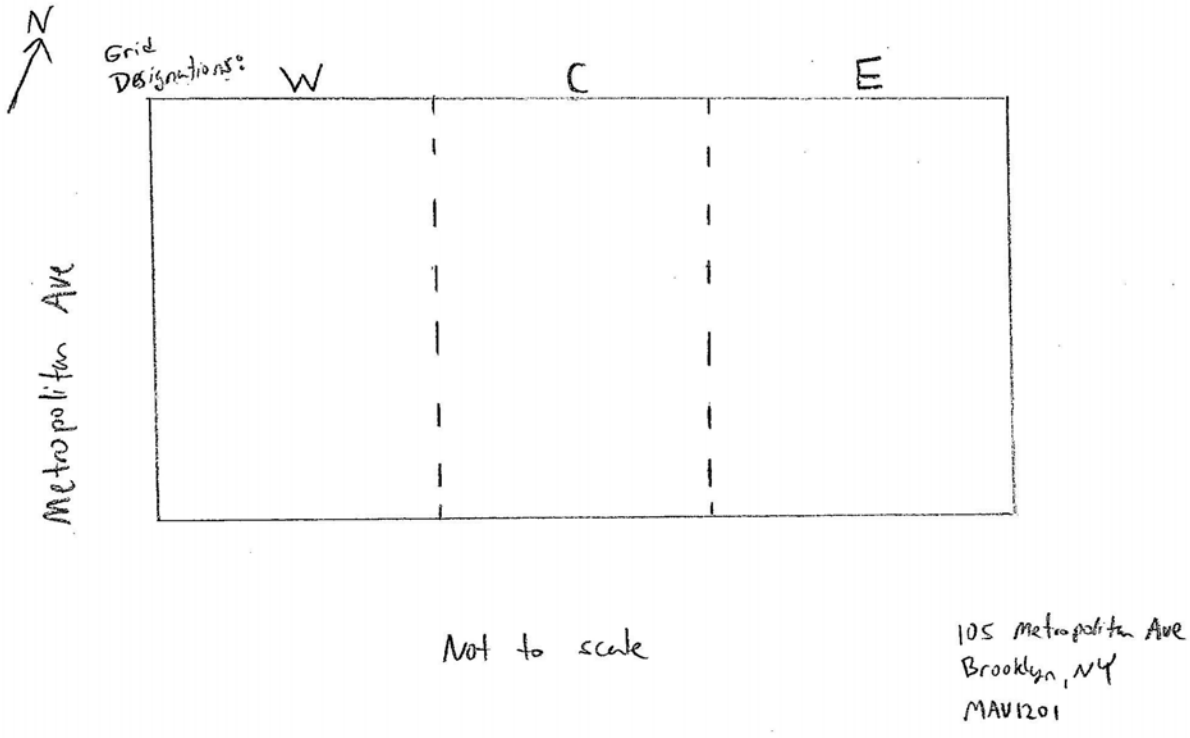
Planned Activities for Next Week:

Continue installation of shoring in the eastern grid.

File Name: 2012-04-03.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removed today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



File Name: 2012-04-03.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the site looking west towards Metropolitan Avenue.	
Photo 2 – Excavating for shoring in east gird.	
Photo 3 – Installing shoring along the eastern property boundary.	

File Name: 2012-04-03.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 4, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Excavated additional soils in the east grid in order to make room for shoring.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

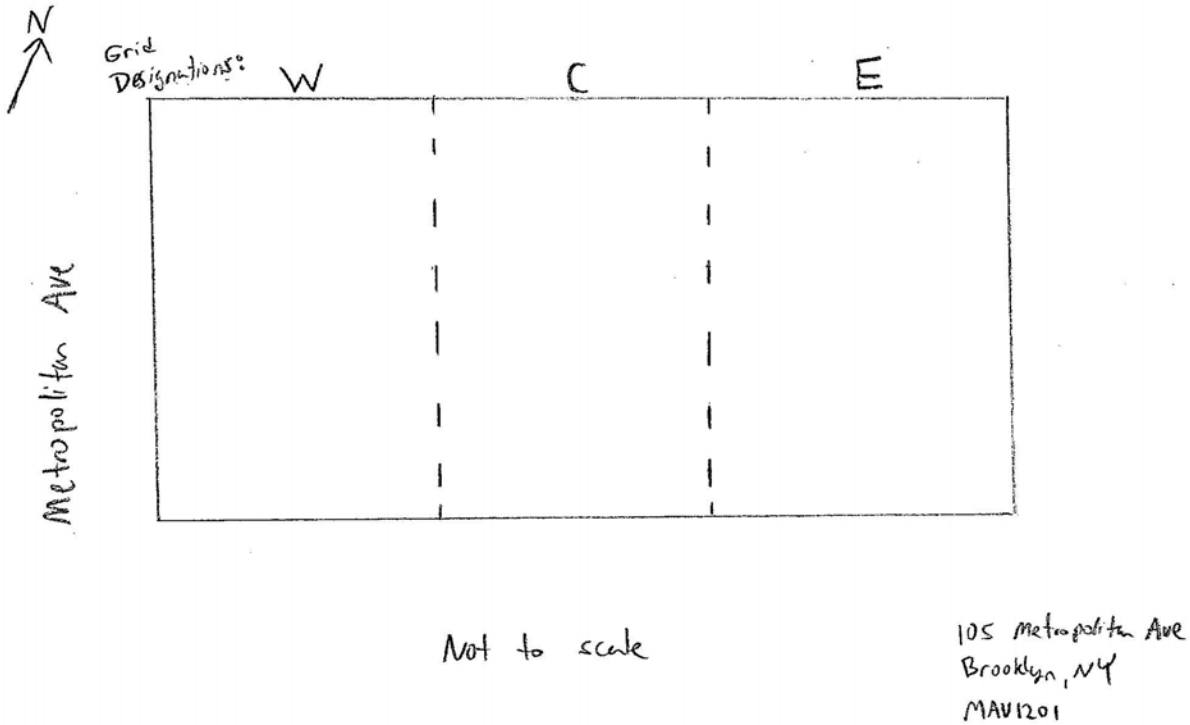
Planned Activities for Next Week:

-Continue installation of shoring in east grid and complete underpinning in eastern grid on the southern property boundary.

File Name: 2012-04-04.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soils removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



File Name: 2012-04-04.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Grading soils around shoring along eastern property boundary.	
Photo 2 – View of shoring from western side of site.	
Photo 3 – Soils located between shoring and the eastern property line.	

File Name: 2012-04-04.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 5, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Continuing to install shoring in the east grid.
- Excavated for underpinning in the eastern grid, along the southern property boundary.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

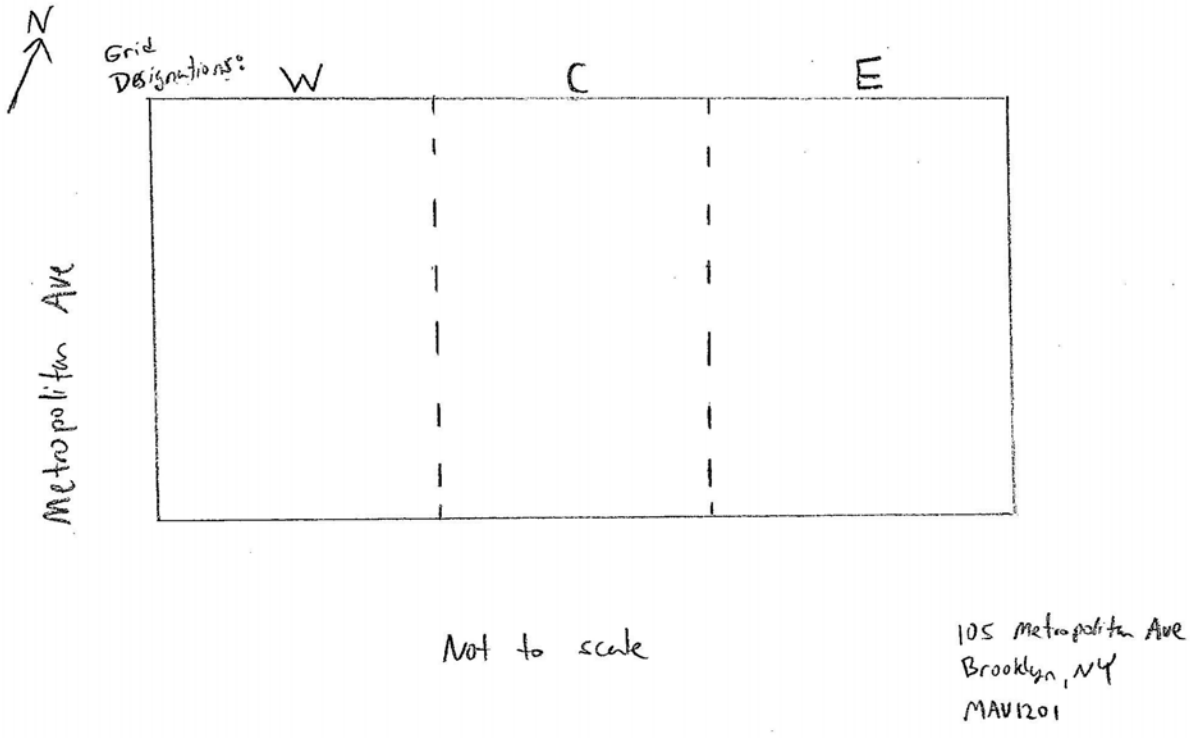
Planned Activities for Next Week:

- Continue excavating for underpinning and shoring installation.

File Name: 2012-04-05.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soils removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



File Name: 2012-04-05.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Installing shoring along the eastern property boundary.	
Photo 2 – Excavating for underpinning in the eastern grid along the southern property boundary. Looking towards Metropolitan Avenue.	
Photo 3 – Excavating in the eastern grid for underpinning and shoring installation. Looking towards the east.	

File Name: 2012-04-05.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 6, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavating soils in the eastern gird for shoring.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

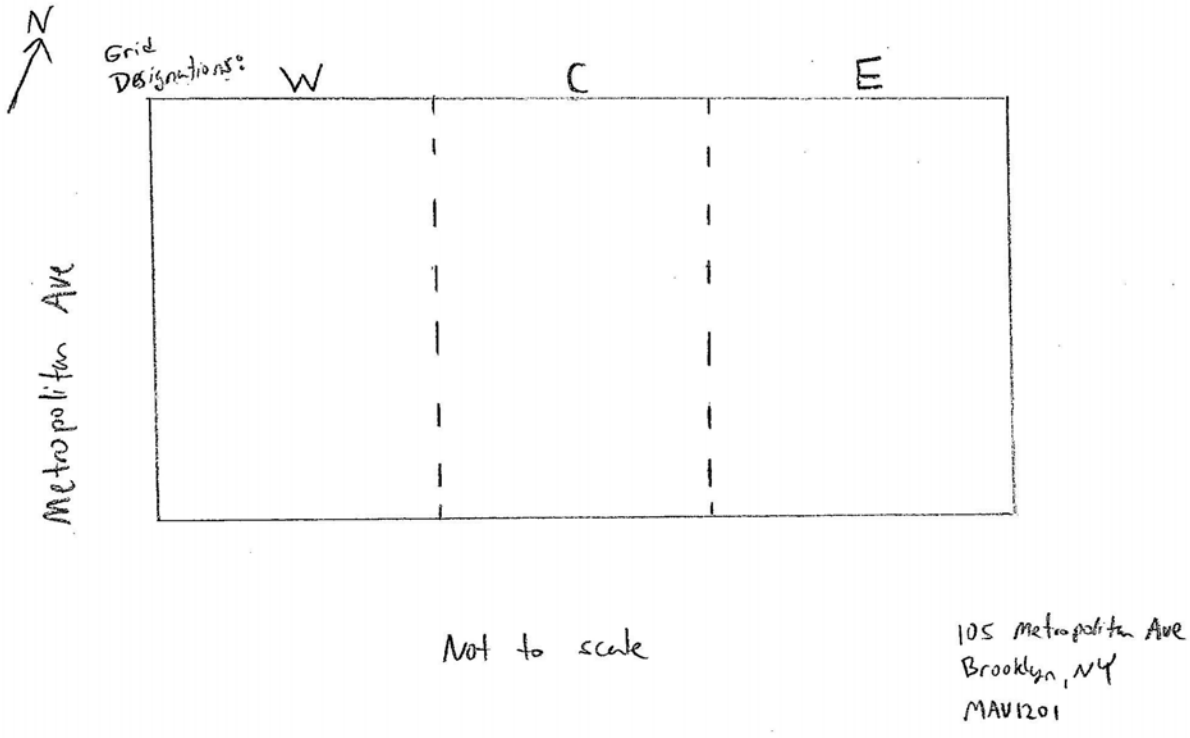
Planned Activities for Next Week:

- Begin installing concrete footing structures is eastern gird.

File Name: 2012-04-06.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



File Name: 2012-04-06.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavated soils between the shoring and eastern property boundary.	
Photo 2 – Excavating in the eastern grid. Looking towards Metropolitan Avenue.	
Photo 3 – Excavating in the eastern grid for underpinning and shoring. Looking towards the east.	

File Name: 2012-04-06.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Apr 25, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Application of vapor barrier (Grace Ice and Water Shield) to foundation wall and inspection by PWGC engineer.

Working In Grid #: East

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

Planned Activities for Next Week:

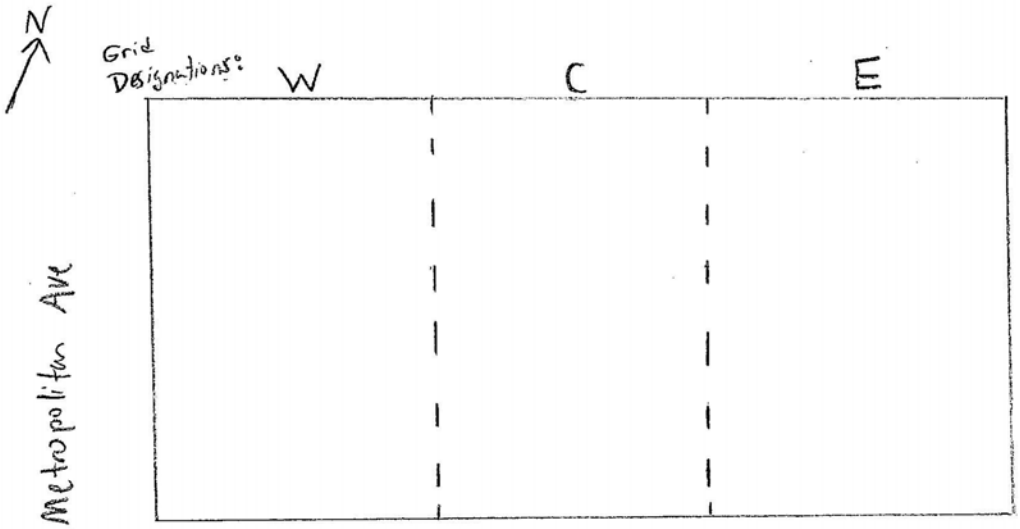
- Continue excavating soil and vapor barrier installation and inspection.

File Name: 2012-04-25.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-04-25.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Vapor barrier installation along the eastern foundation wall.	
Photo 2 –	
Photo 3 –	

File Name: 2012-04-25.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 2, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavating soils on eastern side of southern property boundary for footing.

Working In Grid #: East

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

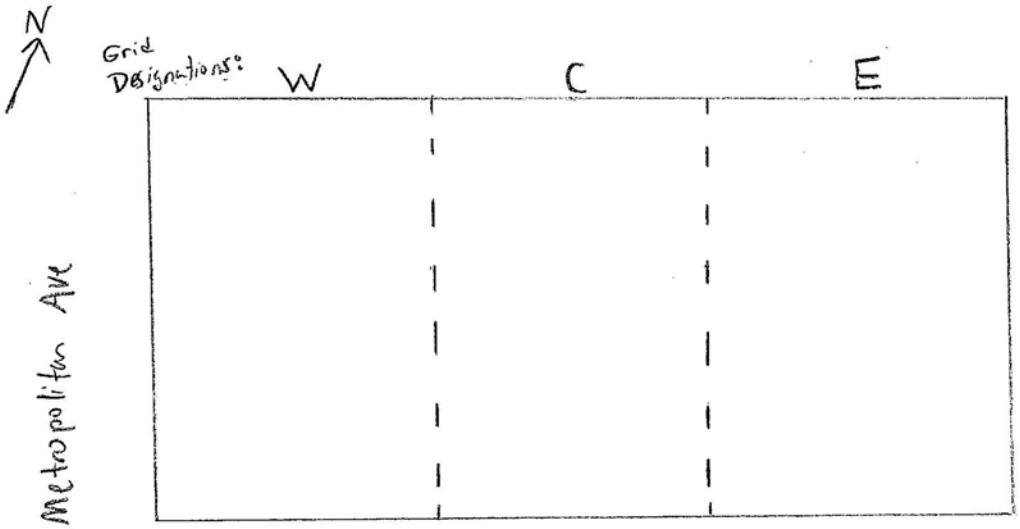
Planned Activities for Next Week:

- Continue excavating for footings and installing vapor barrier.

File Name: 2012-05-02.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-02.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils in the eastern grid along the southern property boundary for a footing.	
Photo 2 – View of the site looking towards the East.	
Photo 3 – Excavating soils in the eastern grid along the southern property boundary for a footing.	

File Name: 2012-05-02.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 4, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Installation and inspection of Grace Water and Ice Shield along the southern foundation wall in the eastern grid from the top of the footing to grade.

Working In Grid #: East

Samples Collected (Since Last Report):

- No samples collected

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

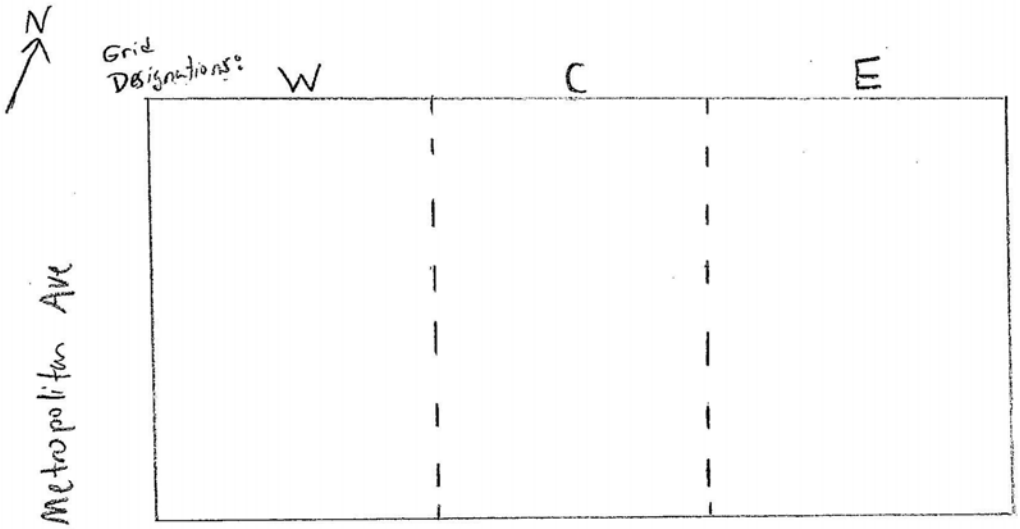
Planned Activities for Next Week:

- Continue excavating for footings and vapor barrier installation and inspections.

File Name: 2012-05-04.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-04.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Grace Ice and Water Shield installed along the southern foundation wall in the eastern grid.	
Photo 2 – Grace Ice and Water Shield installed along the southern foundation wall in the eastern grid.	
Photo 3 –	

File Name: 2012-05-04.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 9, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated in southern section of eastern and center grids for footing/foundation wall installation.

Working In Grid #: East and Center

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered

Planned Activities for Next Week:

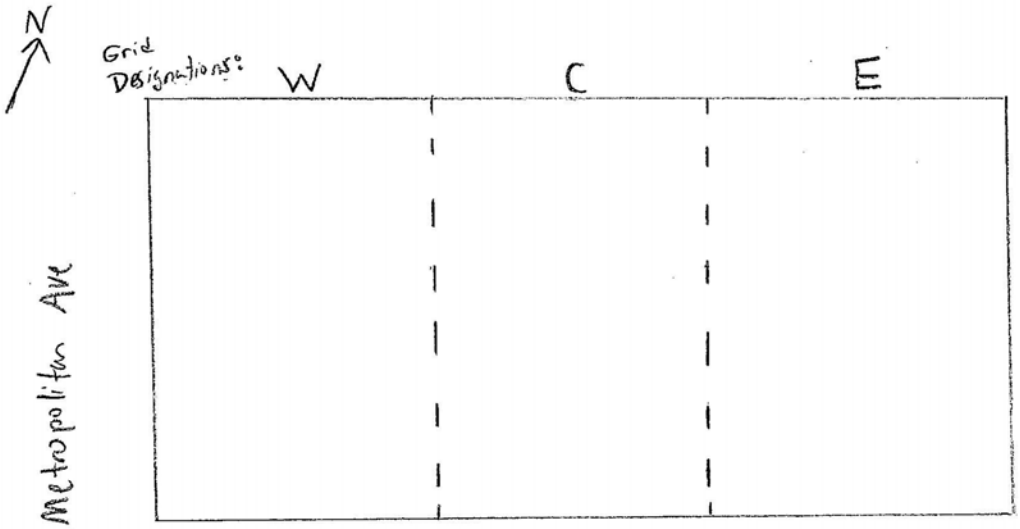
- Continue excavating for footings, installation and inspection of vapor barrier.
- May begin trucking soil off at end of week.

File Name: 2012-05-09.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-09.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – View of the central and eastern section of the site.	
Photo 2 – Soils along the southern side of the property are excavated to continue installation of foundation wall.	
Photo 3 – View of the central and eastern section of the site.	

File Name: 2012-05-09.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 10, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Installation and inspection of Grace Ice and Water Shield vapor barrier on southern foundation wall.

Working In Grid #: East and Center

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

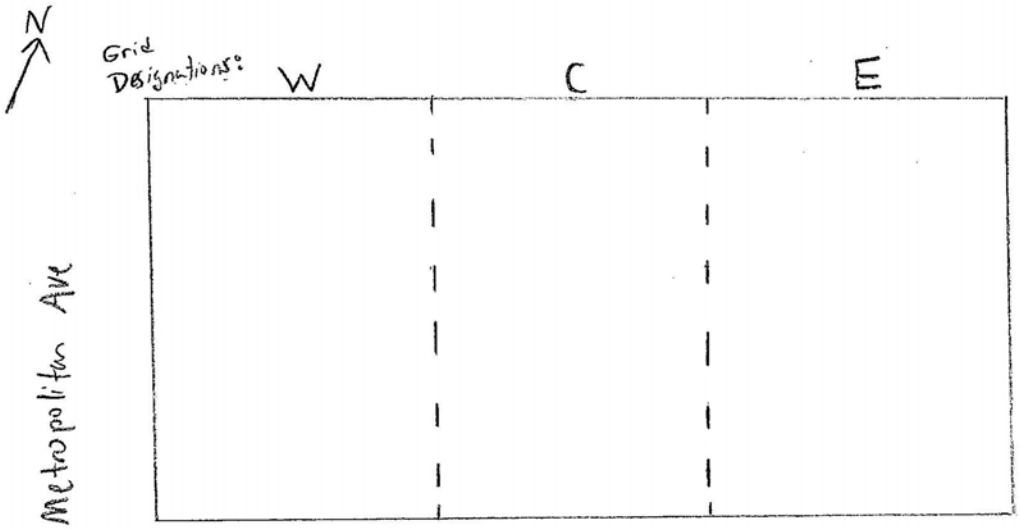
Planned Activities for Next Week:

- Continue excavating for footings, installation and inspection of vapor barrier.
- May begin trucking soil off at end of week.

File Name: 2012-05-10.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-10.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Grace Ice and Water Shield vapor barrier installed along southern foundation wall.	
Photo 2 –	
Photo 3 –	

File Name: 2012-05-10.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 18, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Loaded six trucks with soil from the eastern portion of the site.

Working In Grid #: East

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

Planned Activities for Next Week:

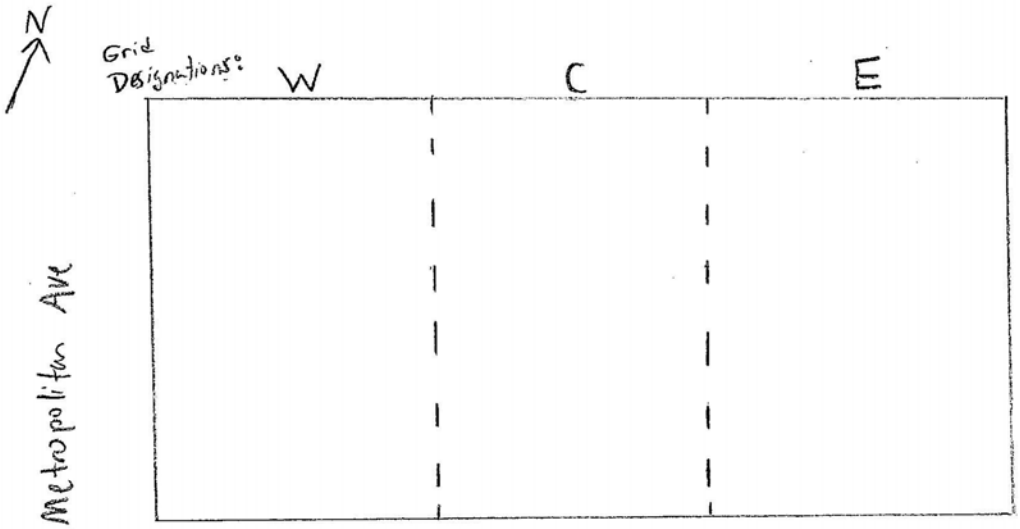
- Continue to load trucks with soil, excavate for foundation walls and footings.

File Name: 2012-05-18.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	6	120							5	120
Totals (trucks, cu.yds.)	6	120							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-18.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils from the eastern portion of the site for disposal.	
Photo 2 – Soils from the eastern portion of the site are loaded into 20 cubic yard dump trucks.	
Photo 3 – A view of the eastern portion of the site following soil removal.	

File Name: 2012-05-18.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 21, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Loaded six trucks with soil from the eastern part of the site.

Working In Grid #: East

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

Planned Activities for Next Week:

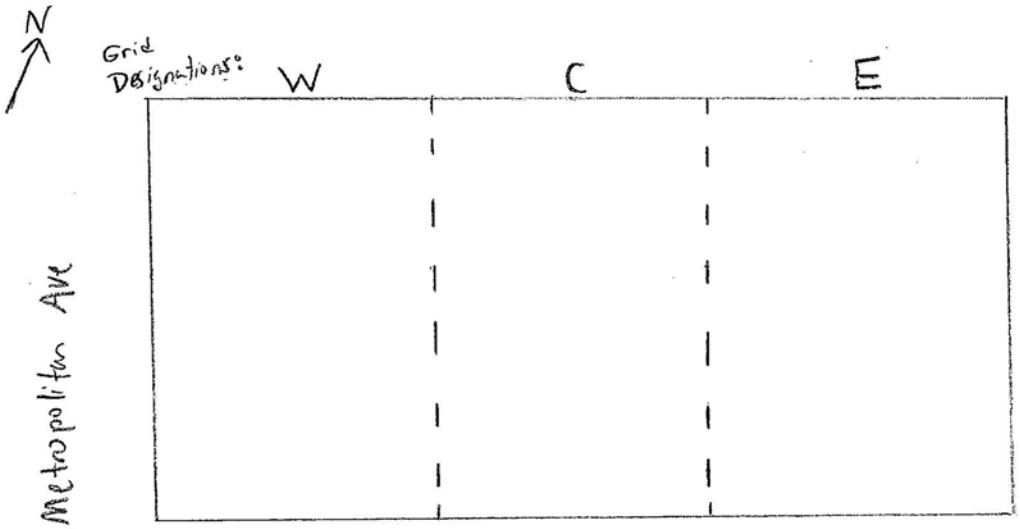
- Continue to excavate for sheeting and footings.

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	6	120							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soil from the eastern part of the site was loaded into six trucks.	
Photo 2 – Cleaning up muddy soil tracks.	
Photo 3 – The eastern portion of the site.	

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 22, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavating soils in western section by sidewalk for sheeting.

Working In Grid #: West

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

Planned Activities for Next Week:

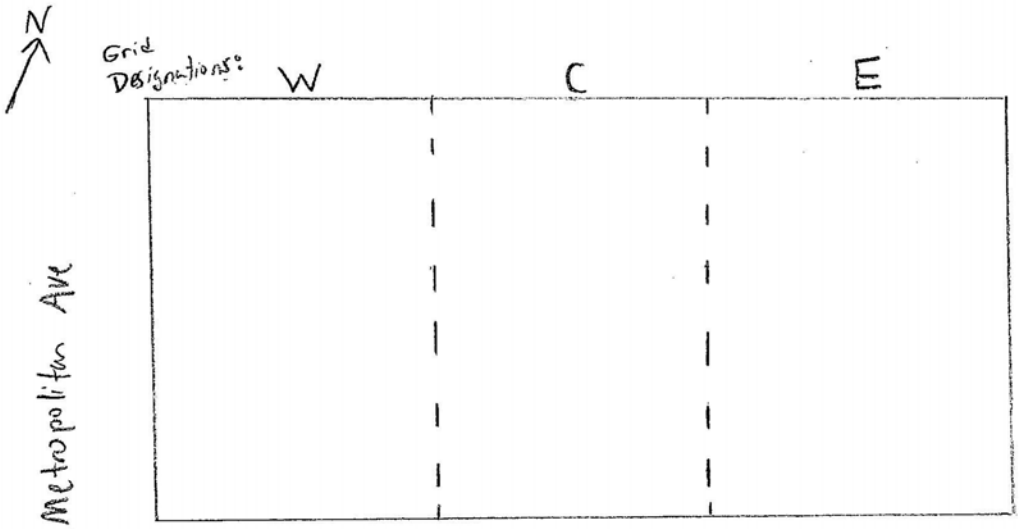
- Continue to excavate for sheeting and footings.

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	No soil removed today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils in western section for sheeting.	
Photo 2 – Installing sheeting on western side of property.	
Photo 3 – Continuing to install sheeting on western side of property from the north towards the south.	

File Name: 2012-05-21.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	May 23, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Continued to excavated in western section for sheeting.

Working In Grid #: West

Samples Collected (Since Last Report):

- No samples collected.

Air Monitoring (Since Last Report):

- No limits exceeded.

Problems Encountered:

- No problems encountered.

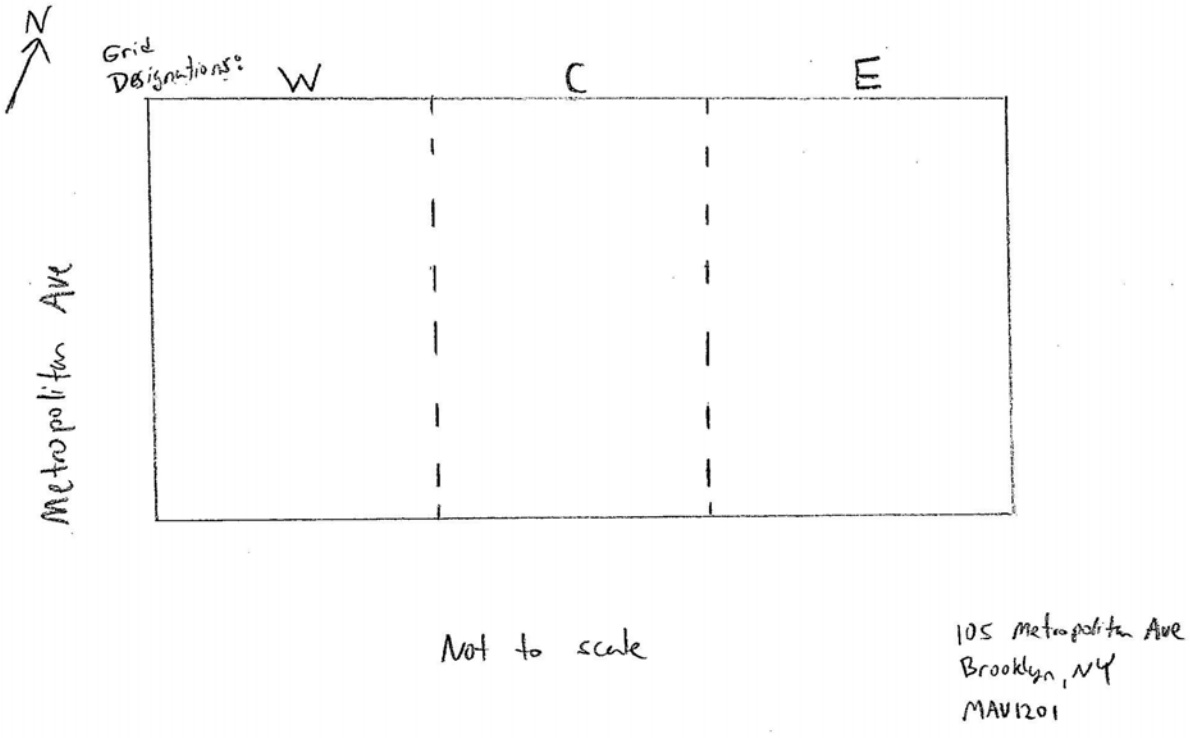
Planned Activities for Next Week:

- Continue to excavate for sheeting and footings.

File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removed today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



File Name: 2012-05-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soil excavated between the sheeting and the sidewalk.	
Photo 2 – Using hand tools to remove soil between the sheeting and the sidewalk.	
Photo 3 – Sheeting has extended across the western side of the property from the north to the south.	

File Name: 2012-05-21.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	5/29/2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Excavated in the southwestern section for underpinning.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

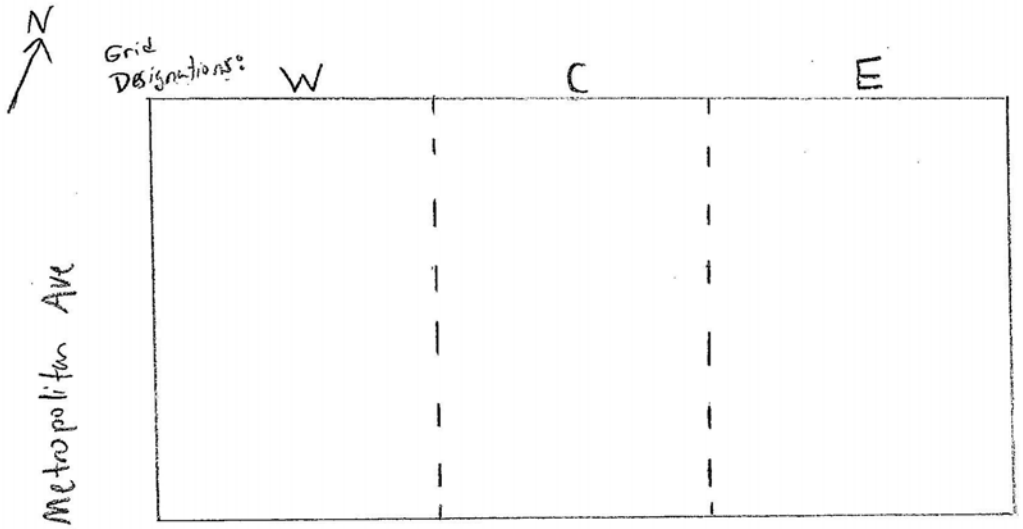
-Continue excavating in the western grid for underpinning.

File Name: 2012-05-29.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-29.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils on the northwestern portion of the site with sheeting installed.	
Photo 2 – View of the site looking East.	
Photo 3 – Southwest corner of the site during excavation for underpinning.	

File Name: 2012-05-29.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	5/30/2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Continue to excavate soil in the western grid on the north and south sides for underpinning.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

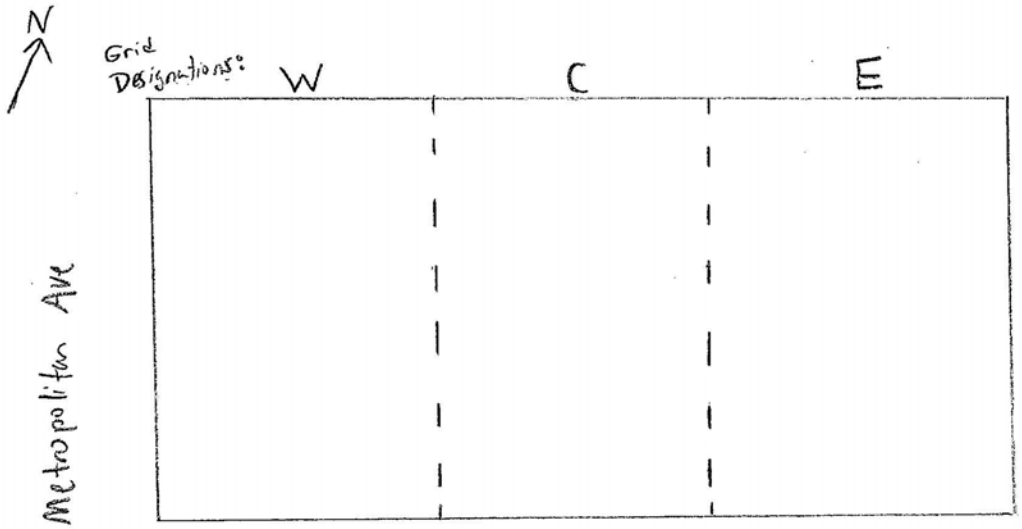
Planned Activities for Next Week:

- Continue excavation of soils in the western grid for underpinning.

File Name: 2012-05-30.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-30.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils in northwestern section of the site for underpinning.	
Photo 2 – View of the site looking East.	
Photo 3 – Excavation for underpinning on the southwest section of the site.	

File Name: 2012-05-30.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	5/31/2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P.W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Excavated soils in western grid along northern and southern boundaries for underpinning.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

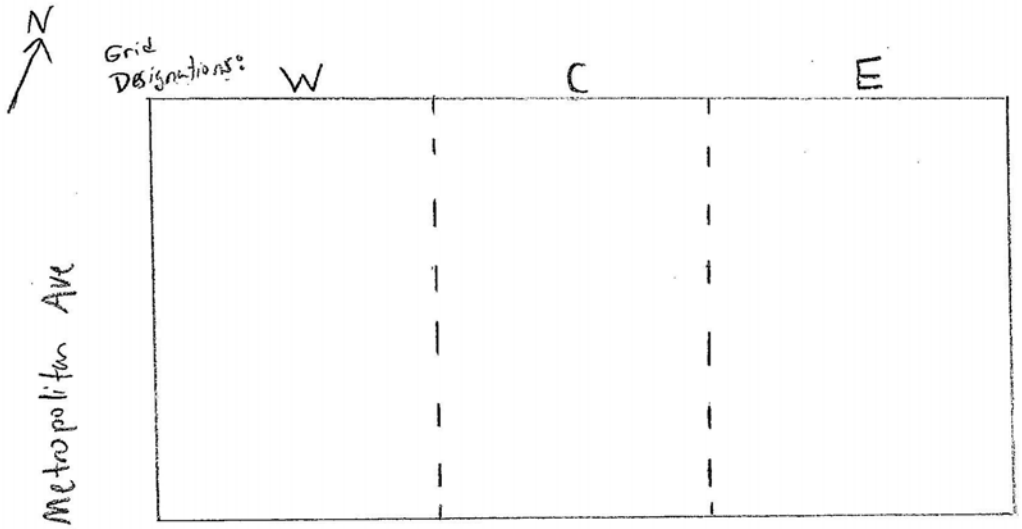
Planned Activities for Next Week:

-Pour concrete in western grid for footings and basement walls.

File Name: 2012-05-31.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map

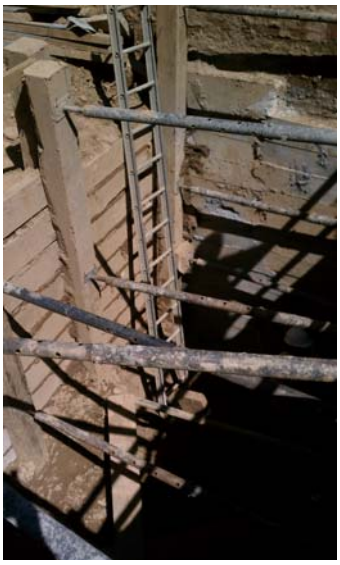


Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-05-31.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils at the bottom of the excavation in the western grid.	
Photo 2 – View of the southern side of the excavation in the western grid.	
Photo 3 – View of the site looking East.	

File Name: 2012-05-31.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jun 8, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Installed vapor barrier along western foundation wall, inspected vapor barrier.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

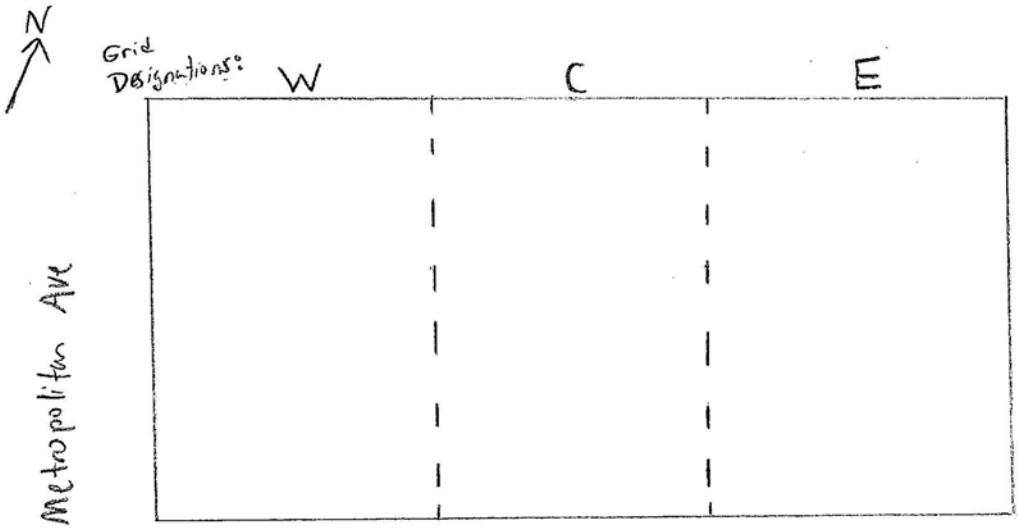
Planned Activities for Next Week:

- Continue excavating for footings

File Name: 2012-06-08.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-06-08.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Installation of the Grace Ice and Water Shield Vapor Barrier on the western portion of the site.	
Photo 2 – Installation of the Grace Ice and Water Shield Vapor Barrier on the western portion of the site.	
Photo 3 – Installation of the Grace Ice and Water Shield Vapor Barrier on the western portion of the site.	

File Name: 2012-06-08.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	June 19, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Excavation for underpinning and footings was performed on the Southwest corner of the site.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

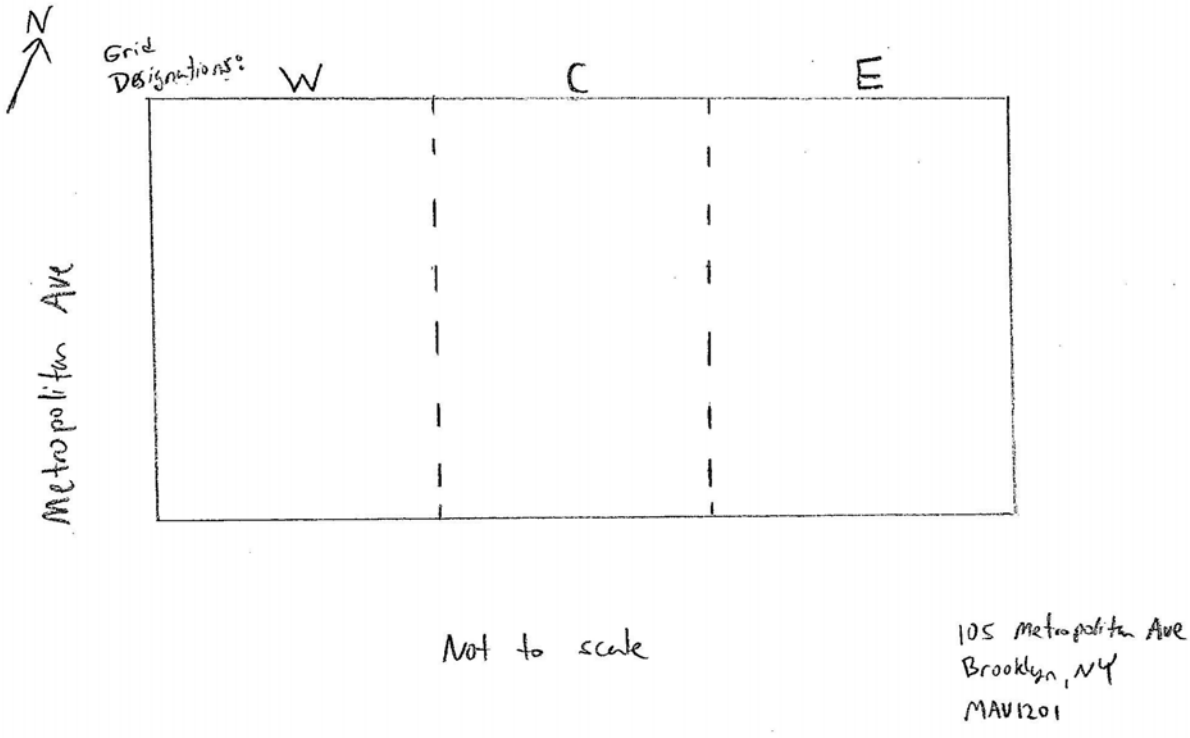
Planned Activities for Next Week:

-Continue digging in southwest corner of the site for footings, load trucks with soil for offsite disposal.

File Name: 2012-06-19.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



File Name: 2012-06-19.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – -Soils encountered in the southwest region of the site during excavation.	
Photo 2 – Soils being excavated from the southwest corner of the site.	
Photo 3 – View of the site looking east.	

File Name: 2012-06-19.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Ryan Morley

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	June 20, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

-Continued to dig for footings in the Southwest corner of the site.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

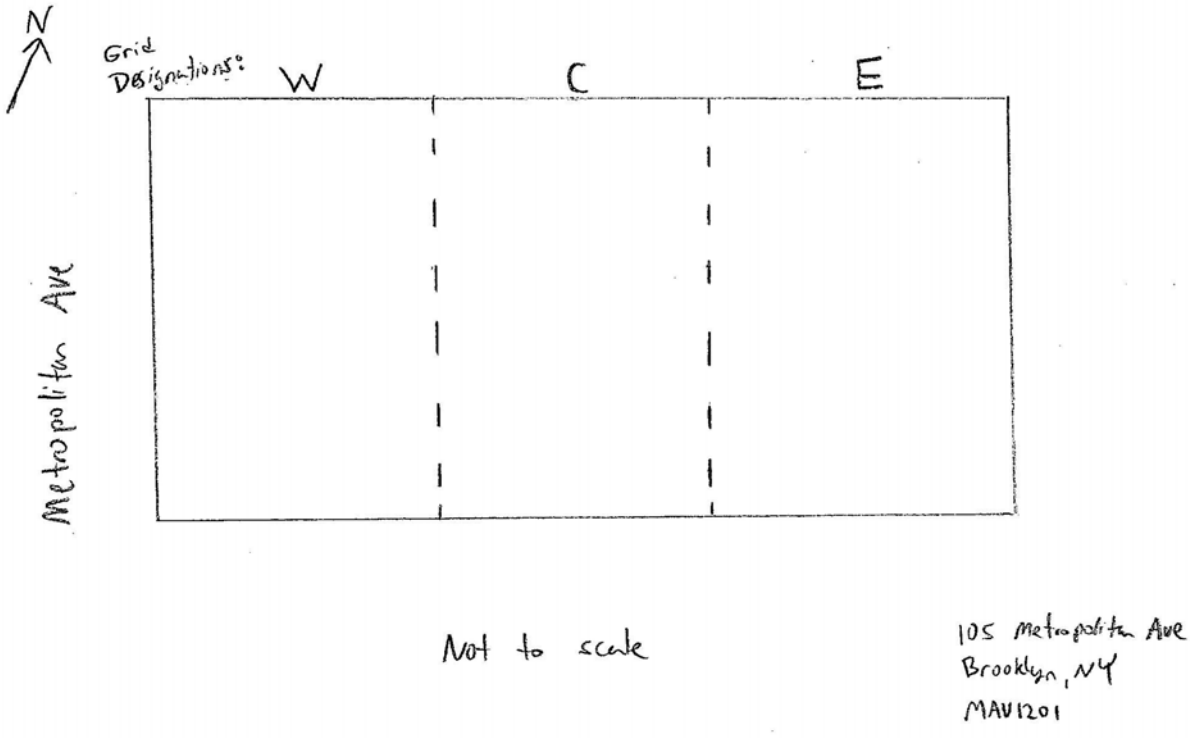
Planned Activities for Next Week:

-Begin digging for footings in the northwest corner of the site, load trucks with soil for offsite disposal.

File Name: 2012-06-20.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



File Name: 2012-06-20.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Southwest corner of the site with footing concrete boxes erected.	
Photo 2 – View of site looking east.	
Photo 3 – Southwest corner of the site before concrete pour.	

File Name: 2012-06-20.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jun 21, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Installing and inspecting vapor barrier on foundation wall on southwest wall

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

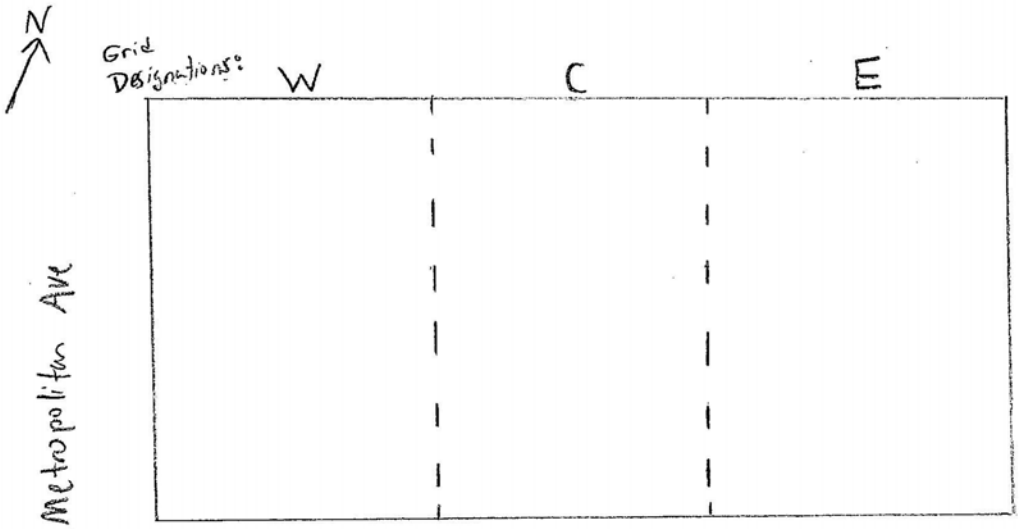
-Begin digging for footings in the northwest corner of the site, load trucks with soil for offsite disposal.

File Name: 2012-06-21.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-06-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Installation of vapor barrier along the southwestern foundation wall.	
Photo 2 –	
Photo 3 –	

File Name: 2012-06-21.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jun 29, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Excavated soils in the northwest section of property for footings.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

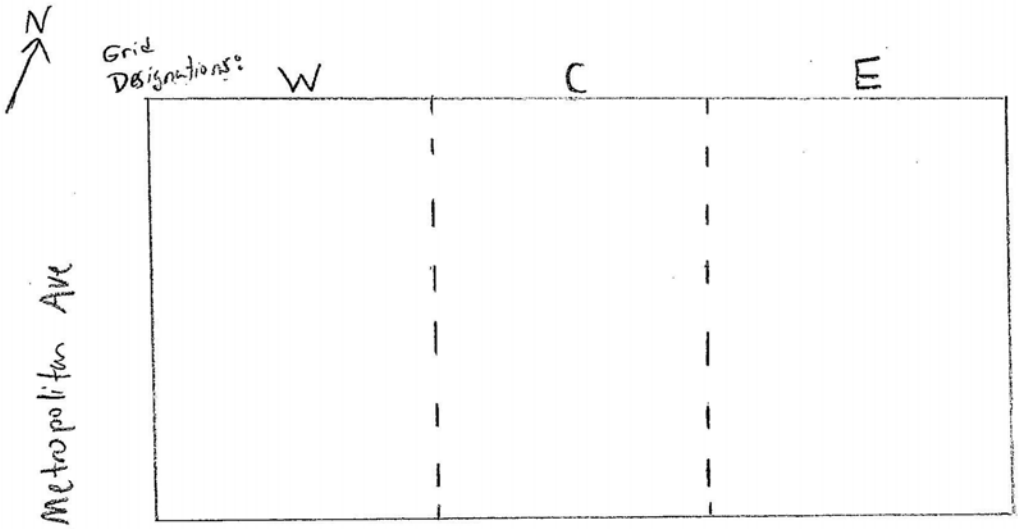
Planned Activities for Next Week:

Continue excavating for footings and foundation walls, install and inspect vapor barrier, transport soils for off-site disposal.

File Name: 2012-06-29.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map

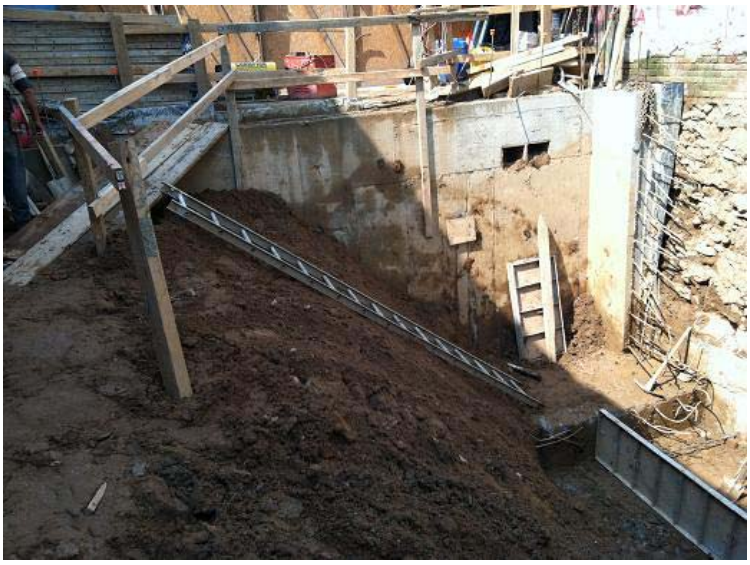


Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-06-29.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating in the northwest corner of site for footing	
Photo 2 – A view of the northwest corner of property.	
Photo 3 – Forms for concrete installed in northwest section of site.	

File Name: 2012-06-29.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 2, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- vapor barrier installation and inspection

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

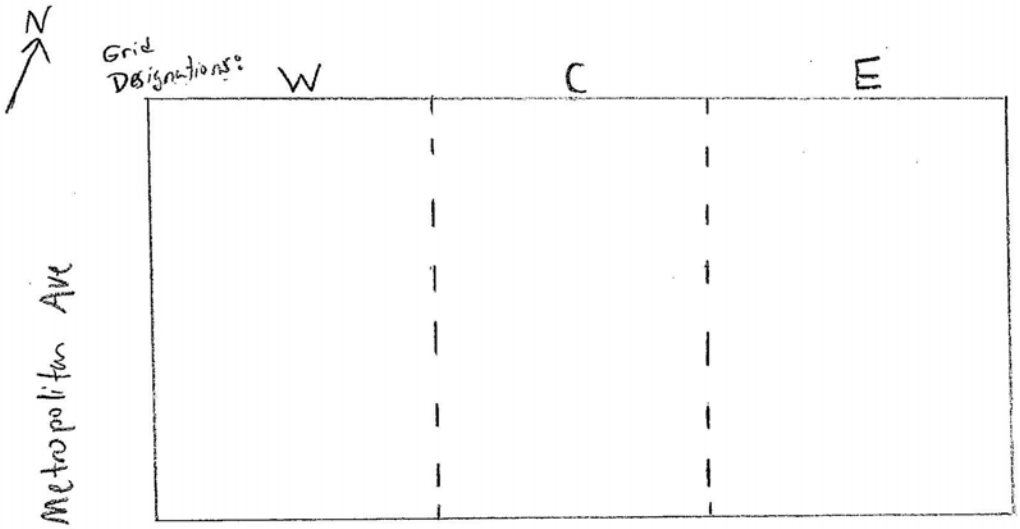
Planned Activities for Next Week:

- Continue excavating for underpinning and footings, vapor barrier installation and inspections.

File Name: 2012-07-02.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-02.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Installing the vapor barrier along the northern foundation wall in the western grid.	
Photo 2 – Installing the vapor barrier along the northern foundation wall in the western grid.	
Photo 3 – Installing the vapor barrier along the northern foundation wall in the western grid.	

File Name: 2012-07-02.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 3, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils in center grid along northern property boundary for underpinning.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

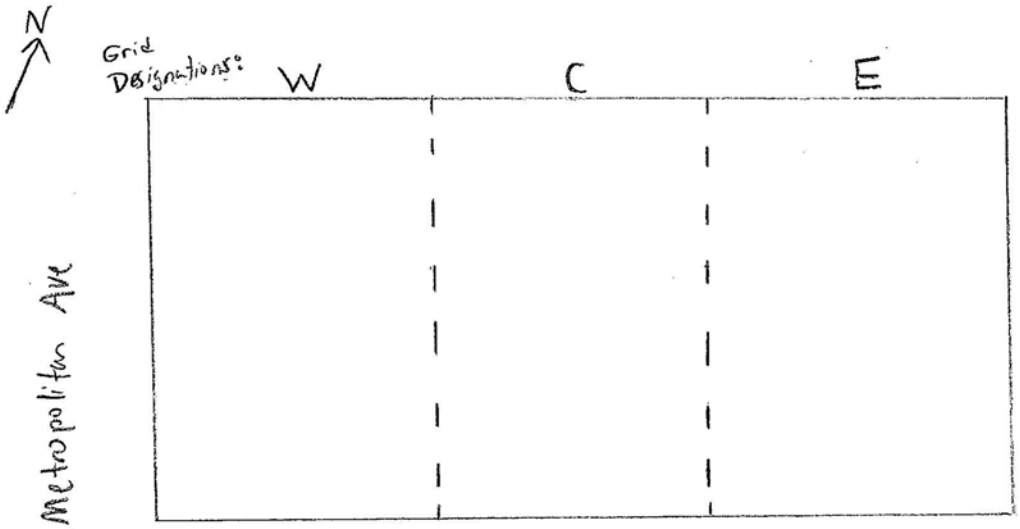
Planned Activities for Next Week:

- Continue excavating for footings and underpinning, vapor barrier installation and inspections.

File Name: 2012-07-03.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-03.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating along northern section in center grid for underpinning.	
Photo 2 – Form for concrete in place.	
Photo 3 – View of the site looking towards the east.	

File Name: 2012-07-03.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 5, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Ryan Morley
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils in the center grid along the northern and southern sides for underpinning and footings.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

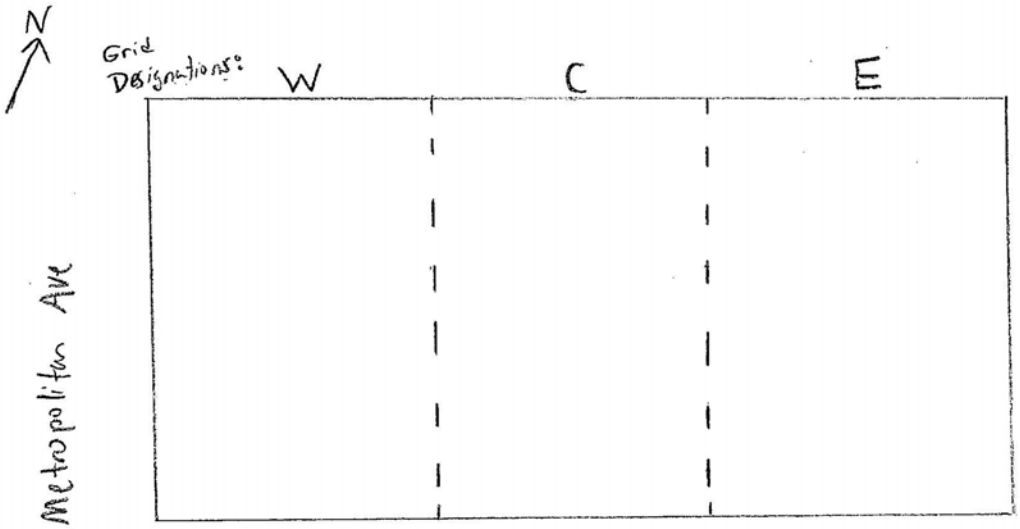
Planned Activities for Next Week:

- Continue excavating for footings and underpinning, vapor barrier installation and inspections.

File Name: 2012-07-05.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-05.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating on the northern side of the center grid.	
Photo 2 – Excavating on the southern side of center grid.	
Photo 3 – Looking towards the east.	

File Name: 2012-07-05.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 9, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Eric Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Vapor barrier installation and inspection.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

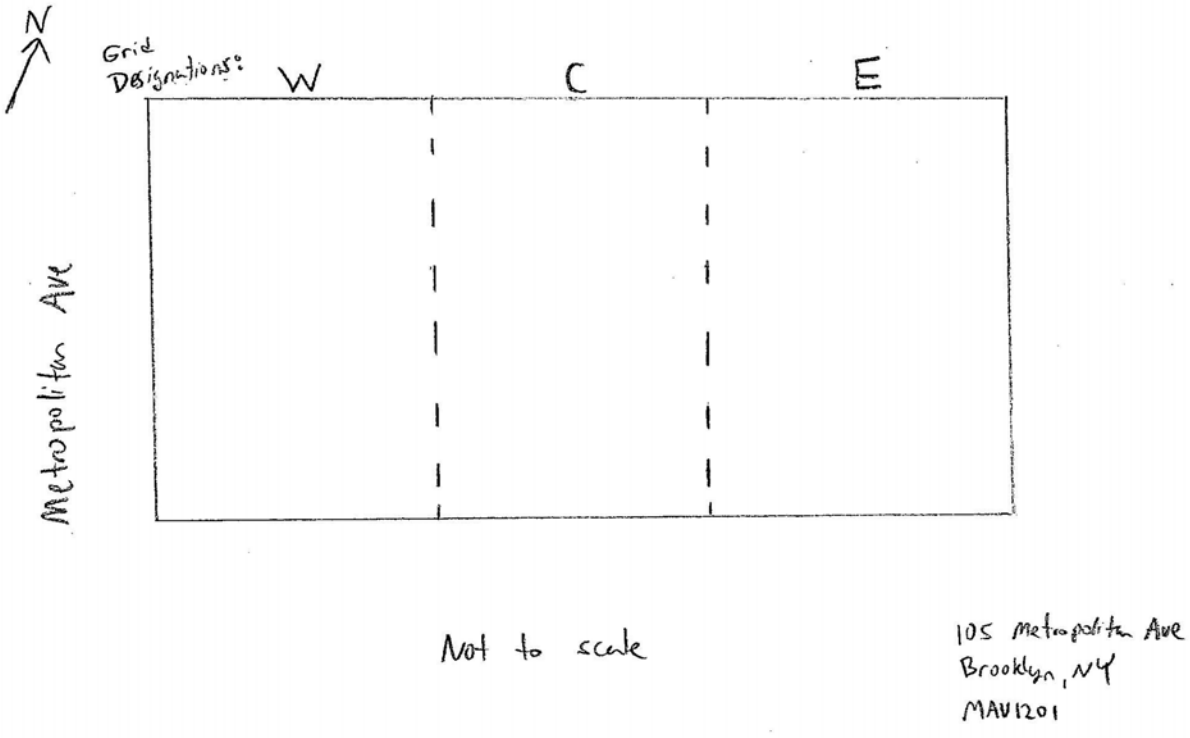
Planned Activities for Next Week:

- Continue excavating for underpinning and footings.

File Name: 2012-07-09.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



File Name: 2012-07-09.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Vapor barrier installation along the southern property boundary in the center grid.	
Photo 2 – Vapor barrier installation along the southern property boundary in the center grid.	
Photo 3 – Vapor barrier installation along the southern property boundary in the center grid. Looking towards the east.	

File Name: 2012-07-09.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 11, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils for underpinning along the northern property boundary in the center grid.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

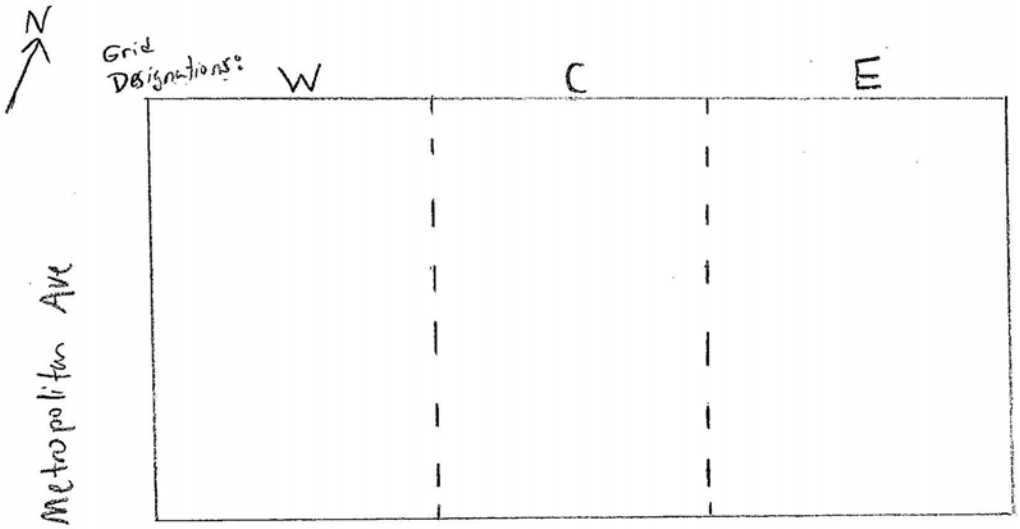
Planned Activities for Next Week:

- Continue excavating for underpinning and footings.

File Name: 2012-07-11.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map

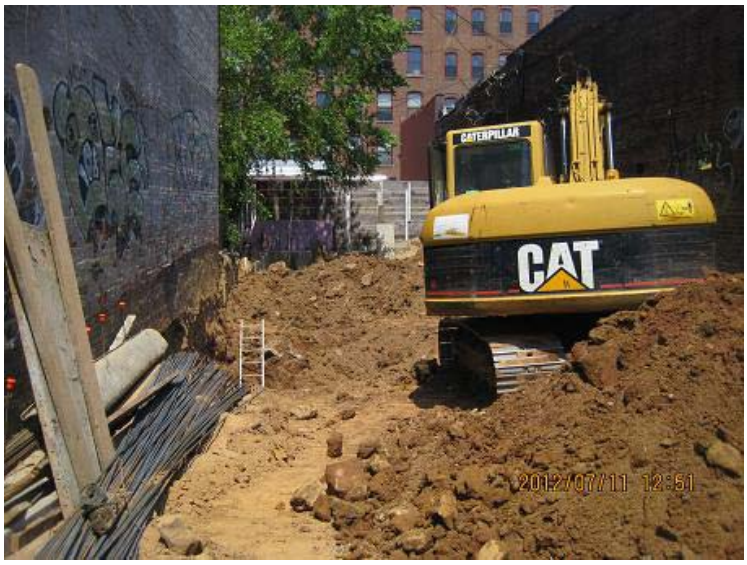


Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-11.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – View of the northern property boundary, looking towards the west.	
Photo 2 – Excavating for underpinning along northern property boundary in center grid.	
Photo 3 – Excavating for underpinning along northern property boundary in center grid. View of the site looking east.	

File Name: 2012-07-11.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 3, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Amanda Racaniello
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils for underpinning along the northern property boundary in the center grid.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

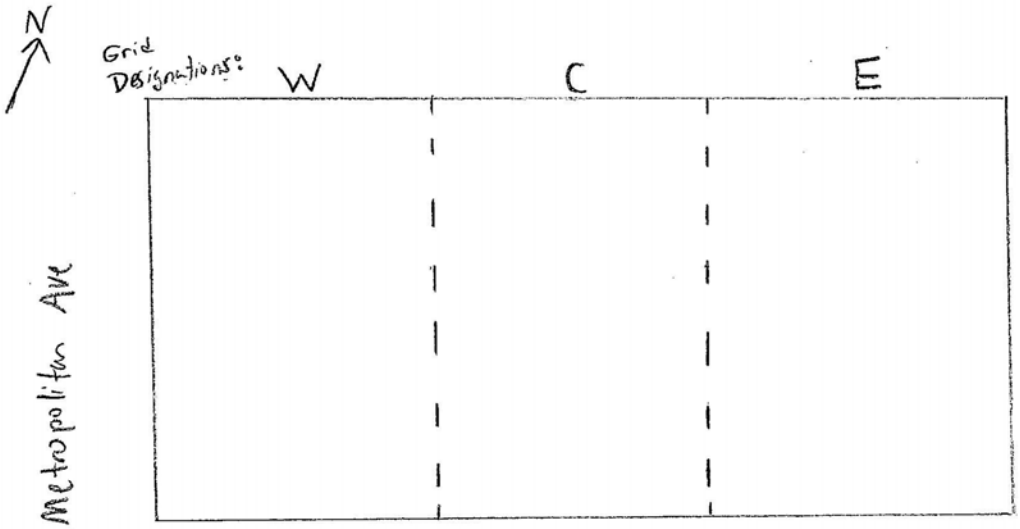
Planned Activities for Next Week:

- Continue excavating for underpinning and footings.

File Name: 2012-07-12.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-12.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for underpinning along northern property line in central grid. Looking towards the east.	
Photo 2 – Excavating for underpinning along northern property line in central grid. Looking towards the west.	
Photo 3 – Excavating for underpinning along northern property line in central grid. Looking towards the east.	

File Name: 2012-07-12.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 13, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils for underpinning and footings along the northern property boundary in the center grid.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

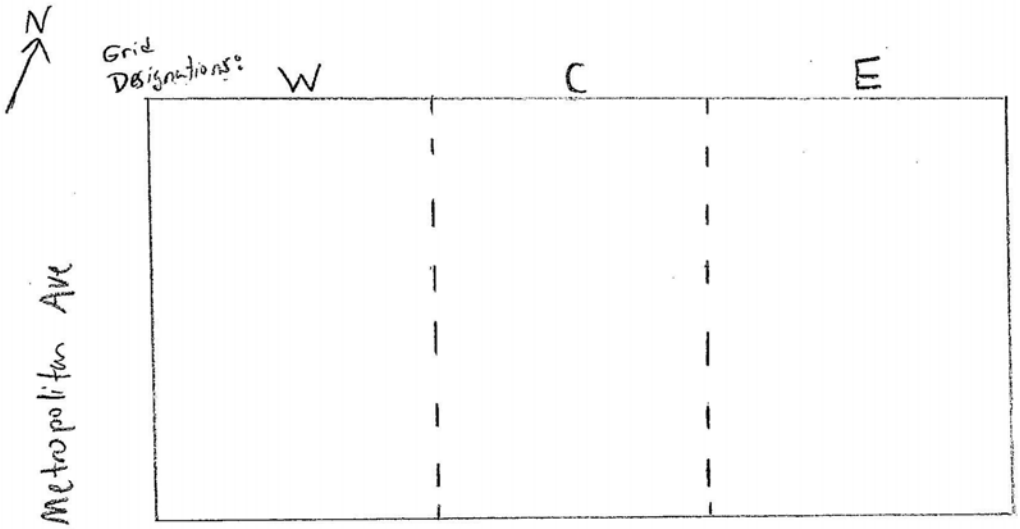
Planned Activities for Next Week:

- Continue excavating for underpinning and footings.

File Name: 2012-07-13.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today. Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-13.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils along northern property boundary in central grid. Looking towards the east.	
Photo 2 – Excavating soils along northern property boundary in central grid. Looking towards the east.	
Photo 3 – Excavating soils along northern property boundary in central grid. Looking towards the west.	

File Name: 2012-07-13.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 16, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Excavated soils for footing on north side of the property.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

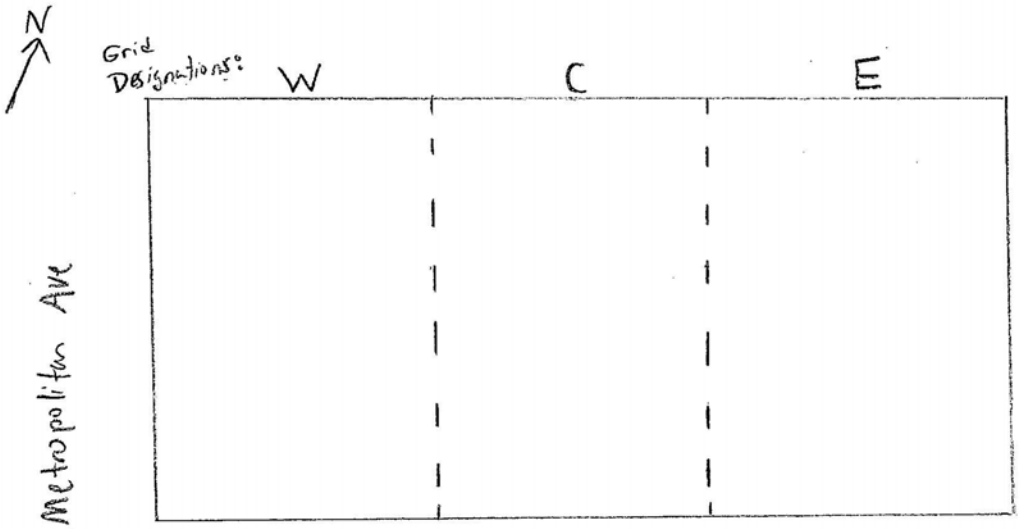
Planned Activities for Next Week:

- Continue excavating for footings and foundation wall installation and installation and inspection of vapor barrier.

File Name: 2012-07-16.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-16.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the site looking towards the east.	
Photo 2 – A view of the site looking towards the east. Excavating for a footing along the northern side of the property.	
Photo 3 – Area that is being excavated for the footing installation.	

File Name: 2012-07-16.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 18, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

- Vapor barrier installation and inspection

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

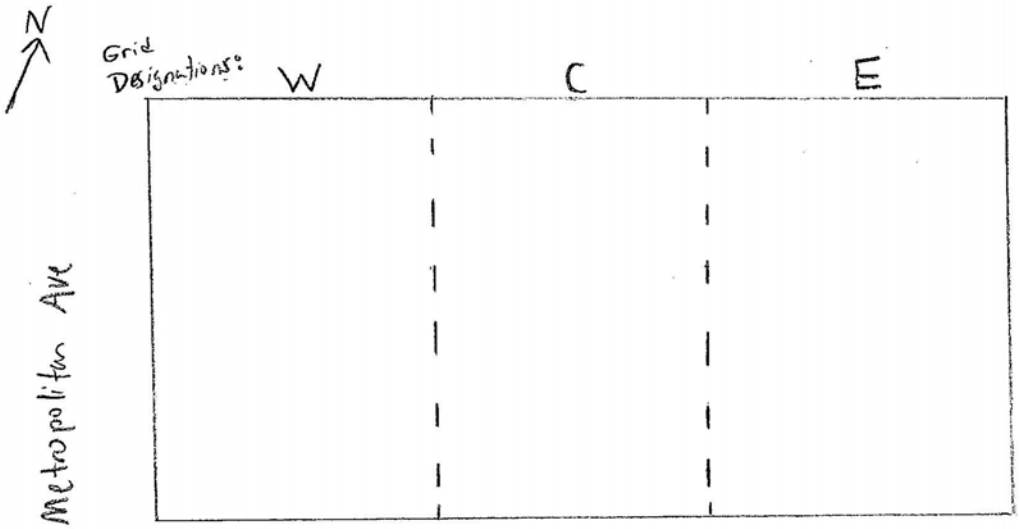
Planned Activities for Next Week:

- Continue excavating for footings and foundation wall installation and installation and inspection of vapor barrier.

File Name: 2012-07-16.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-16.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Grace Ice and Water Shield vapor barrier installed along the northern property boundary.	
Photo 2 – Vapor barrier seams are self sealing. Where the barrier connects to a footing, the vapor barrier is sealed with a Grace liquid bituthene membrane.	
Photo 3 – A view of the site, looking towards the east, the vapor barrier is installed on the north side of the property.	

File Name: 2012-07-16.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 23, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Excavating for footing in northern section of property.

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

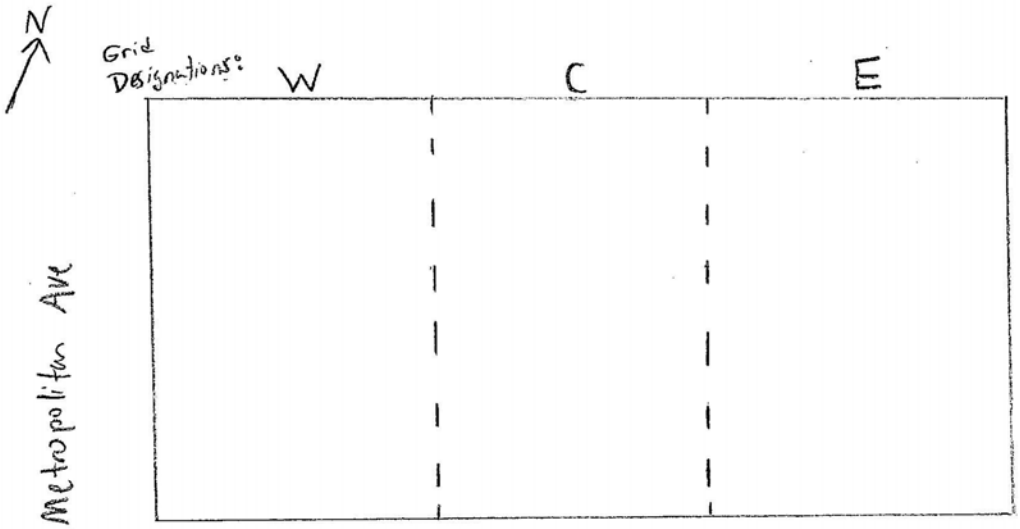
Planned Activities for Next Week:

Continue excavating for footings, truck soil off-site

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating for footing on northern side of property. Looking towards the east.	
Photo 2 – Excavating for footing on northern side of property. Looking towards the west	
Photo 3 – Footing along northern side of property.	

File Name: 2012-07-23.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 25, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection

Working In Grid #: Center

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

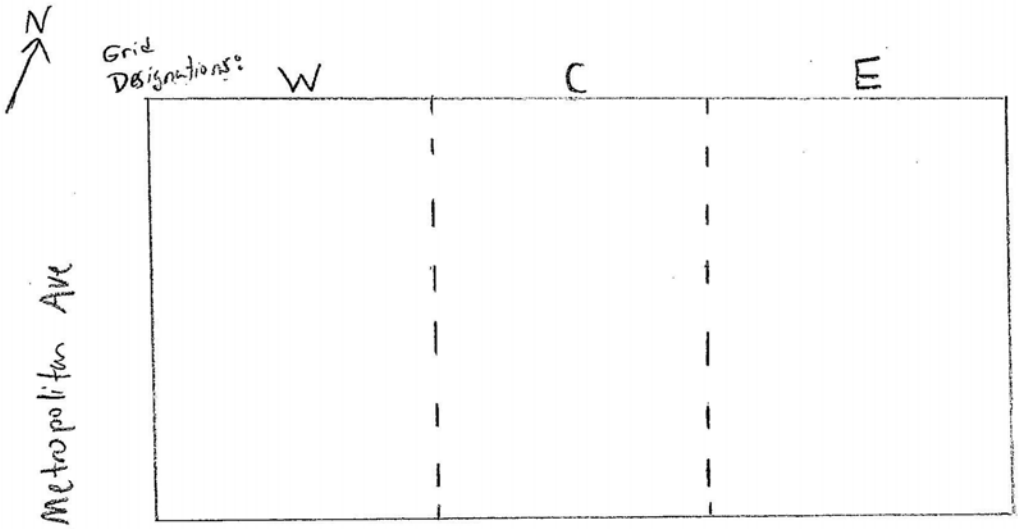
Planned Activities for Next Week:

Continue excavating for footings, truck soil off-site

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	12	240							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Vapor barrier installation along northern foundation wall.	
Photo 2 – Vapor barrier installation along northern foundation wall.	
Photo 3 – Vapor barrier installation along northern foundation wall. Looking towards the east.	

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 26, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Loading tri-axle dump trucks with soils from eastern portion of site.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

Planned Activities for Next Week:

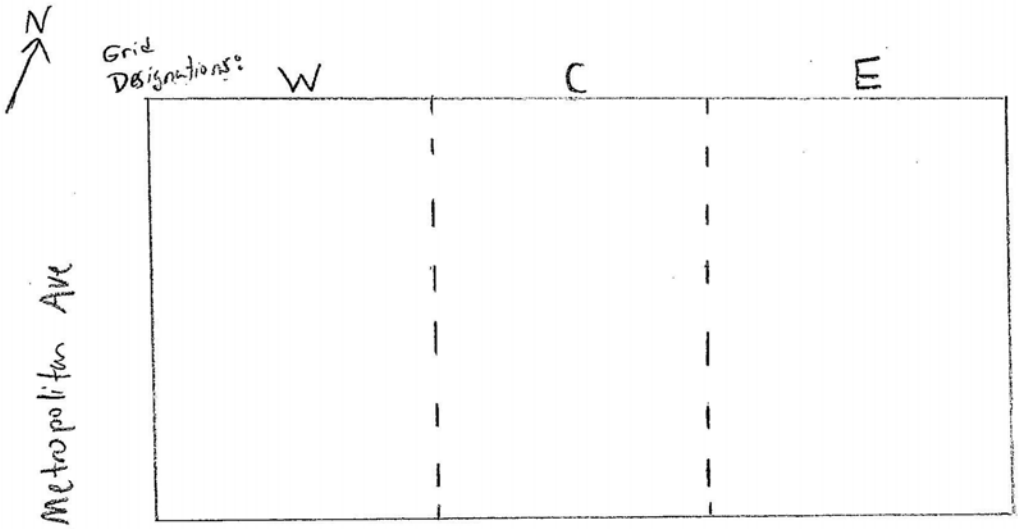
Continue excavating for footings, truck soil off-site

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	13	260							5	120
Totals (trucks, cu.yds.)	25	500							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils from eastern portion of site are getting loaded into tri-axle dump trucks.	
Photo 2 – A view of the site looking towards the east.	
Photo 3 – Eastern portion of the site.	

 File Name: 2012-07-23.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	April 3, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Excavating soils in eastern section to final grade.

Working In Grid #: East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded

Problems Encountered:

No problems encountered

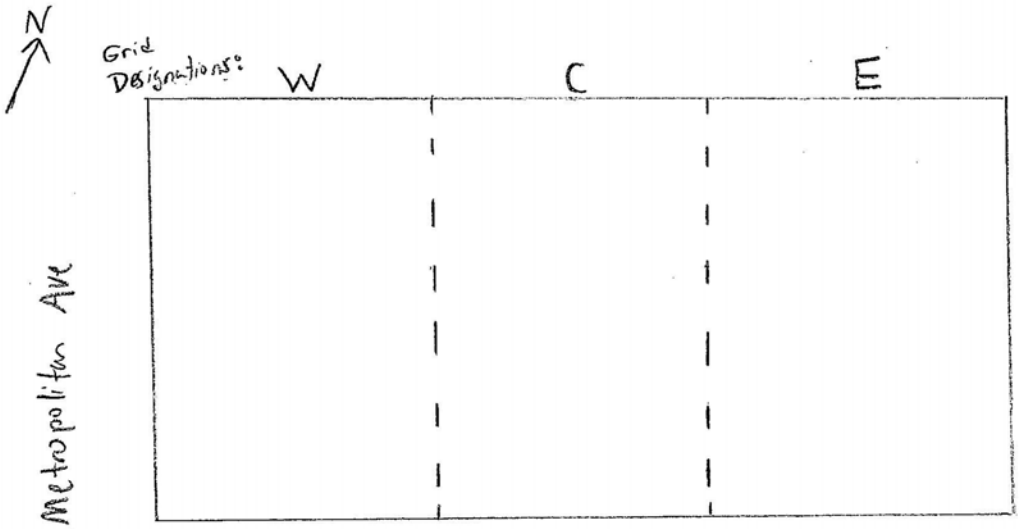
Planned Activities for Next Week:

Continue excavating for footings, truck soil off-site

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	No soil removal today Solid		Solid		Solid		Liquid		###### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	25	500							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-07-23.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Excavating soils to final grade on eastern side of excavation. Looking towards the east.	
Photo 2 – Removing wood forms used for shoring.	
Photo 3 – Removing wood forms used for shoring. Looking towards the east.	

File Name: 2012-07-23.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 1, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Loading tri-axle dump trucks with soils from eastern, center, and part of western portions of site.

Working In Grid #: East, Center, West

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

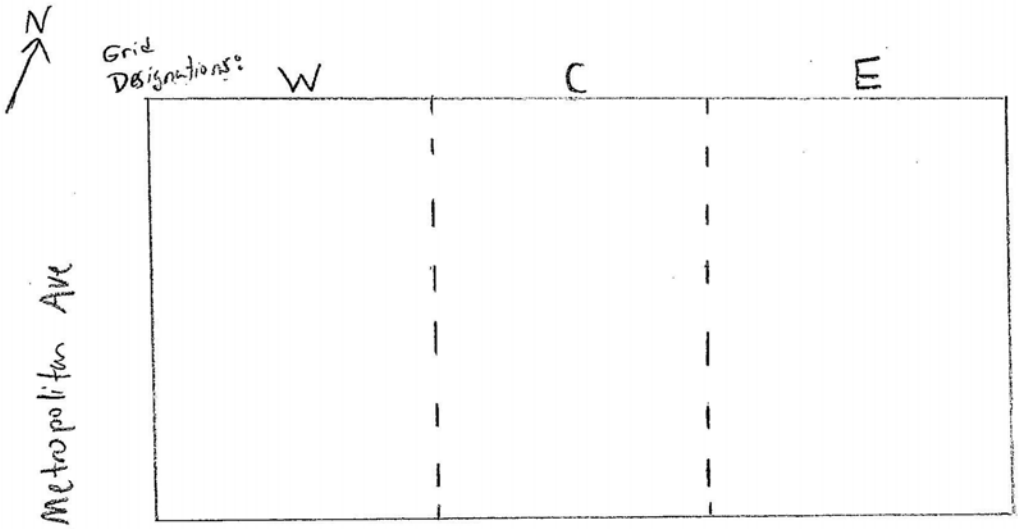
Load soil into tri-axle dump trucks for off-site disposal.

File Name: 2012-08-01.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	25	500							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-08-01.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Loading soils into tri-axle dump trucks.	
Photo 2 – A view of the site looking towards the east. Soils from the eastern and center sections have been removed and part of the soils from the western section.	
Photo 3 – A view of the site looking towards the east. Soils remaining at grade are in the western section of the site.	

File Name: 2012-08-01.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 2, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Collecting endpoint samples.

Working In Grid #: West, Center, East

Samples Collected (Since Last Report):

Collected two endpoint samples and QA/QC samples.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

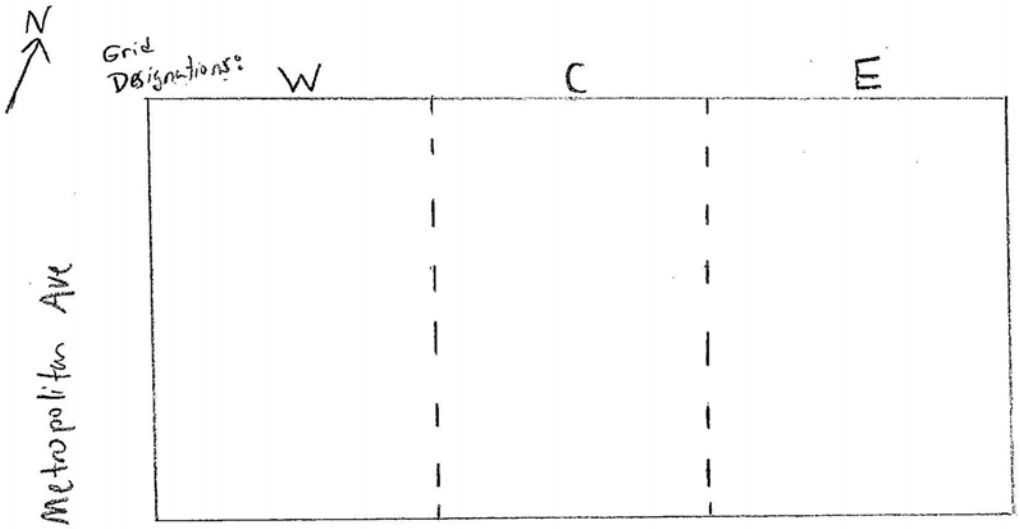
Load soil into tri-axle dump trucks for off-site disposal.

File Name: 2012-08-02.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	25	500							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-08-02.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – No photos were taken as remedial activities were not performed.	
Photo 2 –	
Photo 3 –	

File Name: 2012-08-02.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 9, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Loading soil into tri-axle dump trucks.

Working In Grid #: West, Center, East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

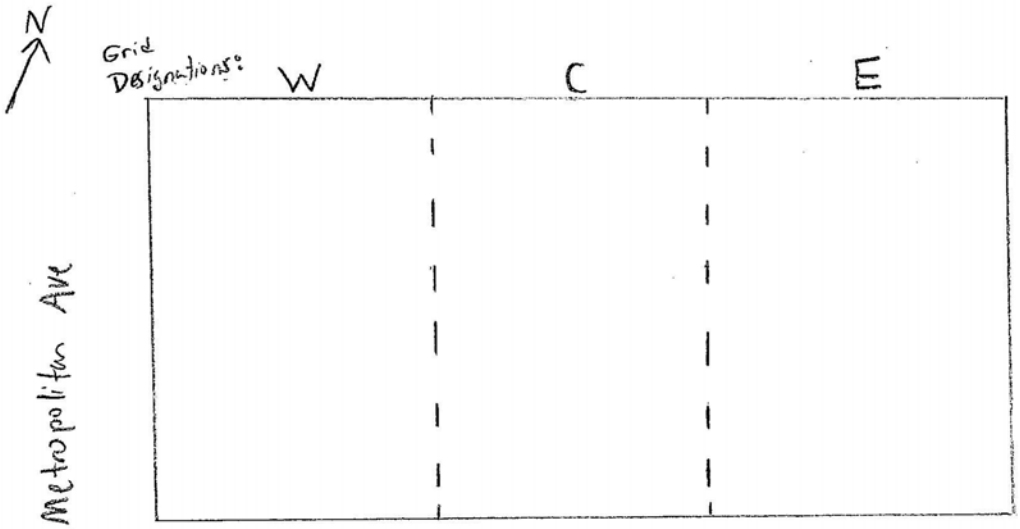
Non-remedial activities, such as plumbing work.

File Name: 2012-08-09.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	8	160							5	120
Totals (trucks, cu.yds.)	33	660							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-08-09.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – Soils from the eastern, central, and western sections of the site were loaded into trucks for off-site disposal.	
Photo 2 – Soil is loaded into tri-axle dump trucks.	
Photo 3 – All soils from the eastern and central sections have been loaded, some soil still remains in the western section.	

File Name: 2012-08-09.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 10, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Loading soil into tri-axle dump trucks.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

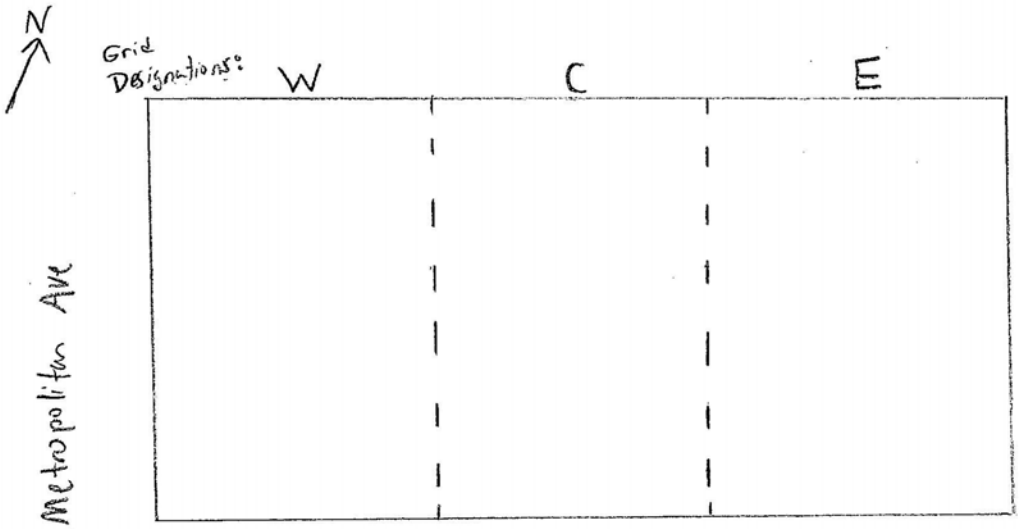
Non-remedial activities, such as plumbing work.

File Name: 2012-08-10.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	6	110							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-08-10.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the basement looking towards the east.	
Photo 2 – A view of the basement looking towards the east. Loading soils from the western section of the site.	
Photo 3 – A view of the basement after all soil has been loaded out. Looking towards the east.	

File Name: 2012-08-10.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 15, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Kristen Rubino
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Collecting endpoint samples.

Working In Grid #: West, Center, East

Samples Collected (Since Last Report):

Re-collected previous two endpoint samples, two deeper endpoint samples, and QA/QC samples.

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

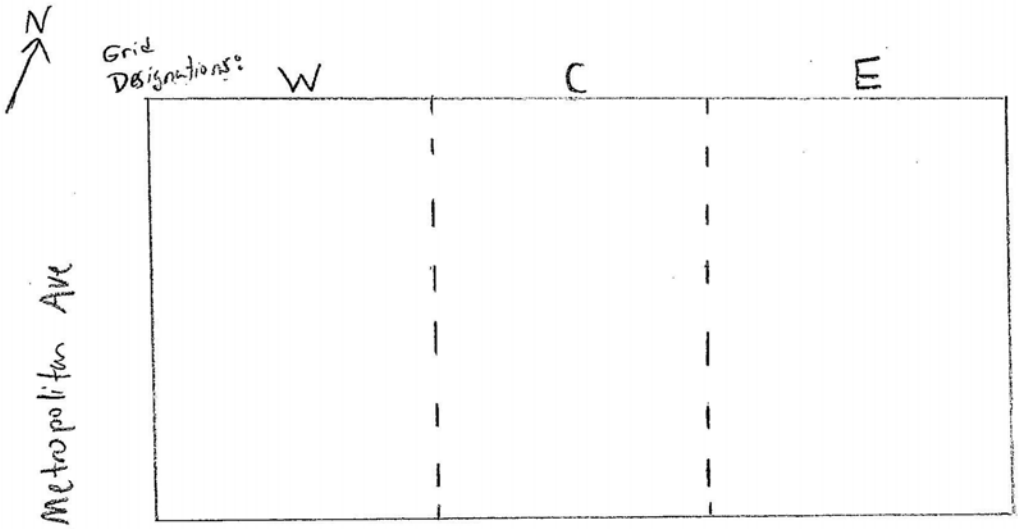
No remedial activities for next week.

File Name: 2012-08-15.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2012-08-15.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – No photos were taken as remedial activities were not performed.	
Photo 2 –	
Photo 3 –	

File Name: 2012-08-15.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☒	50-70	☐	70-85	☐	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Nov 20, 2012
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

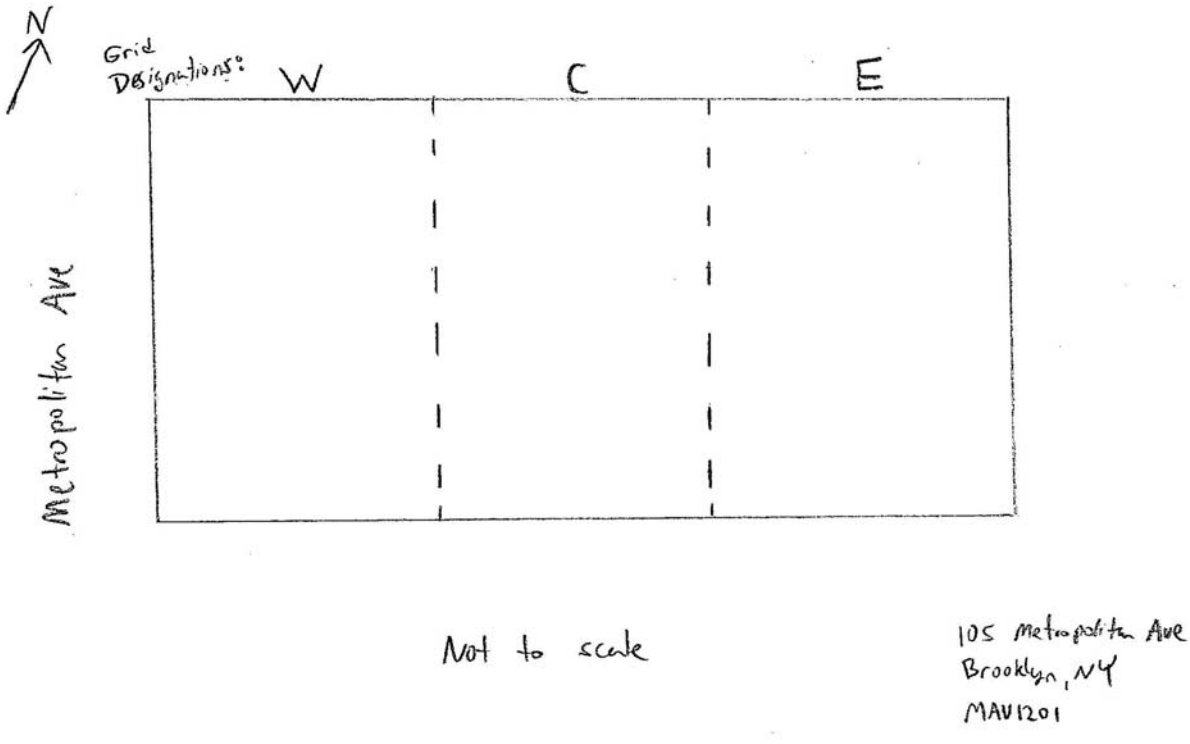
Continue vapor barrier installation.
Non-remedial activities, such as plumbing work.

File Name: 2012-11-20.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



File Name: 2012-11-20.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A portion of the installed masonry wall was removed so that the vapor barrier could be installed beneath it.	
Photo 2 – A view of the vapor barrier installation in the basement beneath the masonry wall. Following installation of the vapor barrier, concrete will be poured back in sections where the brick was removed.	
Photo 3 – A view of the decking for the first floor. Looking towards the east.	

File Name: 2012-11-20.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jun 21, 2013
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Erik Dee-Olsen
Contractor:	
Adam's Concrete Foundation	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection

Working In Grid #: center

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

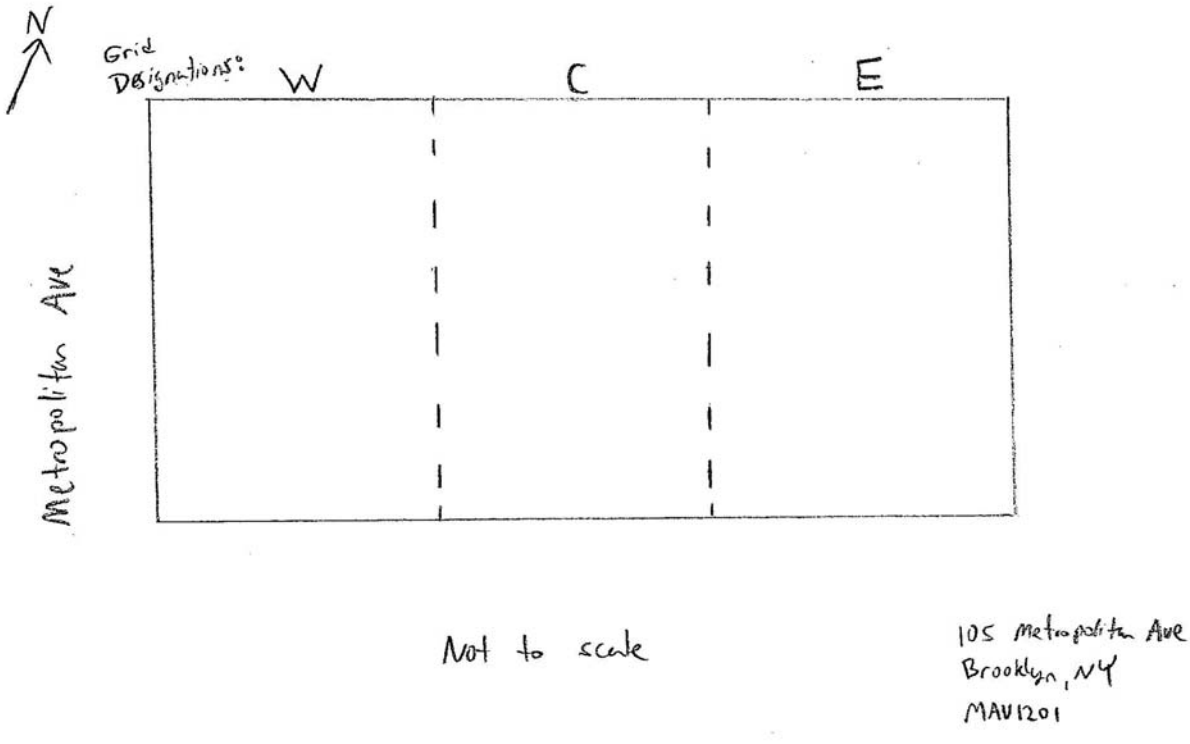
Non-remedial activities, such as plumbing work and masonry.

File Name: 2013-06-21.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



File Name: 2013-06-21.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the basement looking towards the west. Vapor barrier was installed and inspected beneath proposed building walls.	
Photo 2 – A close-up view of the proposed wall footprint. This area is located near the center of the site.	
Photo 3 – Penetrations in the vapor barrier were sealed with liquid bituthene and/or manufacturer's supplied tape.	

File Name: 2013-06-21.11CBCP013K. Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 9, 2013
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Boss Associates	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection. Most of bottom slab vapor barrier has now been installed and inspected.

Working In Grid #: West, Center, East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

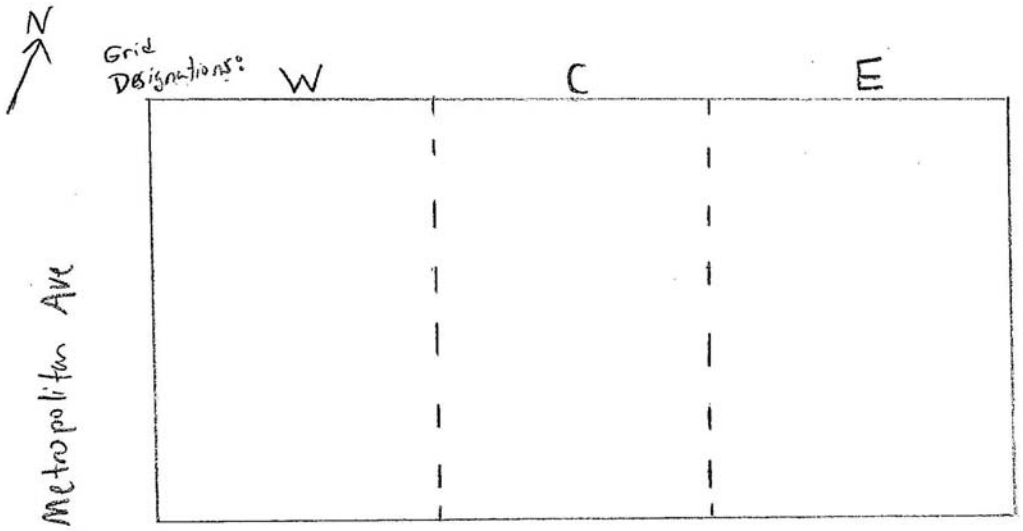
Planned Activities for Next Week:

Continue vapor barrier installation and inspections.

File Name: 2013-07-09.11CBCP013K.Daily_Report.pdf

	Example:									
Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAN1201

File Name: 2013-07-09.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the vapor barrier installation which will be overlain by the basement slab. Florprufe 120 was installed. Looking towards Metropolitan Ave.	
Photo 2 – Protrusions through the vapor barrier were sealed with liquid bituthene and/ or manufacturer's supplied tape.	
Photo 3 – Protrusions through the vapor barrier were sealed with liquid bituthene and/ or manufacturer's supplied tape.	

File Name: 2013-07-09.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Jul 15, 2013
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Boss Associates	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection. Bottom slab vapor barrier has now been installed and inspected.

Working In Grid #: West, Center, East

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

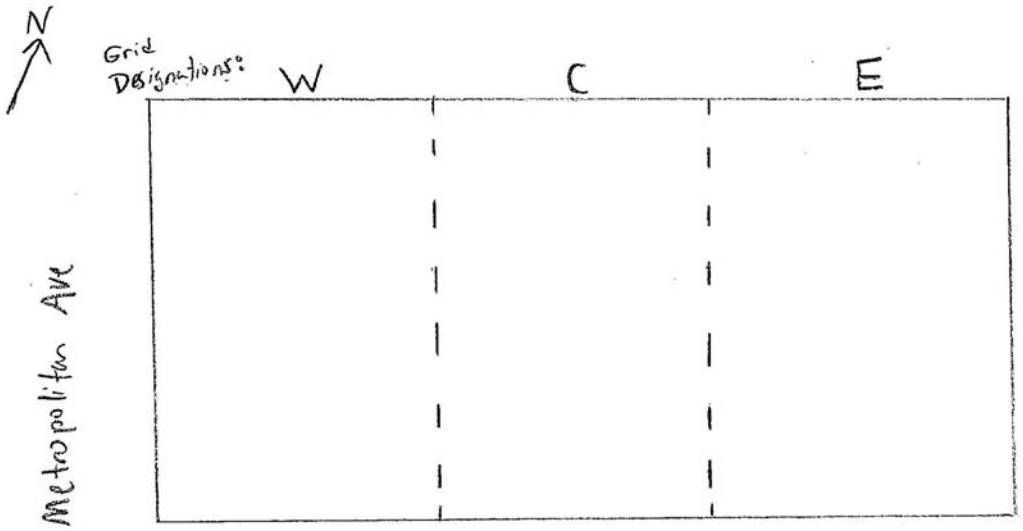
Application of Stamp Seal ST OTC sealant in passenger elevator.

File Name: 2013-07-15.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



Not to scale

105 Metropolitan Ave
Brooklyn, NY
MAV1201

File Name: 2013-07-15.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the vapor barrier installation which will be overlain by the basement slab. Florprufe 120 was installed. Looking towards the east. The vapor barrier installed in the automobile lift is overlapping previously installed Florprufe 120 and seams are sealed with manufacturer's supplied tape.	
Photo 2 – Installation of Florprufe 120 in the room adjacent to the passenger elevator to the east. Seams were sealed with manufacturer's supplied tape.	
Photo 3 – Finished installation of vapor barrier beneath the foundation wall between the passenger elevator and adjacent room to the east. Seams were sealed with manufacturer supplied tape.	

File Name: 2013-07-15.11CBCP013K.Daily_Report.pdf

DAILY STATUS REPORT

Prepared By: Jennifer Lewis

WEATHER	Snow	☐	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	11CBCP013K	E-Number:	11EHAZ309K	Date:	Aug 1, 2013
Project Name:	105 Metropolitan Avenue				

Consultant:	Safety Officer:
P. W. Grosser Consulting	Jennifer Lewis
Contractor:	
Boss Associates	

Work Activities Performed (Since Last Report):

Vapor barrier installation and inspection. Inspected passenger elevator lift. All vapor barrier installed and site is capped.

Working In Grid #: West

Samples Collected (Since Last Report):

No samples collected

Air Monitoring (Since Last Report):

No limits exceeded.

Problems Encountered:

No problems encountered.

Planned Activities for Next Week:

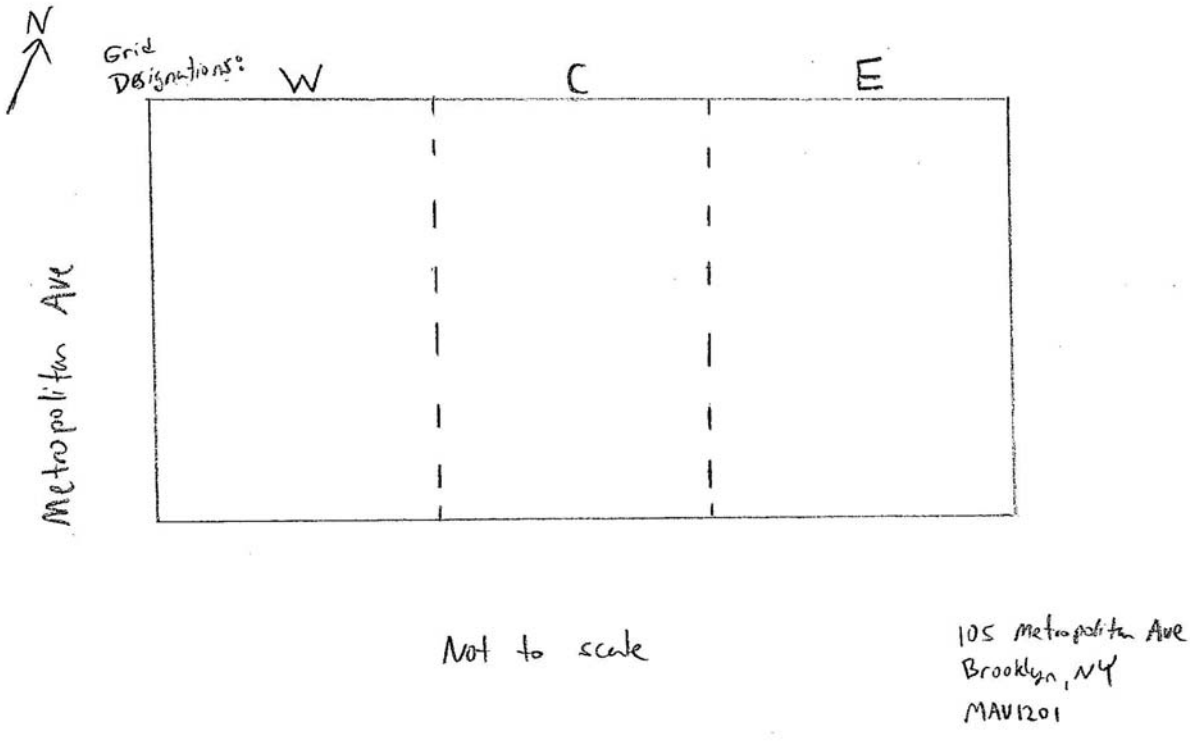
No further remedial activities are anticipated.

File Name: 2013-08-01.11CBCP013K.Daily_Report.pdf

Example:

Facility # Name/ location type of waste	#132310 Clean Earth Cartaret, NJ Urban Fill Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	0	0							5	120
Totals (trucks, cu.yds.)	39	770							25	600

Site Grid Map



File Name: 2013-08-01.11CBCP013K.Daily_Report.pdf

Photo Log

Photo 1 – A view of the vapor barrier installation in the passenger elevator pit. Liquid bituthene was installed along the bottom of the elevator pit and along the north and west walls. The east and south walls were previously protected with the Grace Ice & Water Shield vapor barrier installed on the exterior of the foundation walls.	
Photo 2 – A view of the automobile lift. The entire site has been capped with concrete.	
Photo 3 – The entire site has been capped with concrete.	

File Name: 2013-08-01.11CBCP013K.Daily_Report.pdf

APPENDIX B

PHOTO LOG

A view of the site looking towards the west. Site conditions before construction began.

The two neighboring properties to the north and south of the subject property were underpinned for structural stability during on-site excavation to 12 feet below grade.

A small section of soil along the southwest property boundary exhibited a petroleum odor and elevated PID response. The soil was placed on double layers of poly sheeting and covered pending off-site disposal.

Grace Ice and Water Shield was installed along the foundation walls and inspected by a PWGC engineer.

Soils were loaded directly loaded into tri-axle dump trucks for off-site disposal at Clean Earth of Carteret in New Jersey.

Grace Ice and Water Shield vapor barrier was installed along the exterior of the foundation walls prior to the pouring of the concrete.

A view of the site looking towards the north. Excavation has been completed and the vapor barrier installation on the exterior of the foundation walls has been completed.

Some interior walls were installed directly on footings prior to the installation of the Florprufe 120 vapor barrier. To remedy this, bottoms of the walls were removed in sections to allow for the installation of the vapor barrier. These sections overlapped with the vapor barrier installed on the basement slab and were sealed with manufacturer's supplied tape and/or liquid bituthene.

Florprufe 120 vapor barrier was installed at the bottom of the excavation. Protrusions through the vapor barrier were sealed with manufacturer's supplied tape and/or liquid bituthene. Edges of the vapor barrier overlapped and were sealed with manufacturer's supplied tape.

Application of the Liquid Bituthene sealant in the passenger elevator pit. The sealant was installed on the north and west walls which and on the base of the pit.

A view of the basement following pouring of the concrete slab. The entire site is now capped with concrete.

APPENDIX C

LABORATORY ANALYTICAL SHEETS

ANALYTICAL REPORT

Lab Number:	L1213972
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	MAV1201
Project Number:	MAV1201
Report Date:	08/13/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1213972-01	EP003	105 METROPOLITAN AVE.	08/02/12 14:10
L1213972-02	EP004	105 METROPOLITAN AVE.	08/02/12 14:20
L1213972-03	EP002	105 METROPOLITAN AVE.	08/02/12 14:45
L1213972-04	FIELD BLANK	105 METROPOLITAN AVE.	08/02/12 13:50
L1213972-05	TRIP BLANK	105 METROPOLITAN AVE.	08/02/12 00:00

Project Name: MAV1201 **Lab Number:** L1213972
Project Number: MAV1201 **Report Date:** 08/13/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	MAV1201	**Lab Number:**	L1213972
Project Number:	MAV1201	**Report Date:**	08/13/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1213972-05: The Trip Blank has a result for Acetone present above the method detection limit. The sample vial was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG553787-4/-5 MS/MSD recoveries, performed on L1213972-01, were below the acceptance criteria for Trichlorofluoromethane (59%/58%) and Vinyl acetate (66%/64%).

Metals

L1213972-01, -02, and -03 have elevated detection limits for all analytes, except Mercury, due to the dilutions required by matrix interferences encountered during analysis.

The WG553351-1 Method Blank, associated with L1213972-01, -02, and -03, has a concentration above the reporting limit for Iron. Since the associated sample concentrations are greater than 10x the Method Blank concentration for this analyte, no qualification of the results was performed.

The WG553351-3/-4 MS/MSD recoveries for Aluminum (808%/1040%), Iron (0%/2310%), and Manganese (69%/185%), performed on L1213972-01, do not apply because the sample concentration is greater than four times the spike amount added.

The WG553351-3/-4 MS/MSD recoveries, performed on L1213972-01, are outside the acceptance criteria for Antimony (44%/49%), Lead (MSD at 50%), Magnesium (MSD at 139%) and Potassium (MSD at 139%). A post digestion spike was performed with acceptable recoveries for Antimony (87%), Lead (87%), Magnesium (83%), and Potassium (100%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Elizabeth Simmons

Title: Technical Director/Representative Date: 08/13/12

ORGANICS

VOLATILES

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-01
Client ID: EP003
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/12 13:57
Analyst: BN
Percent Solids: 88%

Date Collected: 08/02/12 14:10
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	21	J	ug/kg	28	5.7	1
1,1-Dichloroethane	ND		ug/kg	4.3	0.84	1
Chloroform	ND		ug/kg	4.3	0.92	1
Carbon tetrachloride	ND		ug/kg	2.8	0.60	1
1,2-Dichloropropane	ND		ug/kg	9.9	0.72	1
Dibromochloromethane	ND		ug/kg	2.8	0.87	1
1,1,2-Trichloroethane	ND		ug/kg	4.3	1.1	1
Tetrachloroethene	ND		ug/kg	2.8	0.87	1
Chlorobenzene	ND		ug/kg	2.8	0.53	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.65	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.77	1
Bromodichloromethane	ND		ug/kg	2.8	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.85	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	0.76	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	0.68	1
Benzene	ND		ug/kg	2.8	0.84	1
Toluene	ND		ug/kg	4.3	0.69	1
Ethylbenzene	ND		ug/kg	2.8	0.63	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.7	1.8	1
Vinyl chloride	ND		ug/kg	5.7	2.1	1
Chloroethane	ND		ug/kg	5.7	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.74	1
trans-1,2-Dichloroethene	ND		ug/kg	4.3	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.64	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-01 Date Collected: 08/02/12 14:10

Client ID: EP003 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.7	1.4	1
p/m-Xylene	ND		ug/kg	5.7	1.2	1
o-Xylene	ND		ug/kg	5.7	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.86	1
Dibromomethane	ND		ug/kg	28	1.2	1
Styrene	ND		ug/kg	5.7	2.1	1
Dichlorodifluoromethane	ND		ug/kg	28	1.1	1
Acetone	ND		ug/kg	28	9.2	1
Carbon disulfide	ND		ug/kg	28	1.1	1
2-Butanone	ND		ug/kg	28	11.	1
Vinyl acetate	ND		ug/kg	28	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	28	1.1	1
2-Hexanone	ND		ug/kg	28	1.1	1
Bromochloromethane	ND		ug/kg	14	0.86	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.2	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	0.93	1
Bromobenzene	ND		ug/kg	14	0.62	1
n-Butylbenzene	ND		ug/kg	2.8	0.89	1
sec-Butylbenzene	ND		ug/kg	2.8	0.78	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
o-Chlorotoluene	ND		ug/kg	14	0.89	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.4	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.8	0.50	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.78	1
Naphthalene	ND		ug/kg	14	2.2	1
Acrylonitrile	ND		ug/kg	28	1.1	1
n-Propylbenzene	ND		ug/kg	2.8	0.81	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Diethylbenzene	ND		ug/kg	11	0.57	1
4-Ethyltoluene	ND		ug/kg	11	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.51	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-01 Date Collected: 08/02/12 14:10

Client ID: EP003 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-02
Client ID: EP004
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/12 15:19
Analyst: BN
Percent Solids: 86%

Date Collected: 08/02/12 14:20
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	12	J	ug/kg	29	5.8	1
1,1-Dichloroethane	ND		ug/kg	4.4	0.86	1
Chloroform	ND		ug/kg	4.4	0.94	1
Carbon tetrachloride	ND		ug/kg	2.9	0.61	1
1,2-Dichloropropane	ND		ug/kg	10	0.74	1
Dibromochloromethane	ND		ug/kg	2.9	0.89	1
1,1,2-Trichloroethane	ND		ug/kg	4.4	1.1	1
Tetrachloroethene	ND		ug/kg	2.9	0.89	1
Chlorobenzene	ND		ug/kg	2.9	0.54	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.9	0.66	1
1,1,1-Trichloroethane	ND		ug/kg	2.9	0.78	1
Bromodichloromethane	ND		ug/kg	2.9	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.9	0.87	1
cis-1,3-Dichloropropene	ND		ug/kg	2.9	0.78	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	12	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.9	0.70	1
Benzene	ND		ug/kg	2.9	0.86	1
Toluene	ND		ug/kg	4.4	0.70	1
Ethylbenzene	ND		ug/kg	2.9	0.64	1
Chloromethane	ND		ug/kg	14	2.3	1
Bromomethane	ND		ug/kg	5.8	1.9	1
Vinyl chloride	ND		ug/kg	5.8	2.2	1
Chloroethane	ND		ug/kg	5.8	1.3	1
1,1-Dichloroethene	ND		ug/kg	2.9	0.76	1
trans-1,2-Dichloroethene	ND		ug/kg	4.4	1.1	1
Trichloroethene	ND		ug/kg	2.9	0.65	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.2	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-02 Date Collected: 08/02/12 14:20

Client ID: EP004 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.8	1.4	1
p/m-Xylene	ND		ug/kg	5.8	1.2	1
o-Xylene	ND		ug/kg	5.8	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.9	0.88	1
Dibromomethane	ND		ug/kg	29	1.3	1
Styrene	ND		ug/kg	5.8	2.1	1
Dichlorodifluoromethane	ND		ug/kg	29	1.1	1
Acetone	ND		ug/kg	29	9.4	1
Carbon disulfide	ND		ug/kg	29	1.1	1
2-Butanone	ND		ug/kg	29	11.	1
Vinyl acetate	ND		ug/kg	29	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	29	2.4	1
1,2,3-Trichloropropane	ND		ug/kg	29	1.1	1
2-Hexanone	ND		ug/kg	29	1.2	1
Bromochloromethane	ND		ug/kg	14	0.88	1
2,2-Dichloropropane	ND		ug/kg	14	2.3	1
1,2-Dibromoethane	ND		ug/kg	12	1.2	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.9	0.95	1
Bromobenzene	ND		ug/kg	14	0.64	1
n-Butylbenzene	ND		ug/kg	2.9	0.91	1
sec-Butylbenzene	ND		ug/kg	2.9	0.80	1
tert-Butylbenzene	ND		ug/kg	14	1.8	1
o-Chlorotoluene	ND		ug/kg	14	0.91	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.4	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.9	0.51	1
p-Isopropyltoluene	ND		ug/kg	2.9	0.79	1
Naphthalene	ND		ug/kg	14	2.2	1
Acrylonitrile	ND		ug/kg	29	1.1	1
n-Propylbenzene	ND		ug/kg	2.9	0.82	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.2	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,4-Diethylbenzene	ND		ug/kg	12	0.58	1
4-Ethyltoluene	ND		ug/kg	12	0.28	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	0.53	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-02 Date Collected: 08/02/12 14:20

Client ID: EP004 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-03
Client ID: EP002
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil
Analytical Method: 1,8260B
Analytical Date: 08/08/12 15:46
Analyst: BN
Percent Solids: 89%

Date Collected: 08/02/12 14:45
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	9.6	J	ug/kg	28	5.6	1
1,1-Dichloroethane	ND		ug/kg	4.2	0.83	1
Chloroform	ND		ug/kg	4.2	0.91	1
Carbon tetrachloride	ND		ug/kg	2.8	0.59	1
1,2-Dichloropropane	ND		ug/kg	9.8	0.72	1
Dibromochloromethane	ND		ug/kg	2.8	0.86	1
1,1,2-Trichloroethane	ND		ug/kg	4.2	1.1	1
Tetrachloroethene	ND		ug/kg	2.8	0.86	1
Chlorobenzene	ND		ug/kg	2.8	0.52	1
Trichlorofluoromethane	ND		ug/kg	14	1.1	1
1,2-Dichloroethane	ND		ug/kg	2.8	0.64	1
1,1,1-Trichloroethane	ND		ug/kg	2.8	0.76	1
Bromodichloromethane	ND		ug/kg	2.8	1.1	1
trans-1,3-Dichloropropene	ND		ug/kg	2.8	0.84	1
cis-1,3-Dichloropropene	ND		ug/kg	2.8	0.75	1
1,1-Dichloropropene	ND		ug/kg	14	1.3	1
Bromoform	ND		ug/kg	11	1.4	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.8	0.67	1
Benzene	ND		ug/kg	2.8	0.83	1
Toluene	ND		ug/kg	4.2	0.68	1
Ethylbenzene	ND		ug/kg	2.8	0.62	1
Chloromethane	ND		ug/kg	14	2.2	1
Bromomethane	ND		ug/kg	5.6	1.8	1
Vinyl chloride	ND		ug/kg	5.6	2.1	1
Chloroethane	ND		ug/kg	5.6	1.2	1
1,1-Dichloroethene	ND		ug/kg	2.8	0.73	1
trans-1,2-Dichloroethene	ND		ug/kg	4.2	1.1	1
Trichloroethene	ND		ug/kg	2.8	0.63	1
1,2-Dichlorobenzene	ND		ug/kg	14	1.0	1
1,3-Dichlorobenzene	ND		ug/kg	14	1.1	1
1,4-Dichlorobenzene	ND		ug/kg	14	1.2	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-03 Date Collected: 08/02/12 14:45

Client ID: EP002 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	5.6	1.4	1
p/m-Xylene	ND		ug/kg	5.6	1.2	1
o-Xylene	ND		ug/kg	5.6	1.2	1
cis-1,2-Dichloroethene	ND		ug/kg	2.8	0.85	1
Dibromomethane	ND		ug/kg	28	1.2	1
Styrene	ND		ug/kg	5.6	2.0	1
Dichlorodifluoromethane	ND		ug/kg	28	1.1	1
Acetone	37		ug/kg	28	9.1	1
Carbon disulfide	ND		ug/kg	28	1.0	1
2-Butanone	ND		ug/kg	28	11.	1
Vinyl acetate	ND		ug/kg	28	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	28	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	28	1.1	1
2-Hexanone	ND		ug/kg	28	1.1	1
Bromochloromethane	ND		ug/kg	14	0.85	1
2,2-Dichloropropane	ND		ug/kg	14	2.2	1
1,2-Dibromoethane	ND		ug/kg	11	1.1	1
1,3-Dichloropropane	ND		ug/kg	14	1.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.8	0.92	1
Bromobenzene	ND		ug/kg	14	0.62	1
n-Butylbenzene	ND		ug/kg	2.8	0.88	1
sec-Butylbenzene	ND		ug/kg	2.8	0.77	1
tert-Butylbenzene	ND		ug/kg	14	1.7	1
o-Chlorotoluene	ND		ug/kg	14	0.88	1
p-Chlorotoluene	ND		ug/kg	14	1.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	14	2.4	1
Hexachlorobutadiene	ND		ug/kg	14	1.3	1
Isopropylbenzene	ND		ug/kg	2.8	0.50	1
p-Isopropyltoluene	ND		ug/kg	2.8	0.77	1
Naphthalene	ND		ug/kg	14	2.2	1
Acrylonitrile	ND		ug/kg	28	1.0	1
n-Propylbenzene	ND		ug/kg	2.8	0.80	1
1,2,3-Trichlorobenzene	ND		ug/kg	14	1.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	14	2.2	1
1,3,5-Trimethylbenzene	ND		ug/kg	14	1.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	14	1.6	1
1,4-Diethylbenzene	ND		ug/kg	11	0.56	1
4-Ethyltoluene	ND		ug/kg	11	0.27	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	11	0.51	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-03 Date Collected: 08/02/12 14:45

Client ID: EP002 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/kg	14	1.1	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	14	4.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	77		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213972-04	Date Collected:	08/02/12 13:50
Client ID:	FIELD BLANK	Date Received:	08/03/12
Sample Location:	105 METROPOLITAN AVE.	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	08/10/12 12:47		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-04 Date Collected: 08/02/12 13:50

Client ID: FIELD BLANK Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.1		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-04 Date Collected: 08/02/12 13:50

Client ID: FIELD BLANK Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID:	L1213972-05	Date Collected:	08/02/12 00:00
Client ID:	TRIP BLANK	Date Received:	08/03/12
Sample Location:	105 METROPOLITAN AVE.	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260B		
Analytical Date:	08/10/12 15:32		
Analyst:	MM		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.16	1
1,2-Dichloropropane	ND		ug/l	1.0	0.30	1
Dibromochloromethane	ND		ug/l	0.50	0.19	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.16	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19	1
Benzene	ND		ug/l	0.50	0.19	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.18	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-05 Date Collected: 08/02/12 00:00

Client ID: TRIP BLANK Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.1	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Diethylbenzene	ND		ug/l	2.0	0.70	1
4-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-05 Date Collected: 08/02/12 00:00

Client ID: TRIP BLANK Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	112		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/08/12 10:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG553787-3					
Methylene chloride	ND		ug/kg	25	5.0
1,1-Dichloroethane	ND		ug/kg	3.8	0.74
Chloroform	ND		ug/kg	3.8	0.81
Carbon tetrachloride	ND		ug/kg	2.5	0.53
1,2-Dichloropropane	ND		ug/kg	8.8	0.64
Dibromochloromethane	ND		ug/kg	2.5	0.77
1,1,2-Trichloroethane	ND		ug/kg	3.8	0.98
Tetrachloroethene	ND		ug/kg	2.5	0.76
Chlorobenzene	ND		ug/kg	2.5	0.46
Trichlorofluoromethane	ND		ug/kg	12	0.98
1,2-Dichloroethane	ND		ug/kg	2.5	0.57
1,1,1-Trichloroethane	ND		ug/kg	2.5	0.67
Bromodichloromethane	ND		ug/kg	2.5	0.96
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.75
cis-1,3-Dichloropropene	ND		ug/kg	2.5	0.67
1,1-Dichloropropene	ND		ug/kg	12	1.1
Bromoform	ND		ug/kg	10	1.2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	0.60
Benzene	ND		ug/kg	2.5	0.74
Toluene	ND		ug/kg	3.8	0.60
Ethylbenzene	ND		ug/kg	2.5	0.55
Chloromethane	ND		ug/kg	12	2.0
Bromomethane	ND		ug/kg	5.0	1.6
Vinyl chloride	ND		ug/kg	5.0	1.9
Chloroethane	ND		ug/kg	5.0	1.1
1,1-Dichloroethene	ND		ug/kg	2.5	0.65
trans-1,2-Dichloroethene	ND		ug/kg	3.8	0.98
Trichloroethene	ND		ug/kg	2.5	0.56
1,2-Dichlorobenzene	ND		ug/kg	12	0.91
1,3-Dichlorobenzene	ND		ug/kg	12	1.0
1,4-Dichlorobenzene	ND		ug/kg	12	1.0

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/08/12 10:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG553787-3					
Methyl tert butyl ether	ND		ug/kg	5.0	1.2
p/m-Xylene	ND		ug/kg	5.0	1.1
o-Xylene	ND		ug/kg	5.0	1.0
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.75
Dibromomethane	ND		ug/kg	25	1.1
Styrene	ND		ug/kg	5.0	1.8
Dichlorodifluoromethane	ND		ug/kg	25	0.97
Acetone	ND		ug/kg	25	8.1
Carbon disulfide	ND		ug/kg	25	0.94
2-Butanone	ND		ug/kg	25	9.7
Vinyl acetate	ND		ug/kg	25	1.9
4-Methyl-2-pentanone	ND		ug/kg	25	2.0
1,2,3-Trichloropropane	ND		ug/kg	25	0.97
2-Hexanone	ND		ug/kg	25	0.99
Bromochloromethane	ND		ug/kg	12	0.76
2,2-Dichloropropane	ND		ug/kg	12	2.0
1,2-Dibromoethane	ND		ug/kg	10	1.0
1,3-Dichloropropane	ND		ug/kg	12	1.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	2.5	0.82
Bromobenzene	ND		ug/kg	12	0.55
n-Butylbenzene	ND		ug/kg	2.5	0.79
sec-Butylbenzene	ND		ug/kg	2.5	0.69
tert-Butylbenzene	ND		ug/kg	12	1.5
o-Chlorotoluene	ND		ug/kg	12	0.78
p-Chlorotoluene	ND		ug/kg	12	0.90
1,2-Dibromo-3-chloropropane	ND		ug/kg	12	2.1
Hexachlorobutadiene	ND		ug/kg	12	1.1
Isopropylbenzene	ND		ug/kg	2.5	0.44
p-Isopropyltoluene	ND		ug/kg	2.5	0.68
Naphthalene	ND		ug/kg	12	1.9
Acrylonitrile	ND		ug/kg	25	0.94

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/08/12 10:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG553787-3					
Isopropyl Ether	ND		ug/kg	10	1.0
tert-Butyl Alcohol	ND		ug/kg	150	3.1
n-Propylbenzene	ND		ug/kg	2.5	0.71
1,2,3-Trichlorobenzene	ND		ug/kg	12	1.0
1,2,4-Trichlorobenzene	ND		ug/kg	12	2.0
1,3,5-Trimethylbenzene	ND		ug/kg	12	1.5
1,2,4-Trimethylbenzene	ND		ug/kg	12	1.4
Methyl Acetate	ND		ug/kg	50	50.
Ethyl Acetate	ND		ug/kg	50	50.
Acrolein	ND		ug/kg	62	7.5
Cyclohexane	ND		ug/kg	50	50.
1,4-Dioxane	ND		ug/kg	250	44.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	50	0.99
1,4-Diethylbenzene	ND		ug/kg	10	0.50
4-Ethyltoluene	ND		ug/kg	10	0.24
1,2,4,5-Tetramethylbenzene	ND		ug/kg	10	0.45
Tetrahydrofuran	ND		ug/kg	50	2.8
Ethyl ether	ND		ug/kg	12	0.95
trans-1,4-Dichloro-2-butene	ND		ug/kg	12	3.7
Methyl cyclohexane	ND		ug/kg	10	10.
Ethyl-Tert-Butyl-Ether	ND		ug/kg	10	2.2
Tertiary-Amyl Methyl Ether	ND		ug/kg	10	2.5
Ethyl Alcohol	ND		ug/kg	2500	520

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/08/12 10:47
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG553787-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/10/12 06:16
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG554169-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.16
1,2-Dichloropropane	ND		ug/l	1.0	0.30
Dibromochloromethane	ND		ug/l	0.50	0.19
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.16
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.19
Benzene	ND		ug/l	0.50	0.19
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.18
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/10/12 06:16
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG554169-3					
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260B
Analytical Date: 08/10/12 06:16
Analyst: MM

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG554169-3					
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG553787-1 WG553787-2								
Methylene chloride	97		107		70-130	10		30
1,1-Dichloroethane	87		83		70-130	5		30
Chloroform	81		77		70-130	5		30
Carbon tetrachloride	83		77		70-130	8		30
1,2-Dichloropropane	85		83		70-130	2		30
Dibromochloromethane	80		81		70-130	1		30
1,1,2-Trichloroethane	79		81		70-130	3		30
Tetrachloroethene	86		82		70-130	5		30
Chlorobenzene	82		81		70-130	1		30
Trichlorofluoromethane	**57**	Q	**55**	Q	70-139	4		30
1,2-Dichloroethane	79		77		70-130	3		30
1,1,1-Trichloroethane	83		77		70-130	8		30
Bromodichloromethane	79		76		70-130	4		30
trans-1,3-Dichloropropene	80		80		70-130	0		30
cis-1,3-Dichloropropene	80		79		70-130	1		30
1,1-Dichloropropene	82		76		70-130	8		30
Bromoform	76		75		70-130	1		30
1,1,2,2-Tetrachloroethane	83		82		70-130	1		30
Benzene	80		77		70-130	4		30
Toluene	83		79		70-130	5		30
Ethylbenzene	83		80		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG553787-1 WG553787-2								
Chloromethane	101		100		52-130	1		30
Bromomethane	80		70		57-147	13		30
Vinyl chloride	90		87		67-130	3		30
Chloroethane	77		74		50-151	4		30
1,1-Dichloroethene	82		77		65-135	6		30
trans-1,2-Dichloroethene	83		79		70-130	5		30
Trichloroethene	84		79		70-130	6		30
1,2-Dichlorobenzene	86		85		70-130	1		30
1,3-Dichlorobenzene	88		85		70-130	3		30
1,4-Dichlorobenzene	87		85		70-130	2		30
Methyl tert butyl ether	77		77		66-130	0		30
p/m-Xylene	83		81		70-130	2		30
o-Xylene	82		80		70-130	2		30
cis-1,2-Dichloroethene	82		79		70-130	4		30
Dibromomethane	76		75		70-130	1		30
Styrene	79		78		70-130	1		30
Dichlorodifluoromethane	69		66		30-146	4		30
Acetone	106		106		54-140	0		30
Carbon disulfide	79		75		59-130	5		30
2-Butanone	96		98		70-130	2		30
Vinyl acetate	89		89		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG553787-1 WG553787-2								
4-Methyl-2-pentanone	79		81		70-130	3		30
1,2,3-Trichloropropane	79		78		68-130	1		30
2-Hexanone	90		94		70-130	4		30
Bromochloromethane	85		82		70-130	4		30
2,2-Dichloropropane	85		80		70-130	6		30
1,2-Dibromoethane	79		81		70-130	3		30
1,3-Dichloropropane	78		80		69-130	3		30
1,1,1,2-Tetrachloroethane	81		81		70-130	0		30
Bromobenzene	89		85		70-130	5		30
n-Butylbenzene	89		86		70-130	3		30
sec-Butylbenzene	91		85		70-130	7		30
tert-Butylbenzene	92		86		70-130	7		30
o-Chlorotoluene	90		85		70-130	6		30
p-Chlorotoluene	89		86		70-130	3		30
1,2-Dibromo-3-chloropropane	81		84		68-130	4		30
Hexachlorobutadiene	96		92		67-130	4		30
Isopropylbenzene	90		84		70-130	7		30
p-Isopropyltoluene	92		87		70-130	6		30
Naphthalene	83		86		70-130	4		30
Acrylonitrile	90		96		70-130	6		30
Isopropyl Ether	98		97		66-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG553787-1 WG553787-2								
tert-Butyl Alcohol	86		85		70-130	1		30
n-Propylbenzene	90		84		70-130	7		30
1,2,3-Trichlorobenzene	88		88		70-130	0		30
1,2,4-Trichlorobenzene	91		91		70-130	0		30
1,3,5-Trimethylbenzene	91		86		70-130	6		30
1,2,4-Trimethylbenzene	89		86		70-130	3		30
Methyl Acetate	90		93		70-130	3		30
Ethyl Acetate	89		91		70-130	2		30
Acrolein	70		**68**	Q	70-130	3		30
Cyclohexane	85		77		70-130	10		30
1,4-Dioxane	82		90		65-136	9		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	73		**68**	Q	70-130	7		30
1,4-Diethylbenzene	92		88		70-130	4		30
4-Ethyltoluene	91		86		70-130	6		30
1,2,4,5-Tetramethylbenzene	89		88		70-130	1		30
Tetrahydrofuran	99		94		66-130	5		30
Ethyl ether	77		74		67-130	4		30
trans-1,4-Dichloro-2-butene	87		86		70-130	1		30
Methyl cyclohexane	72		**66**	Q	70-130	9		30
Ethyl-Tert-Butyl-Ether	86		85		70-130	1		30
Tertiary-Amyl Methyl Ether	77		76		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG553787-1 WG553787-2								
Ethyl Alcohol	105		105		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		99		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	106		103		70-130
Dibromofluoromethane	100		98		70-130

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG554169-1 WG554169-2								
Methylene chloride	92		92		70-130	0		20
1,1-Dichloroethane	98		96		70-130	2		20
Chloroform	93		101		70-130	8		20
Carbon tetrachloride	91		96		63-132	5		20
1,2-Dichloropropane	91		97		70-130	6		20
Dibromochloromethane	81		90		63-130	11		20
1,1,2-Trichloroethane	96		96		70-130	0		20
Tetrachloroethene	94		97		70-130	3		20
Chlorobenzene	93		91		75-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG554169-1 WG554169-2								
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	96		97		70-130	1		20
1,1,1-Trichloroethane	95		98		67-130	3		20
Bromodichloromethane	88		94		67-130	7		20
trans-1,3-Dichloropropene	87		92		70-130	6		20
cis-1,3-Dichloropropene	88		94		70-130	7		20
1,1-Dichloropropene	93		94		70-130	1		20
Bromoform	75		87		54-136	15		20
1,1,2,2-Tetrachloroethane	92		90		67-130	2		20
Benzene	93		96		70-130	3		20
Toluene	89		96		70-130	8		20
Ethylbenzene	95		92		70-130	3		20
Chloromethane	97		94		64-130	3		20
Bromomethane	107		108		39-139	1		20
Vinyl chloride	99		97		55-140	2		20
Chloroethane	98		95		55-138	3		20
1,1-Dichloroethene	102		102		61-145	0		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	95		92		70-130	3		20
1,2-Dichlorobenzene	92		93		70-130	1		20
1,3-Dichlorobenzene	92		94		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG554169-1 WG554169-2								
1,4-Dichlorobenzene	90		94		70-130	4		20
Methyl tert butyl ether	99		101		63-130	2		20
p/m-Xylene	95		93		70-130	2		20
o-Xylene	95		93		70-130	2		20
cis-1,2-Dichloroethene	98		104		70-130	6		20
Dibromomethane	91		94		70-130	3		20
1,2,3-Trichloropropane	83		91		64-130	9		20
Acrylonitrile	97		93		70-130	4		20
Styrene	93		93		70-130	0		20
Dichlorodifluoromethane	97		97		36-147	0		20
Acetone	85		90		58-148	6		20
Carbon disulfide	81		93		51-130	14		20
2-Butanone	106		95		63-138	11		20
Vinyl acetate	93		96		70-130	3		20
4-Methyl-2-pentanone	93		94		59-130	1		20
2-Hexanone	97		98		57-130	1		20
Bromochloromethane	97		108		70-130	11		20
2,2-Dichloropropane	94		102		63-133	8		20
1,2-Dibromoethane	91		92		70-130	1		20
1,3-Dichloropropane	90		92		70-130	2		20
1,1,1,2-Tetrachloroethane	91		93		64-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG554169-1 WG554169-2								
Bromobenzene	87		93		70-130	7		20
n-Butylbenzene	91		95		53-136	4		20
sec-Butylbenzene	95		94		70-130	1		20
tert-Butylbenzene	89		90		70-130	1		20
o-Chlorotoluene	92		93		70-130	1		20
p-Chlorotoluene	88		93		70-130	6		20
1,2-Dibromo-3-chloropropane	79		92		41-144	15		20
Hexachlorobutadiene	100		104		63-130	4		20
Isopropylbenzene	91		92		70-130	1		20
p-Isopropyltoluene	88		92		70-130	4		20
Naphthalene	89		101		70-130	13		20
n-Propylbenzene	90		92		69-130	2		20
1,2,3-Trichlorobenzene	93		105		70-130	12		20
1,2,4-Trichlorobenzene	97		94		70-130	3		20
1,3,5-Trimethylbenzene	89		94		64-130	5		20
1,2,4-Trimethylbenzene	95		94		70-130	1		20
1,4-Diethylbenzene	93		90		70-130	3		20
4-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	91		93		70-130	2		20
Ethyl ether	97		96		59-134	1		20
trans-1,4-Dichloro-2-butene	96		88		70-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG554169-1 WG554169-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		96		70-130
Toluene-d8	99		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	104		104		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553787-4 WG553787-5 QC Sample: L1213972-01 Client ID: EP003												
Methylene chloride	21.J	56.8	69	120		66	117		70-130	3		30
1,1-Dichloroethane	ND	56.8	49	87		49	87		70-130	0		30
Chloroform	ND	56.8	46	80		45	80		70-130	0		30
Carbon tetrachloride	ND	56.8	47	82		45	80		70-130	3		30
1,2-Dichloropropane	ND	56.8	49	85		48	85		70-130	0		30
Dibromochloromethane	ND	56.8	45	79		44	78		70-130	1		30
1,1,2-Trichloroethane	ND	56.8	45	79		44	77		70-130	3		30
Tetrachloroethene	ND	56.8	46	82		45	80		70-130	2		30
Chlorobenzene	ND	56.8	45	80		45	79		70-130	1		30
Trichlorofluoromethane	ND	56.8	33	**59**	Q	33	**58**	Q	70-139	2		30
1,2-Dichloroethane	ND	56.8	46	81		46	81		70-130	1		30
1,1,1-Trichloroethane	ND	56.8	47	83		47	82		70-130	1		30
Bromodichloromethane	ND	56.8	46	80		45	80		70-130	1		30
trans-1,3-Dichloropropene	ND	56.8	44	78		44	77		70-130	1		30
cis-1,3-Dichloropropene	ND	56.8	45	78		45	80		70-130	2		30
1,1-Dichloropropene	ND	56.8	45	80		45	79		70-130	1		30
Bromoform	ND	56.8	41	71		40	71		70-130	0		30
1,1,2,2-Tetrachloroethane	ND	56.8	44	78		44	77		70-130	2		30
Benzene	ND	56.8	45	79		45	79		70-130	0		30
Toluene	ND	56.8	45	79		44	78		70-130	2		30
Ethylbenzene	ND	56.8	45	80		45	78		70-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553787-4 WG553787-5 QC Sample: L1213972-01 Client ID: EP003												
Chloromethane	ND	56.8	62	108		59	104		52-130	4		30
Bromomethane	ND	56.8	48	84		38	67		57-147	22		30
Vinyl chloride	ND	56.8	53	94		52	91		67-130	3		30
Chloroethane	ND	56.8	46	80		44	77		50-151	4		30
1,1-Dichloroethene	ND	56.8	46	82		45	80		65-135	3		30
trans-1,2-Dichloroethene	ND	56.8	46	80		47	82		70-130	2		30
Trichloroethene	ND	56.8	47	83		47	83		70-130	1		30
1,2-Dichlorobenzene	ND	56.8	46	80		45	79		70-130	2		30
1,3-Dichlorobenzene	ND	56.8	46	81		45	78		70-130	3		30
1,4-Dichlorobenzene	ND	56.8	46	80		44	78		70-130	3		30
Methyl tert butyl ether	ND	56.8	43	75		43	76		66-130	1		30
p/m-Xylene	ND	114	92	81		90	79		70-130	2		30
o-Xylene	ND	114	90	79		89	78		70-130	1		30
cis-1,2-Dichloroethene	ND	56.8	46	80		46	81		70-130	0		30
Dibromomethane	ND	56.8	43	76		43	76		70-130	0		30
Styrene	ND	114	87	77		86	75		70-130	2		30
Dichlorodifluoromethane	ND	56.8	39	69		38	67		30-146	3		30
Acetone	ND	56.8	64	112		62	109		54-140	3		30
Carbon disulfide	ND	56.8	44	77		43	76		59-130	1		30
2-Butanone	ND	56.8	53	93		53	93		70-130	0		30
Vinyl acetate	ND	56.8	38	**66**	Q	37	**64**	Q	70-130	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553787-4 WG553787-5 QC Sample: L1213972-01 Client ID: EP003												
4-Methyl-2-pentanone	ND	56.8	44	77		43	76		70-130	1		30
1,2,3-Trichloropropane	ND	56.8	40	71		41	72		68-130	2		30
2-Hexanone	ND	56.8	49	86		48	84		70-130	2		30
Bromochloromethane	ND	56.8	47	82		47	83		70-130	1		30
2,2-Dichloropropane	ND	56.8	48	85		47	82		70-130	3		30
1,2-Dibromoethane	ND	56.8	44	77		44	77		70-130	0		30
1,3-Dichloropropane	ND	56.8	44	77		44	77		69-130	0		30
1,1,1,2-Tetrachloroethane	ND	56.8	45	80		45	79		70-130	1		30
Bromobenzene	ND	56.8	47	82		46	80		70-130	2		30
n-Butylbenzene	ND	56.8	46	80		43	76		70-130	5		30
sec-Butylbenzene	ND	56.8	46	80		45	79		70-130	1		30
tert-Butylbenzene	ND	56.8	47	82		46	82		70-130	1		30
o-Chlorotoluene	ND	56.8	47	83		47	82		70-130	1		30
p-Chlorotoluene	ND	56.8	47	82		46	81		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	56.8	46	80		44	77		68-130	4		30
Hexachlorobutadiene	ND	56.8	44	78		42	75		67-130	5		30
Isopropylbenzene	ND	56.8	47	82		46	81		70-130	2		30
p-Isopropyltoluene	ND	56.8	47	82		46	80		70-130	3		30
Naphthalene	ND	56.8	43	75		41	71		70-130	5		30
Acrylonitrile	ND	56.8	51	89		51	90		70-130	1		30
n-Propylbenzene	ND	56.8	47	82		46	81		70-130	1		30

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553787-4 WG553787-5 QC Sample: L1213972-01 Client ID: EP003												
1,2,3-Trichlorobenzene	ND	56.8	43	76		42	73		70-130	4		30
1,2,4-Trichlorobenzene	ND	56.8	46	81		43	75		70-130	7		30
1,3,5-Trimethylbenzene	ND	56.8	48	84		46	81		70-130	3		30
1,2,4-Trimethylbenzene	ND	56.8	47	83		45	80		70-130	5		30
1,4-Diethylbenzene	ND	56.8	47	83		45	79		70-130	4		30
4-Ethyltoluene	ND	56.8	48	84		46	82		70-130	3		30
1,2,4,5-Tetramethylbenzene	ND	56.8	46	82		44	77		70-130	6		30
Ethyl ether	ND	56.8	42	74		42	74		67-130	0		30
trans-1,4-Dichloro-2-butene	ND	56.8	47	82		47	83		70-130	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	100		103		70-130
Toluene-d8	104		103		70-130

METALS

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-01 Date Collected: 08/02/12 14:10

Client ID: EP003 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7200		mg/kg	9.0	2.0	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Antimony, Total	1.9	J	mg/kg	4.5	0.86	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Arsenic, Total	3.0		mg/kg	0.90	0.31	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Barium, Total	81		mg/kg	0.90	0.08	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Beryllium, Total	0.48		mg/kg	0.45	0.03	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Cadmium, Total	0.17	J	mg/kg	0.90	0.06	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Calcium, Total	2000		mg/kg	9.0	2.0	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Chromium, Total	17		mg/kg	0.90	0.18	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Cobalt, Total	6.7		mg/kg	1.8	0.19	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Copper, Total	21		mg/kg	0.90	0.42	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Iron, Total	20000		mg/kg	4.5	1.6	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Lead, Total	70		mg/kg	4.5	0.25	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Magnesium, Total	2100		mg/kg	9.0	4.0	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Manganese, Total	370		mg/kg	0.90	0.09	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Mercury, Total	0.08		mg/kg	0.07	0.02	1	08/07/12 23:25	08/08/12 11:44	EPA 7471A	1,7471A	KL
Nickel, Total	12		mg/kg	2.2	0.25	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Potassium, Total	1200		mg/kg	220	72.	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Selenium, Total	0.44	J	mg/kg	1.8	0.30	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Silver, Total	ND		mg/kg	0.90	0.15	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Sodium, Total	270		mg/kg	180	72.	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Thallium, Total	0.62	J	mg/kg	1.8	0.56	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Vanadium, Total	28		mg/kg	0.90	0.20	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM
Zinc, Total	61		mg/kg	4.5	0.49	2	08/07/12 15:50	08/08/12 18:49	EPA 3050B	1,6010B	BM

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-02 Date Collected: 08/02/12 14:20

Client ID: EP004 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7900		mg/kg	9.0	2.0	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Antimony, Total	4.3	J	mg/kg	4.5	0.86	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Arsenic, Total	3.7		mg/kg	0.90	0.31	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Barium, Total	93		mg/kg	0.90	0.08	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Beryllium, Total	0.49		mg/kg	0.45	0.03	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Cadmium, Total	0.22	J	mg/kg	0.90	0.06	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Calcium, Total	2600		mg/kg	9.0	2.0	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Chromium, Total	21		mg/kg	0.90	0.18	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Cobalt, Total	7.3		mg/kg	1.8	0.19	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Copper, Total	23		mg/kg	0.90	0.42	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Iron, Total	20000		mg/kg	4.5	1.6	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Lead, Total	88		mg/kg	4.5	0.25	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Magnesium, Total	2000		mg/kg	9.0	4.0	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Manganese, Total	370		mg/kg	0.90	0.09	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Mercury, Total	0.13		mg/kg	0.08	0.02	1	08/07/12 23:25	08/08/12 11:04	EPA 7471A	1,7471A	KL
Nickel, Total	14		mg/kg	2.2	0.25	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Potassium, Total	1200		mg/kg	220	72.	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Selenium, Total	ND		mg/kg	1.8	0.30	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Silver, Total	ND		mg/kg	0.90	0.15	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Sodium, Total	220		mg/kg	180	72.	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Thallium, Total	ND		mg/kg	1.8	0.56	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Vanadium, Total	32		mg/kg	0.90	0.20	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM
Zinc, Total	68		mg/kg	4.5	0.49	2	08/07/12 15:50	08/08/12 19:00	EPA 3050B	1,6010B	BM

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-03 Date Collected: 08/02/12 14:45

Client ID: EP002 Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8500		mg/kg	8.5	1.9	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Antimony, Total	1.8	J	mg/kg	4.3	0.82	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Arsenic, Total	14		mg/kg	0.85	0.29	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Barium, Total	110		mg/kg	0.85	0.07	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Beryllium, Total	0.52		mg/kg	0.43	0.03	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Cadmium, Total	0.41	J	mg/kg	0.85	0.05	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Calcium, Total	12000		mg/kg	8.5	1.8	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Chromium, Total	18		mg/kg	0.85	0.17	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Cobalt, Total	6.0		mg/kg	1.7	0.18	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Copper, Total	24		mg/kg	0.85	0.40	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Iron, Total	16000		mg/kg	4.3	1.5	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Lead, Total	110		mg/kg	4.3	0.24	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Magnesium, Total	2000		mg/kg	8.5	3.8	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Manganese, Total	320		mg/kg	0.85	0.09	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Mercury, Total	0.21		mg/kg	0.08	0.02	1	08/07/12 23:25	08/08/12 11:06	EPA 7471A	1,7471A	KL
Nickel, Total	11		mg/kg	2.1	0.24	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Potassium, Total	1100		mg/kg	210	68.	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Selenium, Total	0.35	J	mg/kg	1.7	0.28	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Silver, Total	ND		mg/kg	0.85	0.14	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Sodium, Total	240		mg/kg	170	68.	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Thallium, Total	0.66	J	mg/kg	1.7	0.53	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Vanadium, Total	26		mg/kg	0.85	0.19	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM
Zinc, Total	81		mg/kg	4.3	0.46	2	08/07/12 15:50	08/08/12 19:03	EPA 3050B	1,6010B	BM

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-04 Date Collected: 08/02/12 13:50

Client ID: FIELD BLANK Date Received: 08/03/12

Sample Location: 105 METROPOLITAN AVE. Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.004	J	mg/l	0.010	0.002	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Antimony, Total	0.0007		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Antimony, Total	0.0002	J	mg/l	0.0005	0.0001	1	08/06/12 14:40	08/09/12 15:06	EPA 3005A	1,6020	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Barium, Total	0.0001	J	mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Beryllium, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Calcium, Total	ND		mg/l	0.100	0.032	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Chromium, Total	0.0003	J	mg/l	0.0010	0.0002	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Copper, Total	0.0001	J	mg/l	0.0010	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Iron, Total	ND		mg/l	0.050	0.013	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Manganese, Total	0.0003	J	mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Mercury, Total	ND		mg/l	0.0002	0.0001	1	08/10/12 13:20	08/10/12 17:48	EPA 7470A	1,7470A	
Nickel, Total	0.0001	J	mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Selenium, Total	ND		mg/l	0.005	0.0003	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Silver, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Sodium, Total	0.019	J	mg/l	0.100	0.015	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Thallium, Total	ND		mg/l	0.0005	0.00003	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK
Zinc, Total	0.0015	J	mg/l	0.0100	0.0012	1	08/06/12 14:40	08/07/12 16:30	EPA 3005A	1,6020	AK

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG553104-1										
Aluminum, Total	ND		mg/l	0.010	0.002	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Antimony, Total	0.0004	J	mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Barium, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Beryllium, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Calcium, Total	ND		mg/l	0.100	0.032	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Chromium, Total	ND		mg/l	0.0010	0.0002	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Copper, Total	ND		mg/l	0.0010	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Iron, Total	ND		mg/l	0.050	0.013	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Manganese, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Nickel, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Selenium, Total	ND		mg/l	0.005	0.0003	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Silver, Total	ND		mg/l	0.0005	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Sodium, Total	0.019	J	mg/l	0.100	0.015	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Thallium, Total	ND		mg/l	0.0005	0.00003	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK
Zinc, Total	ND		mg/l	0.0100	0.0012	1	08/06/12 14:40	08/07/12 16:03	1,6020	AK

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG553351-1										
Aluminum, Total	2.7	J	mg/kg	4.0	0.89	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Antimony, Total	ND		mg/kg	2.0	0.38	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Arsenic, Total	ND		mg/kg	0.40	0.14	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Barium, Total	ND		mg/kg	0.40	0.03	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Beryllium, Total	ND		mg/kg	0.20	0.01	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Cadmium, Total	ND		mg/kg	0.40	0.03	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Calcium, Total	1.0	J	mg/kg	4.0	0.87	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Chromium, Total	ND		mg/kg	0.40	0.08	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Cobalt, Total	ND		mg/kg	0.80	0.09	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Copper, Total	ND		mg/kg	0.40	0.18	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Iron, Total	3.4		mg/kg	2.0	0.69	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Lead, Total	ND		mg/kg	2.0	0.11	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Magnesium, Total	ND		mg/kg	4.0	1.8	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Manganese, Total	ND		mg/kg	0.40	0.04	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Nickel, Total	ND		mg/kg	1.0	0.11	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Potassium, Total	ND		mg/kg	100	32.	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Selenium, Total	ND		mg/kg	0.80	0.13	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Silver, Total	ND		mg/kg	0.40	0.07	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Sodium, Total	ND		mg/kg	80	32.	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Thallium, Total	ND		mg/kg	0.80	0.25	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Vanadium, Total	ND		mg/kg	0.40	0.09	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM
Zinc, Total	ND		mg/kg	2.0	0.22	1	08/07/12 15:50	08/08/12 18:36	1,6010B	BM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02-03 Batch: WG553358-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/07/12 23:25	08/08/12 10:18	1,7471A	KL

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG553361-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/07/12 23:25	08/08/12 11:36	1,7471A	KL

Project Name: MAV1201 **Lab Number:** L1213972

Project Number: MAV1201 **Report Date:** 08/13/12

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG554152-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	08/10/12 13:20	08/10/12 16:28	1,7470A	

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG553104-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	93		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	91		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	97		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	100		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	105		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	93		-		80-120	-		
Sodium, Total	112		-		80-120	-		
Thallium, Total	92		-		80-120	-		
Vanadium, Total	95		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG553104-2					
Zinc, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG553351-2					
Aluminum, Total	106	-	75-125	-	
Antimony, Total	96	-	75-125	-	
Arsenic, Total	107	-	75-125	-	
Barium, Total	93	-	75-125	-	
Beryllium, Total	98	-	75-125	-	
Cadmium, Total	102	-	75-125	-	
Calcium, Total	97	-	75-125	-	
Chromium, Total	100	-	75-125	-	
Cobalt, Total	101	-	75-125	-	
Copper, Total	101	-	75-125	-	
Iron, Total	101	-	75-125	-	
Lead, Total	104	-	75-125	-	
Magnesium, Total	101	-	75-125	-	
Manganese, Total	101	-	75-125	-	
Nickel, Total	101	-	75-125	-	
Potassium, Total	94	-	75-125	-	
Selenium, Total	101	-	75-125	-	
Silver, Total	102	-	75-125	-	
Sodium, Total	109	-	75-125	-	
Thallium, Total	106	-	75-125	-	
Vanadium, Total	98	-	75-125	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1213972

Report Date: 08/13/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG553351-2					
Zinc, Total	96	-	75-125	-	
Total Metals - Westborough Lab Associated sample(s): 02-03 Batch: WG553358-2 SRM Lot Number: 0518-10-02					
Mercury, Total	102	-	67-133	-	
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG553361-2 SRM Lot Number: 0518-10-02					
Mercury, Total	102	-	67-133	-	
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG554152-2					
Mercury, Total	86	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04	QC Batch ID: WG553104-3	WG553104-4	QC Sample: L1213970-01	Client ID: MS Sample								
Aluminum, Total	ND	2	1.90	95		2.01	100		80-120	6		20
Antimony, Total	ND	0.5	0.4527	90		0.4975	100		80-120	9		20
Arsenic, Total	ND	0.12	0.1199	100		0.1286	107		80-120	7		20
Barium, Total	ND	2	1.828	91		1.937	97		80-120	6		20
Beryllium, Total	ND	0.05	0.0537	107		0.0556	111		80-120	3		20
Cadmium, Total	ND	0.051	0.0530	104		0.0563	110		80-120	6		20
Calcium, Total	ND	10	9.27	93		9.40	94		80-120	1		20
Chromium, Total	ND	0.2	0.1856	93		0.1978	99		80-120	6		20
Cobalt, Total	ND	0.5	0.4693	94		0.5173	103		80-120	10		20
Copper, Total	ND	0.25	0.2362	94		0.2631	105		80-120	11		20
Iron, Total	ND	1	0.922	92		0.993	99		80-120	7		20
Lead, Total	ND	0.51	0.4952	97		0.5376	105		80-120	8		20
Magnesium, Total	ND	10	9.66	97		10.0	100		80-120	3		20
Manganese, Total	ND	0.5	0.4584	92		0.5068	101		80-120	10		20
Nickel, Total	ND	0.5	0.4797	96		0.5245	105		80-120	9		20
Potassium, Total	ND	10	10.3	103		10.8	108		80-120	5		20
Selenium, Total	ND	0.12	0.131	109		0.148	**123**	Q	80-120	12		20
Silver, Total	ND	0.05	0.0457	91		0.0494	99		80-120	8		20
Sodium, Total	ND	10	10.8	108		11.4	114		80-120	5		20
Thallium, Total	ND	0.12	0.1062	88		0.1148	96		80-120	8		20
Vanadium, Total	ND	0.5	0.4654	93		0.4998	100		80-120	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG553104-3 WG553104-4 QC Sample: L1213970-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5459	109	0.5888	118	80-120	8	20

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553351-3 WG553351-4 QC Sample: L1213972-01 Client ID: EP003											
Aluminum, Total	7200	173	8600	**808**	Q	9000	**1040**	Q	75-125	5	35
Antimony, Total	1.9J	43.3	19	**44**	Q	21	**49**	Q	75-125	10	35
Arsenic, Total	3.0	10.4	14	106		14	106		75-125	0	35
Barium, Total	81.	173	250	97		250	98		75-125	0	35
Beryllium, Total	0.48	4.33	4.8	100		5.0	105		75-125	4	35
Cadmium, Total	0.17J	4.42	4.6	104		4.7	107		75-125	2	35
Calcium, Total	2000	867	3000	115		3000	116		75-125	0	35
Chromium, Total	17.	17.3	34	98		37	116		75-125	8	35
Cobalt, Total	6.7	43.3	51	102		53	107		75-125	4	35
Copper, Total	21.	21.7	44	106		45	111		75-125	2	35
Iron, Total	20000	86.7	17000	**0**	Q	22000	**2310**	Q	75-125	26	35
Lead, Total	70.	44.2	110	90		92	**50**	Q	75-125	18	35
Magnesium, Total	2100	867	3000	104		3300	**139**	Q	75-125	10	35
Manganese, Total	370	43.3	400	**69**	Q	450	**185**	Q	75-125	12	35
Nickel, Total	12.	43.3	56	102		59	109		75-125	5	35
Potassium, Total	1200	867	2100	104		2400	**139**	Q	75-125	13	35
Selenium, Total	0.44J	10.4	11	106		11	106		75-125	0	35
Silver, Total	ND	26	28	108		28	108		75-125	0	35
Sodium, Total	270	867	1300	119		1300	119		75-125	0	35
Thallium, Total	0.62J	10.4	12	115		12	116		75-125	0	35
Vanadium, Total	28.	43.3	72	102		74	106		75-125	3	35

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553351-3 WG553351-4 QC Sample: L1213972-01 Client ID: EP003									
Zinc, Total	61.	43.3	98	85	100	90	75-125	2	35
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG553358-4 QC Sample: L1213776-09 Client ID: MS Sample									
Mercury, Total	ND	0.157	0.18	114	-	-	70-130	-	35
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG553361-4 WG553361-5 QC Sample: L1213972-01 Client ID: EP003									
Mercury, Total	0.08	0.16	0.22	86	0.25	100	70-130	13	35
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG554152-4 QC Sample: L1213972-04 Client ID: FIELD BLANK									
Mercury, Total	ND	0.001	0.0012	120	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG553358-3 QC Sample: L1213776-09 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		35
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG554152-3 QC Sample: L1213972-04 Client ID: FIELD BLANK						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-01
Client ID: EP003
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil

Date Collected: 08/02/12 14:10
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88		%	0.10	NA	1	-	08/06/12 17:45	30,2540G	RD

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-02
Client ID: EP004
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil

Date Collected: 08/02/12 14:20
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	08/06/12 17:45	30,2540G	RD

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

SAMPLE RESULTS

Lab ID: L1213972-03
Client ID: EP002
Sample Location: 105 METROPOLITAN AVE.
Matrix: Soil

Date Collected: 08/02/12 14:45
Date Received: 08/03/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89		%	0.10	NA	1	-	08/06/12 17:45	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG553140-1 QC Sample: L1213970-02 Client ID: DUP Sample						
Solids, Total	93.	93	%	0		20

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1213972-01A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-01B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1213972-01C	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-01D	Amber 250ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1213972-01E	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-01F	Amber 250ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1213972-02A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1213972
Report Date: 08/13/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1213972-02B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1213972-03A	Vial Large unpreserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-03B	Amber 250ml unpreserved	A	N/A	2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1213972-04A	Vial HCl preserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-04B	Vial HCl preserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-04C	Vial HCl preserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-04D	Plastic 500ml HNO3 preserved	A	<2	2	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1213972-05A	Vial HCl preserved	A	N/A	2	Y	Absent	NYTCL-8260(14)
L1213972-05B	Vial HCl preserved	A	N/A	2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	MAV1201	**Lab Number:**	L1213972
Project Number:	MAV1201	**Report Date:**	08/13/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1213972
Project Number:	MAV1201	**Report Date:**	08/13/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1213972
Project Number:	MAV1201	**Report Date:**	08/13/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 3, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 8/3/12

ALPHA Job #: L1213972

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Serial No:08131216:45

Client Information

Client: PWGC
Address: 630 Johnson Ave. Bohemia, NY 11716
Phone: 631-589-6353
Fax: 631-589-8705
Email: Jennifer\@pwgrosser.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: MAV1201
Project Location: 105 Metropolitan Ave.
Project #: MAV1201
Project Manager: Jennifer Lewis
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 8/10/12 Time:

Other Project Specific Requirements/Comments/Detection Limits:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: VOC's	TAL METALS	VOC's	TAL METALS	SAMPLE HANDLING	TOTAL # BOTTLES
13972.1	EP003	8/2/12	1410	S	KER	X	X				2
1	EP003 MS/MSD		1410			X	X				4
2	EP004		1420			X	X				2
3	EP002		1445			X	X				2
4	Field Blank		1350	-				X	X		4
5	Trip Blank	7/18/12	-	-	-			X			2

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

Container Type	A	G	A	P
Preservative	A	A	B	C

Relinquished By:	Date/Time	Received By:	Date/Time
K. Rubio	8/3/12 0900		8/3/12 9:00
	8/3/12 1800		8/3/12 1800
Shoelle	8/3/12 2245	Shoelle	8/3/12 2245

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1214641
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	MAV1201
Project Number:	MAV1201
Report Date:	08/27/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1214641-01	EP-3A	105 METROPOLITAN AVE, BROOKLYN	08/15/12 11:42
L1214641-02	BLIND DUP	105 METROPOLITAN AVE, BROOKLYN	08/15/12 12:10
L1214641-03	FIELD BLANK	105 METROPOLITAN AVE, BROOKLYN	08/15/12 11:20

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	MAV1201	**Lab Number:**	L1214641
Project Number:	MAV1201	**Report Date:**	08/27/12

Case Narrative (continued)

Report Submission

At the client's request, all samples were analyzed for Metals.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1214641-03: The sample was received above the appropriate pH for the Metals analysis. The analysis was performed at the client's request.

Metals

L1214641-01 and -02 have elevated detection limits for all elements, with the exception of Mercury, due to the dilutions required by the samples matrices.

The WG556596-3/-4 MS/MSD recoveries for Aluminum (0%/184%), Iron (3680%/1230%) and Manganese (368%/295%), performed on L1214641-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG556596-3/-4 MS/MSD recoveries, performed on L1214641-01, are outside the acceptance criteria for Antimony (49%/44%) and Magnesium (MS at 74%). A post digestion spike was performed with acceptable recoveries for Antimony (84%) and Magnesium (79%).

The WG556596-3/-4 MS/MSD recoveries, performed on L1214641-01, are outside the acceptance criteria for Calcium (37%/49%). A post digestion spike was performed with an unacceptable recovery of (55%). This has been attributed to sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 08/27/12

METALS

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

SAMPLE RESULTS

Lab ID: L1214641-01 Date Collected: 08/15/12 11:42

Client ID: EP-3A Date Received: 08/15/12

Sample Location: 105 METROPOLITAN AVE, BROOKLYN Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5900		mg/kg	8.2	1.6	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Antimony, Total	1.0	J	mg/kg	4.1	0.82	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Arsenic, Total	2.0		mg/kg	0.82	0.24	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Barium, Total	32		mg/kg	0.82	0.24	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Beryllium, Total	0.45		mg/kg	0.41	0.03	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.82	0.05	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Calcium, Total	1200		mg/kg	8.2	1.6	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.82	0.16	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Cobalt, Total	5.8		mg/kg	1.6	0.41	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Copper, Total	16		mg/kg	0.82	0.41	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Iron, Total	19000		mg/kg	4.1	1.6	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Lead, Total	7.4		mg/kg	4.1	0.24	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Magnesium, Total	1500		mg/kg	8.2	3.3	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Manganese, Total	310		mg/kg	0.82	0.16	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Mercury, Total	0.02	J	mg/kg	0.08	0.02	1	08/21/12 21:40	08/22/12 09:47	EPA 7471B	1,7471B	KL
Nickel, Total	8.8		mg/kg	2.0	0.33	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Potassium, Total	870		mg/kg	200	65.	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.6	0.24	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.82	0.16	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Sodium, Total	130	J	mg/kg	160	65.	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Thallium, Total	1.7		mg/kg	1.6	0.49	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Vanadium, Total	27		mg/kg	0.82	0.16	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG
Zinc, Total	27		mg/kg	4.1	0.41	2	08/23/12 10:38	08/24/12 16:06	EPA 3050B	1,6010C	MG

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

SAMPLE RESULTS

Lab ID: L1214641-02 Date Collected: 08/15/12 12:10

Client ID: BLIND DUP Date Received: 08/15/12

Sample Location: 105 METROPOLITAN AVE, BROOKLYN Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	7500		mg/kg	8.9	1.8	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Antimony, Total	5.1		mg/kg	4.4	0.89	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Arsenic, Total	3.6		mg/kg	0.89	0.27	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Barium, Total	84		mg/kg	0.89	0.27	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Beryllium, Total	0.60		mg/kg	0.44	0.04	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.89	0.05	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Calcium, Total	1400		mg/kg	8.9	1.8	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Chromium, Total	18		mg/kg	0.89	0.18	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Cobalt, Total	10		mg/kg	1.8	0.44	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Copper, Total	23		mg/kg	0.89	0.44	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Iron, Total	29000		mg/kg	4.4	1.8	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Lead, Total	14		mg/kg	4.4	0.27	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Magnesium, Total	2000		mg/kg	8.9	3.6	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Manganese, Total	900		mg/kg	0.89	0.18	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Mercury, Total	0.02	J	mg/kg	0.09	0.02	1	08/21/12 21:40	08/22/12 09:56	EPA 7471B	1,7471B	KL
Nickel, Total	15		mg/kg	2.2	0.36	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Potassium, Total	1200		mg/kg	220	71.	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.27	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.89	0.18	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Sodium, Total	240		mg/kg	180	71.	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Thallium, Total	2.8		mg/kg	1.8	0.53	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Vanadium, Total	36		mg/kg	0.89	0.18	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG
Zinc, Total	40		mg/kg	4.4	0.44	2	08/23/12 10:38	08/24/12 16:16	EPA 3050B	1,6010C	MG

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

SAMPLE RESULTS

Lab ID: L1214641-03 Date Collected: 08/15/12 11:20

Client ID: FIELD BLANK Date Received: 08/15/12

Sample Location: 105 METROPOLITAN AVE, BROOKLYN Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		mg/l	0.010	0.002	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Antimony, Total	0.00048	J	mg/l	0.00050	0.00010	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Barium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Calcium, Total	ND		mg/l	0.100	0.032	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Chromium, Total	0.0005	J	mg/l	0.0010	0.0002	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Copper, Total	0.0004	J	mg/l	0.0010	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Iron, Total	ND		mg/l	0.050	0.013	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Manganese, Total	0.0002	J	mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Mercury, Total	ND		mg/l	0.0002	0.0001	1	08/24/12 16:51	08/25/12 16:17	EPA 7470A	1,7470A	AK
Nickel, Total	0.0002	J	mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Selenium, Total	ND		mg/l	0.005	0.0003	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Silver, Total	0.0001	J	mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Sodium, Total	0.078	J	mg/l	0.100	0.015	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Thallium, Total	ND		mg/l	0.0005	0.00003	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK
Zinc, Total	0.0022	J	mg/l	0.0100	0.0012	1	08/22/12 09:18	08/25/12 15:30	EPA 3005A	1,6020A	AK

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG556155-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/21/12 21:40	08/22/12 09:44	1,7471B	KL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 02 Batch: WG556156-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/21/12 21:40	08/22/12 09:52	1,7471B	KL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 03 Batch: WG556281-1										
Aluminum, Total	0.002	J	mg/l	0.010	0.002	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Antimony, Total	0.0003	J	mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Arsenic, Total	ND		mg/l	0.0005	0.0002	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Barium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Beryllium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Cadmium, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Calcium, Total	ND		mg/l	0.100	0.032	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Chromium, Total	0.0004	J	mg/l	0.0010	0.0002	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Cobalt, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Copper, Total	0.00090	J	mg/l	0.0010	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Iron, Total	ND		mg/l	0.050	0.013	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Lead, Total	ND		mg/l	0.0010	0.0002	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Magnesium, Total	ND		mg/l	0.100	0.023	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Manganese, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Nickel, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Potassium, Total	ND		mg/l	0.100	0.027	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

Method Blank Analysis
Batch Quality Control

Selenium, Total	ND		mg/l	0.005	0.0003	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Silver, Total	ND		mg/l	0.0005	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Sodium, Total	0.064	J	mg/l	0.100	0.015	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Thallium, Total	ND		mg/l	0.0005	0.00003	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Vanadium, Total	ND		mg/l	0.0050	0.0001	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK
Zinc, Total	ND		mg/l	0.0100	0.0012	1	08/22/12 09:18	08/25/12 15:12	1,6020A	AK

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG556596-1										
Aluminum, Total	1.3	J	mg/kg	4.0	0.80	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.40	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.12	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.02	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.02	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Calcium, Total	ND		mg/kg	4.0	0.80	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.20	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.20	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.80	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.12	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	1.6	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.08	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.16	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Potassium, Total	ND		mg/kg	100	32.	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Sodium, Total	34	J	mg/kg	80	32.	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.24	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.08	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.20	1	08/23/12 10:38	08/24/12 16:00	1,6010C	MG

Project Name: MAV1201 **Lab Number:** L1214641

Project Number: MAV1201 **Report Date:** 08/27/12

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 03 Batch: WG556915-1										
Mercury, Total	ND		mg/l	0.0002	0.0001	1	08/24/12 16:51	08/25/12 16:13	1,7470A	AK

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214641

Report Date: 08/27/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG556155-2 SRM Lot Number: 0518-10-02								
Mercury, Total	95		-		67-133	-		
Total Metals - Westborough Lab Associated sample(s): 02 Batch: WG556156-2 SRM Lot Number: 0518-10-02								
Mercury, Total	98		-		67-133	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214641

Report Date: 08/27/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03 Batch: WG556281-2					
Aluminum, Total	90	-	80-120	-	
Antimony, Total	95	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	114	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	90	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	91	-	80-120	-	
Selenium, Total	105	-	80-120	-	
Silver, Total	94	-	80-120	-	
Sodium, Total	86	-	80-120	-	
Thallium, Total	94	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214641

Report Date: 08/27/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03 Batch: WG556281-2					
Zinc, Total	110	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214641

Report Date: 08/27/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG556596-2					
Aluminum, Total	101	-	75-125	-	
Antimony, Total	94	-	75-125	-	
Arsenic, Total	102	-	75-125	-	
Barium, Total	94	-	75-125	-	
Beryllium, Total	97	-	75-125	-	
Cadmium, Total	98	-	75-125	-	
Calcium, Total	94	-	75-125	-	
Chromium, Total	94	-	75-125	-	
Cobalt, Total	97	-	75-125	-	
Copper, Total	102	-	75-125	-	
Iron, Total	95	-	75-125	-	
Lead, Total	98	-	75-125	-	
Magnesium, Total	97	-	75-125	-	
Manganese, Total	97	-	75-125	-	
Nickel, Total	97	-	75-125	-	
Potassium, Total	94	-	75-125	-	
Selenium, Total	96	-	75-125	-	
Silver, Total	99	-	75-125	-	
Sodium, Total	97	-	75-125	-	
Thallium, Total	99	-	75-125	-	
Vanadium, Total	97	-	75-125	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214641

Report Date: 08/27/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG556596-2					
Zinc, Total	91	-	75-125	-	
Total Metals - Westborough Lab Associated sample(s): 03 Batch: WG556915-2					
Mercury, Total	110	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG556155-3 WG556155-4 QC Sample: L1214641-01 Client ID: EP-3A												
Mercury, Total	0.02J	0.144	0.17	118		0.17	120		70-130	0		35
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG556156-4 QC Sample: L1214825-41 Client ID: MS Sample												
Mercury, Total	1.0	0.188	1.1	**53**	Q	-	-		70-130	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556281-4 QC Sample: L1214967-10 Client ID: MS Sample										
Aluminum, Total	114.	2	107	**0**	Q	-	-	80-120	-	20
Antimony, Total	0.0016J	0.5	0.0867	**17**	Q	-	-	80-120	-	20
Arsenic, Total	0.0591	0.12	0.1312	**60**	Q	-	-	80-120	-	20
Barium, Total	1.056	2	2.937	92		-	-	80-120	-	20
Beryllium, Total	0.0105	0.05	0.0604	100		-	-	80-120	-	20
Cadmium, Total	0.0089	0.051	0.0612	103		-	-	80-120	-	20
Calcium, Total	291.	10	290	**40**	Q	-	-	80-120	-	20
Chromium, Total	0.3454	0.2	0.5031	**79**	Q	-	-	80-120	-	20
Cobalt, Total	0.1610	0.5	0.6444	95		-	-	80-120	-	20
Copper, Total	0.8015	0.25	0.9622	**64**	Q	-	-	80-120	-	20
Iron, Total	300.	1	278	**0**	Q	-	-	80-120	-	20
Lead, Total	0.4519	0.51	0.9020	88		-	-	80-120	-	20
Magnesium, Total	64.0	10	68.2	**0**	Q	-	-	80-120	-	20
Manganese, Total	12.83	0.5	12.49	**0**	Q	-	-	80-120	-	20
Nickel, Total	0.3670	0.5	0.8349	94		-	-	80-120	-	20
Potassium, Total	8.83	10	17.1	**171**	Q	-	-	80-120	-	20
Selenium, Total	0.004J	0.12	0.015J	**13**	Q	-	-	80-120	-	20
Silver, Total	0.0026	0.05	0.0513	97		-	-	80-120	-	20
Sodium, Total	32.9	10	40.8	**408**	Q	-	-	80-120	-	20
Thallium, Total	0.0010J	0.12	0.1095	91		-	-	80-120	-	20
Vanadium, Total	0.1705	0.5	0.6378	**128**	Q	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556281-4 QC Sample: L1214967-10 Client ID: MS Sample										
Zinc, Total	10.73	0.5	10.08	**0**	Q	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG556596-3 WG556596-4 QC Sample: L1214641-01 Client ID: EP-3A											
Aluminum, Total	5900	163	5900	**0**	Q	6200	**184**	Q	75-125	5	35
Antimony, Total	1.0J	40.7	20	**49**	Q	18	**44**	Q	75-125	11	35
Arsenic, Total	2.0	9.77	12	102		12	102		75-125	0	35
Barium, Total	32.	163	190	97		180	91		75-125	5	35
Beryllium, Total	0.45	4.07	4.4	97		4.3	95		75-125	2	35
Cadmium, Total	ND	4.15	3.9	94		3.8	92		75-125	3	35
Calcium, Total	1200	814	1500	**37**	Q	1600	**49**	Q	75-125	6	35
Chromium, Total	15.	16.3	30	92		29	86		75-125	3	35
Cobalt, Total	5.8	40.7	45	96		45	96		75-125	0	35
Copper, Total	16.	20.3	36	98		34	88		75-125	6	35
Iron, Total	19000	81.4	22000	**3680**	Q	20000	**1230**	Q	75-125	10	35
Lead, Total	7.4	41.5	50	103		48	98		75-125	4	35
Magnesium, Total	1500	814	2100	**74**	Q	2400	111		75-125	13	35
Manganese, Total	310	40.7	460	**368**	Q	430	**295**	Q	75-125	7	35
Nickel, Total	8.8	40.7	48	96		48	96		75-125	0	35
Potassium, Total	870	814	1600	90		1700	102		75-125	6	35
Selenium, Total	ND	9.77	8.9	91		8.7	89		75-125	2	35
Silver, Total	ND	24.4	25	102		24	98		75-125	4	35
Sodium, Total	130J	814	990	122		1000	123		75-125	1	35
Thallium, Total	1.7	9.77	12	105		12	106		75-125	0	35
Vanadium, Total	27.	40.7	67	98		65	93		75-125	3	35

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG556596-3 WG556596-4 QC Sample: L1214641-01 Client ID: EP-3A										
Zinc, Total	27.	40.7	64	91		62	86	75-125	3	35
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556915-4 QC Sample: L1214897-01 Client ID: MS Sample										
Mercury, Total	ND	0.001	0.0014	**137**	Q	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 02 QC Batch ID: WG556156-3 QC Sample: L1214825-41 Client ID: DUP Sample						
Mercury, Total	1.0	0.72	mg/kg	33		35
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556281-3 QC Sample: L1214967-10 Client ID: DUP Sample						
Antimony, Total	0.0016J	0.0013J	mg/l	NC		20
Arsenic, Total	0.0591	0.0521	mg/l	13		20
Beryllium, Total	0.0105	0.0098	mg/l	7		20
Cadmium, Total	0.0089	0.0087	mg/l	2		20
Chromium, Total	0.3454	0.3256	mg/l	6		20
Copper, Total	0.8015	0.7700	mg/l	4		20
Lead, Total	0.4519	0.4305	mg/l	5		20
Nickel, Total	0.3670	0.3384	mg/l	8		20
Selenium, Total	0.004J	0.005J	mg/l	NC		20
Silver, Total	0.0026	0.0023J	mg/l	NC		20
Thallium, Total	0.0010J	0.0009J	mg/l	NC		20
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556281-3 QC Sample: L1214967-10 Client ID: DUP Sample						
Zinc, Total	10.73	10.50	mg/l	2		20
Total Metals - Westborough Lab Associated sample(s): 03 QC Batch ID: WG556915-3 QC Sample: L1214897-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

SAMPLE RESULTS

Lab ID: L1214641-01
Client ID: EP-3A
Sample Location: 105 METROPOLITAN AVE, BROOKLYN
Matrix: Soil

Date Collected: 08/15/12 11:42
Date Received: 08/15/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	08/20/12 16:20	30,2540G	CM

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

SAMPLE RESULTS

Lab ID: L1214641-02
Client ID: BLIND DUP
Sample Location: 105 METROPOLITAN AVE, BROOKLYN
Matrix: Soil

Date Collected: 08/15/12 12:10
Date Received: 08/15/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85		%	0.10	NA	1	-	08/20/12 16:20	30,2540G	CM

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555882-1 QC Sample: L1214641-01 Client ID: EP-3A						
Solids, Total	93.	92	%	1		20

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1214641-01A	Amber 120ml unpreserved	A	N/A	3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1214641-01B	Amber 120ml unpreserved	A	N/A	3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1214641-02A	Amber 120ml unpreserved	A	N/A	3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1214641-03A	Plastic 500ml unpreserved	A	7	3	N	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214641
Report Date: 08/27/12

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)

Container Comments

L1214641-01B

L1214641-02A

*Values in parentheses indicate holding time in days

Project Name:	MAV1201	**Lab Number:**	L1214641
Project Number:	MAV1201	**Report Date:**	08/27/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1214641
Project Number:	MAV1201	**Report Date:**	08/27/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1214641
Project Number:	MAV1201	**Report Date:**	08/27/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/15/12

ALPHA Job #: L1214641

Serial No:08271211

Client Information

Client: PWGC
Address: 630 Johnson Ave. Bohemia, NY 11716
Phone: 631-589-6353
Fax: 631-589-8705
Email: JenniferL@pwgcosser.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: MAV1201
Project Location: 165 Metropolitan Ave. Brooklyn NY
Project #: MAV1201
Project Manager: Jennifer Lewis
ALPHA Quote #:

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

Hold samples. Will run based on results of EP-2A and EP-3A

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TAL Metals	TAL Metals	Sample Specific Comments	TOTAL # BOTTLES
14641-1	EP-3A MS/MSD	8/15/12	1142	S	KER	X		HOLD	2
-2	Blind Dup	8/15/12	1210	S	KER	X		HOLD	1
-3	Field Blank	8/15/12	1120		KER		X	HOLD	1

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do (Please specify below)

Container Type	A	P
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
K. Rubio	8/15/12 1220		
	8/15/12 2000		8/15/12 2000
	8/15/12 2355	C	8/15/12 2355

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1214656
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Jennifer Lewis
Phone:	(631) 589-6353
Project Name:	MAV1201
Project Number:	MAV1201
Report Date:	08/16/12

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1214656-01	EP-3A	105 METROPOLITAN AVE. BROOKLYN	08/15/12 11:40
L1214656-02	EP-2A	105 METROPOLITAN AVE. BROOKLYN	08/15/12 12:04

Project Name: MAV1201 **Lab Number:** L1214656
Project Number: MAV1201 **Report Date:** 08/16/12

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples free of charge for 30 days from the date the project is completed. After 30 days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	MAV1201	**Lab Number:**	L1214656
Project Number:	MAV1201	**Report Date:**	08/16/12

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Metals

L1214656-01 and -02 have elevated detection limits for all analytes, with the exception of Mercury, due to the dilution required by the sample matrix.

The WG555124-4 MS recoveries for Aluminum (568%) and Iron (0%), performed on L1214656-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG555124-4 MS recovery, performed on L1214656-01, is outside the acceptance criteria for Antimony (52%). A post digestion spike was performed with an acceptable recovery of 87%.

The WG555124-3 Laboratory Duplicate RPD, performed on L1214656-01, is outside the acceptance criteria for Lead (36%). The elevated RPD has been attributed to the non-homogeneous nature of the sample utilized for the Laboratory Duplicate.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Elizabeth Simmons

Title: Technical Director/Representative Date: 08/16/12

METALS

Project Name: MAV1201 **Lab Number:** L1214656

Project Number: MAV1201 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1214656-01 Date Collected: 08/15/12 11:40

Client ID: EP-3A Date Received: 08/15/12

Sample Location: 105 METROPOLITAN AVE. BROOKLYN Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6000		mg/kg	8.8	2.0	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Antimony, Total	0.97	J	mg/kg	4.4	0.84	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Arsenic, Total	2.1		mg/kg	0.88	0.30	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Barium, Total	43		mg/kg	0.88	0.07	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Beryllium, Total	0.37	J	mg/kg	0.44	0.03	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.88	0.06	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Calcium, Total	730		mg/kg	8.8	1.9	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Chromium, Total	15		mg/kg	0.88	0.18	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Cobalt, Total	5.4		mg/kg	1.8	0.19	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Copper, Total	16		mg/kg	0.88	0.41	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Iron, Total	19000		mg/kg	4.4	1.5	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Lead, Total	13		mg/kg	4.4	0.25	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Magnesium, Total	1400		mg/kg	8.8	4.0	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Manganese, Total	340		mg/kg	0.88	0.09	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Mercury, Total	0.03	J	mg/kg	0.10	0.02	1	08/16/12 14:10	08/16/12 15:07	EPA 7471B	1,7471B	KL
Nickel, Total	9.3		mg/kg	2.2	0.25	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Potassium, Total	880		mg/kg	220	71.	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.8	0.29	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.88	0.14	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Sodium, Total	120	J	mg/kg	180	70.	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Thallium, Total	2.0		mg/kg	1.8	0.55	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Vanadium, Total	28		mg/kg	0.88	0.20	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG
Zinc, Total	30		mg/kg	4.4	0.48	2	08/16/12 07:45	08/16/12 12:41	EPA 3050B	1,6010C	MG

Project Name: MAV1201 **Lab Number:** L1214656

Project Number: MAV1201 **Report Date:** 08/16/12

SAMPLE RESULTS

Lab ID: L1214656-02 Date Collected: 08/15/12 12:04

Client ID: EP-2A Date Received: 08/15/12

Sample Location: 105 METROPOLITAN AVE. BROOKLYN Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	8.2	1.8	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Antimony, Total	5.6		mg/kg	4.1	0.78	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Arsenic, Total	4.2		mg/kg	0.82	0.28	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Barium, Total	86		mg/kg	0.82	0.07	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Beryllium, Total	0.70		mg/kg	0.41	0.03	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.82	0.05	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Calcium, Total	1500		mg/kg	8.2	1.8	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Chromium, Total	25		mg/kg	0.82	0.16	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Cobalt, Total	10		mg/kg	1.6	0.18	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Copper, Total	30		mg/kg	0.82	0.38	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Iron, Total	37000		mg/kg	4.1	1.4	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Lead, Total	13		mg/kg	4.1	0.23	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Magnesium, Total	2000		mg/kg	8.2	3.7	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Manganese, Total	930		mg/kg	0.82	0.08	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/16/12 14:10	08/16/12 15:12	EPA 7471B	1,7471B	KL
Nickel, Total	17		mg/kg	2.0	0.23	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Potassium, Total	1400		mg/kg	200	65.	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Selenium, Total	ND		mg/kg	1.6	0.27	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Silver, Total	ND		mg/kg	0.82	0.13	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Sodium, Total	240		mg/kg	160	65.	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Thallium, Total	3.7		mg/kg	1.6	0.51	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Vanadium, Total	45		mg/kg	0.82	0.18	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG
Zinc, Total	47		mg/kg	4.1	0.44	2	08/16/12 07:45	08/16/12 12:51	EPA 3050B	1,6010C	MG

Project Name: MAV1201 **Lab Number:** L1214656

Project Number: MAV1201 **Report Date:** 08/16/12

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG555124-1										
Aluminum, Total	1.2	J	mg/kg	4.0	0.89	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Antimony, Total	ND		mg/kg	2.0	0.38	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Arsenic, Total	ND		mg/kg	0.40	0.14	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.03	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Beryllium, Total	ND		mg/kg	0.20	0.01	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Calcium, Total	2.1	J	mg/kg	4.0	0.87	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Cobalt, Total	ND		mg/kg	0.80	0.09	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Copper, Total	ND		mg/kg	0.40	0.18	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Iron, Total	ND		mg/kg	2.0	0.69	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.11	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Magnesium, Total	ND		mg/kg	4.0	1.8	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Manganese, Total	ND		mg/kg	0.40	0.04	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Nickel, Total	ND		mg/kg	1.0	0.11	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Potassium, Total	ND		mg/kg	100	32.	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.13	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.07	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Sodium, Total	ND		mg/kg	80	32.	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Thallium, Total	ND		mg/kg	0.80	0.25	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Vanadium, Total	ND		mg/kg	0.40	0.09	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG
Zinc, Total	ND		mg/kg	2.0	0.22	1	08/16/12 07:45	08/16/12 12:34	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG555205-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	08/16/12 14:10	08/16/12 15:03	1,7471B	KL

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214656

Report Date: 08/16/12

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG555124-2								
Aluminum, Total	100		-		75-125	-		
Antimony, Total	94		-		75-125	-		
Arsenic, Total	101		-		75-125	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	96		-		75-125	-		
Cadmium, Total	97		-		75-125	-		
Calcium, Total	96		-		75-125	-		
Chromium, Total	94		-		75-125	-		
Cobalt, Total	96		-		75-125	-		
Copper, Total	96		-		75-125	-		
Iron, Total	94		-		75-125	-		
Lead, Total	97		-		75-125	-		
Magnesium, Total	94		-		75-125	-		
Manganese, Total	96		-		75-125	-		
Nickel, Total	96		-		75-125	-		
Potassium, Total	99		-		75-125	-		
Selenium, Total	96		-		75-125	-		
Silver, Total	102		-		75-125	-		
Sodium, Total	102		-		75-125	-		
Thallium, Total	101		-		75-125	-		
Vanadium, Total	96		-		75-125	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MAV1201

Project Number: MAV1201

Lab Number: L1214656

Report Date: 08/16/12

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG555124-2					
Zinc, Total	94	-	75-125	-	
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG555205-2 SRM Lot Number: 0518-10-02					
Mercury, Total	114	-	67-133	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555124-4 QC Sample: L1214656-01 Client ID: EP-3A												
Aluminum, Total	6000	176	7000	**568**	Q	-	-		75-125	-		35
Antimony, Total	0.97J	44	23	**52**	Q	-	-		75-125	-		35
Arsenic, Total	2.1	10.6	13	103		-	-		75-125	-		35
Barium, Total	43.	176	200	89		-	-		75-125	-		35
Beryllium, Total	0.37J	4.4	4.8	109		-	-		75-125	-		35
Cadmium, Total	ND	4.49	4.3	96		-	-		75-125	-		35
Calcium, Total	730	880	1600	99		-	-		75-125	-		35
Chromium, Total	15.	17.6	33	102		-	-		75-125	-		35
Cobalt, Total	5.4	44	49	99		-	-		75-125	-		35
Copper, Total	16.	22	36	91		-	-		75-125	-		35
Iron, Total	19000	88	19000	**0**	Q	-	-		75-125	-		35
Lead, Total	13.	44.9	53	89		-	-		75-125	-		35
Magnesium, Total	1400	880	2200	91		-	-		75-125	-		35
Manganese, Total	340	44	390	114		-	-		75-125	-		35
Nickel, Total	9.3	44	52	97		-	-		75-125	-		35
Potassium, Total	880	880	1900	116		-	-		75-125	-		35
Selenium, Total	ND	10.6	9.9	94		-	-		75-125	-		35
Silver, Total	ND	26.4	28	106		-	-		75-125	-		35
Sodium, Total	120J	880	1100	125		-	-		75-125	-		35
Thallium, Total	2.0	10.6	13	104		-	-		75-125	-		35
Vanadium, Total	28.	44	70	95		-	-		75-125	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555124-4 QC Sample: L1214656-01 Client ID: EP-3A									
Zinc, Total	30.	44	71	93	-	-	75-125	-	35
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555205-4 QC Sample: L1214656-01 Client ID: EP-3A									
Mercury, Total	0.03J	0.186	0.24	129	-	-	70-130	-	35

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555124-3 QC Sample: L1214656-01 Client ID: EP-3A						
Aluminum, Total	6000	6400	mg/kg	6		35
Antimony, Total	0.97J	ND	mg/kg	NC		35
Arsenic, Total	2.1	2.0	mg/kg	5		35
Barium, Total	43.	34	mg/kg	23		35
Beryllium, Total	0.37J	0.38J	mg/kg	NC		35
Cadmium, Total	ND	ND	mg/kg	NC		35
Calcium, Total	730	710	mg/kg	3		35
Chromium, Total	15.	14	mg/kg	7		35
Cobalt, Total	5.4	5.7	mg/kg	5		35
Copper, Total	16.	14	mg/kg	13		35
Iron, Total	19000	19000	mg/kg	0		35
Lead, Total	13.	9.0	mg/kg	**36**	Q	35
Magnesium, Total	1400	1400	mg/kg	0		35
Manganese, Total	340	370	mg/kg	8		35
Nickel, Total	9.3	9.8	mg/kg	5		35
Potassium, Total	880	940	mg/kg	7		35
Selenium, Total	ND	ND	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Sodium, Total	120J	ND	mg/kg	NC		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555124-3 QC Sample: L1214656-01 Client ID: EP-3A					
Thallium, Total	2.0	1.8	mg/kg	11	35
Vanadium, Total	28.	28	mg/kg	0	35
Zinc, Total	30.	29	mg/kg	3	35
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555205-3 QC Sample: L1214656-01 Client ID: EP-3A					
Mercury, Total	0.03J	0.04J	mg/kg	NC	35

INORGANICS
&
MISCELLANEOUS

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1214656-01
Client ID: EP-3A
Sample Location: 105 METROPOLITAN AVE. BROOKLYN
Matrix: Soil

Date Collected: 08/15/12 11:40
Date Received: 08/15/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86		%	0.10	NA	1	-	08/16/12 01:50	30,2540G	RD

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

SAMPLE RESULTS

Lab ID: L1214656-02
Client ID: EP-2A
Sample Location: 105 METROPOLITAN AVE. BROOKLYN
Matrix: Soil

Date Collected: 08/15/12 12:04
Date Received: 08/15/12
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93		%	0.10	NA	1	-	08/16/12 01:50	30,2540G	RD

Lab Duplicate Analysis
Batch Quality Control

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG555094-1 QC Sample: L1214638-01 Client ID: DUP Sample						
Solids, Total	92.	92	%	0		20

Project Name: MAV1201
Project Number: MAV1201

Lab Number: L1214656
Report Date: 08/16/12

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1214656-01A	Amber 120ml unpreserved	A	N/A	3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1214656-02A	Amber 120ml unpreserved	A	N/A	3	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	MAV1201	**Lab Number:**	L1214656
Project Number:	MAV1201	**Report Date:**	08/16/12

GLOSSARY

Acronyms

EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than five times (5x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
G	- The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
H	- The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
I	- The RPD between the results for the two columns exceeds the method-specified criteria; however, the lower value has been reported due to obvious interference.
M	- Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
NJ	- Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1214656
Project Number:	MAV1201	**Report Date:**	08/16/12

Data Qualifiers

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL). This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample.

Report Format: DU Report with "J" Qualifiers

Project Name:	MAV1201	**Lab Number:**	L1214656
Project Number:	MAV1201	**Report Date:**	08/16/12

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IIIA, 1997.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certificate/Approval Program Summary

Last revised August 16, 2012 - Westboro Facility

The following list includes only those analytes/methods for which certification/approval is currently held.
For a complete listing of analytes for the referenced methods, please contact your Alpha Customer Service Representative.

Connecticut Department of Public Health Certificate/Lab ID: PH-0574. ***NELAP Accredited Solid Waste/Soil.***

Drinking Water (Inorganic Parameters: Color, pH, Turbidity, Conductivity, Alkalinity, Chloride, Free Residual Chlorine, Fluoride, Calcium Hardness, Sulfate, Nitrate, Nitrite, Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Sodium, Thallium, Zinc, Total Dissolved Solids, Total Organic Carbon, Total Cyanide, Perchlorate. Organic Parameters: Volatile Organics 524.2, Total Trihalomethanes 524.2, 1,2-Dibromo-3-chloropropane (DBCP) 504.1, Ethylene Dibromide (EDB) 504.1, 1,4-Dioxane (Mod 8270). Microbiology Parameters: Total Coliform-MF mEndo (SM9222B), Total Coliform – Colilert (SM9223, Enumeration and P/A), E. Coli. – Colilert (SM9223, Enumeration and P/A), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform-EC Medium (SM 9221E).

Wastewater/Non-Potable Water (Inorganic Parameters: Color, pH, Conductivity, Acidity, Alkalinity, Chloride, Total Residual Chlorine, Fluoride, Total Hardness, Silica, Sulfate, Sulfide, Ammonia, Kjeldahl Nitrogen, Nitrate, Nitrite, O-Phosphate, Total Phosphorus, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Tin, Titanium, Vanadium, Zinc, Total Residue (Solids), Total Dissolved Solids, Total Suspended Solids (non-filterable), BOD, CBOD, COD, TOC, Total Cyanide, Phenolics, Foaming Agents (MBAS), Bromide, Oil and Grease. Organic Parameters: PCBs, Organochlorine Pesticides, Technical Chlordane, Toxaphene, Acid Extractables (Phenols), Benzidines, Phthalate Esters, Nitrosamines, Nitroaromatics & Isophorone, Polynuclear Aromatic Hydrocarbons, Haloethers, Chlorinated Hydrocarbons, Volatile Organics, TPH (HEM/SGT), CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH. Microbiology Parameters: Total Coliform – MF mEndo (SM9222B), Total Coliform – MTF (SM9221B), E. Coli – Colilert (SM9223 Enumeration), HPC – Pour Plate (SM9215B), Fecal Coliform – MF m-FC (SM9222D), Fecal Coliform – A-1 Broth (SM9221E), Enterococcus - Enterolert.

Solid Waste/Soil (Inorganic Parameters: pH, Sulfide, Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Hexavalent Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Tin, Vanadium, Zinc, Total Cyanide, Ignitability, Phenolics, Corrosivity, TCLP Leach (1311), SPLP Leach (1312 metals only), Reactivity. Organic Parameters: PCBs, PCBs in Oil, Organochlorine Pesticides, Technical Chlordane, Toxaphene, CT-Extractable Petroleum Hydrocarbons (ETPH), MA-EPH, MA-VPH, Dicamba, 2,4-D, 2,4,5-T, 2,4,5-TP(Silvex), Dalapon, Volatile Organics (SW 8260), Acid Extractables (Phenols) (SW 8270), Benzidines (SW 8270), Phthalates (SW 8270), Nitrosamines (SW 8270), Nitroaromatics & Cyclic Ketones (SW 8270), PAHs (SW 8270), Haloethers (SW 8270), Chlorinated Hydrocarbons (SW 8270).)

Maine Department of Human Services Certificate/Lab ID: 2009024.
Drinking Water (Inorganic Parameters: SM9215B, 9222D, 9223B, EPA 180.1, 353.2, SM2130B, 2320B, 2540C, 4500Cl-D, 4500CN-C, 4500CN-E, 4500F-C, 4500H+B, 4500NO3-F, EPA 200.7, EPA 200.8, 245.1, EPA 300.0. Organic Parameters: 504.1, 524.2.)

Wastewater/Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 350.1, 351.1, 353.2, 410.4, 420.1, SM2320B, 2510B, 2540C, 2540D, 426C, 4500Cl-D, 4500Cl-E, 4500CN-C, 4500CN-E, 4500F-B, 4500F-C, 4500H+B, 4500Norg-B, 4500Norg-C, 4500NH3-B, 4500NH3-G, 4500NO3-F, 4500P-B, 4500P-E, 5210B, 5220D, 5310C, 9010B, 9040B, 9030B, 7470A, 7196A, 2340B, EPA 200.7, 6010B, 200.8, 6020, 245.1, 1311, 1312, 3005A, Enterolert, 9223D, 9222D. Organic Parameters: 608, 624, 625, 8081A, 8082, 8330, 8151A, 8260B, 8270C, 3510C, 3630C, 5030B, ME-DRO, ME-GRO, MA-EPH, MA-VPH.)

Solid Waste/Soil (Inorganic Parameters: 9010B, 9012A, 9014A, 9030B, 9040B, 9045C, 6010B, 7471A, 7196A, 9050A, 1010, 1030, 9065, 1311, 1312, 3005A, 3050B. Organic Parameters: ME-DRO, ME-GRO, MA-EPH, MA-VPH, 8260B, 8270C, 8330, 8151A, 8081A, 8082, 3540C, 3546, 3580A, 3630C, 5030B, 5035.)

Massachusetts Department of Environmental Protection Certificate/Lab ID: M-MA086.
*Drinking Water (*Inorganic Parameters: (EPA 200.8 for: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl) (EPA 200.7 for: Ba,Be,Ca,Cd,Cr,Cu,Na,Ni) 245.1, (300.0 for: Nitrate-N, Fluoride, Sulfate); (EPA 353.2 for: Nitrate-N, Nitrite-N); (SM4500NO3-F for: Nitrate-N and Nitrite-N); 4500F-C, 4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, 2320B, SM2540C, SM4500H-B. Organic Parameters: (EPA 524.2 for: Trihalomethanes, Volatile Organics); (504.1 for: 1,2-Dibromoethane, 1,2-Dibromo-3-Chloropropane), EPA 332. Microbiology Parameters: SM9215B; ENZ. SUB. SM9223; ColilertQT SM9223B; MF-SM9222D.)

*Non-Potable Water (*Inorganic Parameters:, (EPA 200.8 for: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn); (EPA 200.7

for: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn); 245.1, SM4500H,B, EPA 120.1, SM2510B, 2540C, 2340B, 2320B, 4500CL-E, 4500F-BC, 426C, SM4500NH3-BH, (EPA 350.1 for: Ammonia-N), LACHAT 10-107-06-1-B for Ammonia-N, SM4500NO3-F, 353.2 for Nitrate-N, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, 4500P-B,E, 5220D, EPA 410.4, SM 5210B, 5310C, 4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.
Organic Parameters: (EPA 624 for Volatile Halocarbons, Volatile Aromatics),(608 for: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT,Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs-Water), (EPA 625 for SVOC Acid Extractables and SVOC Base/Neutral Extractables), 600/4-81-045-PCB-Oil. Microbiology Parameters: (ColilertQT SM9223B; Enterolert-QT: SM9222D-MF.)

New Hampshire Department of Environmental Services Certificate/Lab ID: 200307. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM 9222B, 9223B, 9215B, EPA 200.7, 200.8, 300.0, SM4500CN-E, 4500H+B, 4500NO3-F, 2320B, 2510B, 2540C, 4500F-C, 5310C, 2120B, EPA 332.0. Organic Parameters: 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM9222D, 9221B, 9222B, 9221E-EC, EPA 3005A, 200.7, 200.8, 245.1, SW-846 6010B, 6010C, 6020, 6020A, 7196A, 7470A, SM3500-CR-D, EPA 120.1, 300.0, 350.1, 350.2, 351.1, 353.2, 410.4, 420.1, 426C, 1664A, SW-846 9010B, 9030B, 9040B, SM2120B, 2310B, 2320B, 2540B, 2540D, 4500H+B, 4500CL-E, 4500CN-E, 4500NH3-H, 4500NO3-F, 4500NO2-B, 4500P-E, 4500-S2-D, 5210B, 5220D, 2510B, 2540C, 4500F-C, 5310C, 5540C, LACHAT 10-204-00-1-A, LACHAT 10-107-06-2-D, 3060A. Organic Parameters: SW-846 3510C, 3630C, 5030B, 8260B, 8270C, 8270D, 8330, EPA 624, 625, 608, SW-846 8082, 8082A, 8081A, 8081B, 8151A, 8330, 8270C-SIM, 8270D-SIM.)

Solid & Chemical Materials (Inorganic Parameters: SW-846 6010B, 6010C, 7196A, 7471A, 1010, 1030, 9010, 9012A, 9014, 9030B, 9040B, 9045C, 9050, 9065,1311, 1312, 3005A, 3050B, 3060A. Organic Parameters: SW-846 3540C, 3546, 3050B, 3580A, 3630C, 5030B, 5035, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, 8151A, 8015B, 8015C, 8082, 8082A, 8081A, 8081B.)

New Jersey Department of Environmental Protection Certificate/Lab ID: MA935. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9222B, 9221E, 9223B, 9215B, 4500CN-CE, 4500NO3-F, 4500F-C, EPA 300.0, 200.7, 200.8, 245.1, 2540C, SM2120B, 2320B, 2510B, 5310C, SM4500H-B. Organic Parameters: EPA 332, 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: SM5210B, EPA 410.4, SM5220D, 4500Cl-E, EPA 300.0, SM2120B, 2340B, SM4500F-BC, EPA 200.7, 200.8, 351.1, LACHAT 10-107-06-2-D, EPA 353.2, SM4500NO3-F, 4500NO2-B, EPA 1664A, SM5310B, C or D, 4500-PE, EPA 420.1, SM510ABC, SM4500P-B5+E, 2540B, 2540C, 2540D, 2540G, EPA 120.1, SM2510B, SM2520B, SM15 426C, 9222D, 9221B, 9221C, 9221E, 9222B, 9215B, 2310B, 2320B, 4500NH3-H, 4500-S D, EPA 350.1, 350.2, SW-846 1312, 7470A, 5540C, SM4500H-B, 4500SO3-B, SM3500Cr-D, 4500CN-CE, EPA 245.1, SW-846 9040B, 3005A, 3015, EPA 6010B, 6010C, 6020, 6020A, 7196A, 3060A, SW-846 9010B, 9030B. Organic Parameters: SW-846 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3510C, EPA 608, 624, 625, SW-846 3630C, 5030B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 1,4-Dioxane by NJ Modified 8270, 8015B, NJ EPH.)

Solid & Chemical Materials (Inorganic Parameters: SW-846, 6010B, 6010C, 6020, 6020A, 7196A, 3060A, 9010B, 9030B, 1010, 1030, 1311, 1312, 3005A, 3050B, 7471A, 7471B, 9014, 9012A, 9040B, 9040C, 9045C, 9045D, 9050A, 9065, 9251. Organic Parameters: SW-846 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8330, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 3540C, 3546, 3580A, 3630C, 5030B, 5035L, 5035H, NJ OQA-QAM-025 Rev.7, NJ EPH.)

New York Department of Health Certificate/Lab ID: 11148. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: SM9223B, 9222B, 9215B, EPA 200.8, 200.7, 245.2, SM5310C, EPA 332.0, SM2320B, EPA 300.0, SM2120B, 4500CN-E, 4500F-C, 4500NO3-F, 2540C, SM 2510B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: SM9221E, 9222D, 9221B, 9222B, 9215B, 5210B, 5310C, EPA 410.4, SM5220D, 2310B-4a, 2320B, EPA 200.7, 300.0, SM4500CL-E, 4500F-C, SM15 426C, EPA 350.1, SM4500NH3-BH, EPA 351.1, LACHAT 10-107-06-2, EPA 353.2, SM4500-NO3-F, 4500-NO2-B, 4500P-E, 2540C, 2540B, 2540D, EPA 200.8, EPA 6010B, 6010C, 6020, 6020A, EPA 7196A, SM3500Cr-D, EPA 245.1, 245.2, 7470A, SM2120B, LACHAT 10-204-00-1-A, 4500CN-CE, EPA 1664A, EPA 420.1, SM14 510C, EPA 120.1, SM2510B, SM4500S-D, SM5540C, EPA 3005A, 3015, 9010B, 9030B. Organic Parameters: EPA 624, 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 625, 608, 8081A, 8081B, 8151A, 8330, 8082, 8082A, EPA 3510C, 5030B.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010, 1030, EPA 6010B, 6010C, 7196A, 7471A, 7471B, 9012A, 9014, 9065, 9050A, EPA 1311, 1312, 3005A, 3050B, 9010B, 9040C, 9045D. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8015B, 8015C, 8081A, 8081B, 8151A, 8330, 8082 8082A, 3540C, 3546, 3580, 3580A, 5030B, 5035A-H, 5035A-L.)

North Carolina Department of the Environment and Natural Resources Certificate/Lab ID : 666. (Inorganic Parameters: SM2310B, 2320B, 4500Cl-E, 4500Cn-E, 9014, Lachat 10-204-00-1-X, 1010A, 1030, 4500NO3-F, 353.2, 4500P-E, 4500SO4-E, 300.0, 4500S-D, 5310B, 5310C, 6010C, 6020A, 200.7, 200.8, 3500Cr-B, 7196A, 245.1, 7471A, 7471B, 1311,1312. Organic Parameters: 608, 8081B, 8082A, 624, 8260B, 625, 8270D, 8151A, 8015C, 504.1, MA-EPH, MA-VPH.)

Drinking Water Program Certificate/Lab ID: 25700. (Inorganic Parameters: Chloride EPA 300.0. Organic Parameters: 524.2)

Pennsylvania Department of Environmental Protection Certificate/Lab ID : 68-03671. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: 200.7, 200.8, 245.2, 300.0, 332.0, 2120B, 2320B, 2510B, 2540C, 4500-CN-CE, 4500F-C, 4500H+-B, 4500NO3-F, 5310C. Organic Parameters: EPA 524.2, 504.1)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1312, 3005A,3015, 3060A, 200.7, 200.8, 410.4, 1664A, SM2540D, 5210B, 5220D, 4500-P,BE, 245.1, 300.0, 3501., 350.2, 353.2, 420.1, 6010B, 6010C, 6020, 6020A, 7196A, 7470A, 9010B, 9030B, 9040B, Lachat 10-107-06-2-D, NJ-EPH, 2120B, 2310B, 2320B, 2340B, 2510C, 2540B, 2540C, 3500Cr-D, 436C, 4500CN-CE, 4500Cl-E, 4500F-B, 4500F-C, 4500H+-B, 4500NO2-B, 4500NO3-F, 4500S-D, 4500SO3-B, 5310BCD, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 625, 624, 608, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8330, 8015B,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 350.1, 1010, 1030, 1311, 1312, 3005A, 3050B, 3060A, 6010B, 6010C, 6020A, 7196A, 7471A, 7471B, 9010B, 9012A, 9014, 9040B, 9045C, 9050, 9065, SM 4500NH3-BH, 9030B, 9038, 9251. Organic Parameters: 3540C, 3546, 3580A, 3630C, 5035, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8260B, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330, NJ-EPH.)

Rhode Island Department of Health Certificate/Lab ID: LAO00065. ***NELAP Accredited via NJ-DEP.***
Refer to MA-DEP Certificate for Potable and Non-Potable Water.
Refer to NJ-DEP Certificate for Potable and Non-Potable Water.

Texas Commisson on Environmental Quality Certificate/Lab ID: T104704476-09-1. ***NELAP Accredited.***
Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664, 200.7, 200.8, 245.1, 245.2, 300.0, 350.1, 351.1, 353.2, 410.4, 420.1, 6010, 6020, 7196, 7470, 9040, SM 2120B, 2310B, 2320B, 2510B, 2540B, 2540C, 2540D, 426C, 4500CL-E, 4500CN-E, 4500F-C, 4500H+B, 4500NH3-H, 4500NO2B, 4500P-E, 4500 $S2^{-}$D, 510C, 5210B, 5220D, 5310C, 5540C. Organic Parameters: EPA 608, 624, 625, 8081, 8082, 8151, 8260, 8270, 8330.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1311, 1312, 9012, 9014, 9040, 9045, 9050, 9065.)

Virginia Division of Consolidated Laboratory Services Certificate/Lab ID: 460195. ***NELAP Accredited.***
Drinking Water (Inorganic Parameters: EPA 200.7, 200.8, 300.0, 2510B, 2120B, 2540C, 4500CN-CE, 245.2, 2320B, 4500F-C, 4500F-C, 4500NO3-F, 5310C. Organic Parameters: EPA 504.1, 524.2.)

Non-Potable Water (Inorganic Parameters: EPA 120.1, 1664A, 200.7, 2..08, 245.1, 300.0, 3005A, 3015, 1312, 6010B, 6010C, 3060A, 353.2, 420.1, 6020, 6020A, SM4500S-D, SM4500-CN-CE, Lachat 10-204-00-1-X, 7196A, 7470A, 9010B, 9040B, 2310B, 2320B, 2510B, 2540B, 2540C, 3500Cr-D, 426C, 4500Cl-E, 4500F-B, 4500F-C, 4500PE, 510AC, 5210B, 5310B 5310C, 5540C. Organic Parameters: EPA 3510C, 3630C, 5030B, 8260B, 608, 624, 625, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330,)

Solid & Hazardous Waste (Inorganic Parameters: EPA 1010A, 1030, 3060A, 3050B, 1311, 1312, 6010B, 6010C, 6020, , 7196A, 7471A, 7471B, 6020A, 9030B, 9010B, 9012A, 9014 9040B, 9045C, 9050A, 9065. Organic Parameters: EPA 5035, 3540C, 3546, 3550, 3580, 3630C, 8260B, 8015B, 8015C, 8081A, 8081B, 8082, 8082A, 8151A, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330.)

Department of Defense, L-A-B Certificate/Lab ID: L2217.
Drinking Water (Inorganic Parameters: SM 4500H-B. Organic Parameters: EPA 524.2, 504.1.)

Non-Potable Water (Inorganic Parameters: EPA 200.7, 200.8, 6010B, 6010C, 6020, 6020A, 245.1, 245.2, 7470A, 9040B, 9010B, 180.1. 300.0, 332.0, 6860, 353.2, 410.4, 9060, 1664A, SM 4500CN-E, 4500H-B, 4500NO3-F, 4500CL-D, 5220D, 5310C, 2130B, 2320B, 2540C, 3005A, 3015, 9010B, 9056. Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A, 8082, 8082A, 8081A, 8081B, 3510C, 5030B, MassDEP EPH, MassDEP VPH.)

Solid & Hazardous Waste (Inorganic Parameters: EPA 200.7, 6010B, 6010C, 7471A, 6860, 1311, 1312, 3050B, 7196A, 9010B, 9012A, 9040B, 9045C, 3500-CR-D, 4500CN-CE, 2540G, Organic Parameters: EPA 8260B, 8260C, 8270C, 8270D, 8270C-SIM, 8270D-SIM, 8330A/B-prep, 8082, 8082A, 8081A, 8081B, 3540C, 3546, 3580A, 5035A, MassDEP EPH, MassDEP VPH.)

The following analytes are not included in our current NELAP/TNI Scope of Accreditation:
EPA 8260B: Freon-113, 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene. **EPA 8330A:** PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT. **EPA 8270C:** Methyl naphthalene, Dimethyl naphthalene, Total Methylnapthalenes, Total Dimethylnaphthalenes, 1,4-Diphenylhydrazine (Azobenzene). **EPA 625:** 4-Chloroaniline, 4-Methylphenol. Total Phosphorus in a soil matrix, Chloride in a soil matrix, TKN in a soil matrix, NO2 in a soil matrix, NO3 in a soil matrix, SO4 in a soil matrix. **EPA 9071:** Total Petroleum Hydrocarbons, Oil & Grease.

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 8/15/12

ALPHA Job #: L1214650

Serial No:08161211

Client Information

Client: PW Grosser
Address: 630 Johnson Avenue
Bohemia, New York
Phone: (631) 589-6353
Fax: (631) 589-8705
Email: jenniferl@pwgrosser.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: MAV1201
Project Location: 105 metropalitan Avenue Brooklyn, NY
Project #: MAV1201
Project Manager: Jennifer Lewis
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)

Date Due: 8/16/12 24 hr. Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TAL METALS	SAMPLE HANDLING	TOTAL # BOTTLES
14656 1	EP-3A	8/15/12	1140	S	KER	X		1
2	EP-2A	8/15/12	1204	S	KER	X		1

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Sample Specific Comments

Container Type	A	A
Preservative	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
K Rubio	8/15/12 1220	Shoeck	8/15/12 1220
Shoeck	8/15/12 2000		8/15/12 2000
	8/15/12 2355		8/15/12 2355

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

APPENDIX D

DISPOSAL FACILITY DOCUMENTATION

Post-it® Fax Note 7671	Date 5/12/2010	# of pages ▶ 23
To Arer.l Rance	From Joe Staab	
Co./Dept. CEC	Co. NJDEP	
Phone # (215) 734-1400	Phone # 609 984-2209	
Fax # (267) 803-1782	Fax #	

State of N
DEPARTMENT OF ENVIRON

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

Acting Commissioner

Solid and Hazardous Waste Management Program
Bureau of Transfer Stations & Recycling Facilities
P.O. Box 414 401 East State Street
Trenton, New Jersey 08625-0414
Telephone: (609) 984-5950 Telecopier: (609) 633-9839
http://www.state.nj.us/dep/dshw

May 12, 2010

Thomas J. Kushnir
General Manager
Clean Earth of Carteret, Inc.
24 Middlesex Avenue
Carteret, NJ 07008

Re: Modification of a Class B Recycling Center General Approval
Clean Earth of Carteret, Inc.
Block 1, Lot 302
Borough of Carteret, Middlesex County
Facility ID No: 132310
Permit No.: CBG080002

Dear Mr. Kushnir:

Please be advised that the New Jersey Department of Environmental Protection, Solid & Hazardous Waste Management Program has reached a final determination to modify the Recycling Center General Approval for the referenced facility. Enclosed is a copy of the final document.

Should you wish to contest any of the conditions of the enclosed general approval, you must file a request for an adjudicatory hearing within twenty (20) days of the date you receive this decision notice in accordance with the procedures found in N.J.A.C. 7:26A-3.14. A copy of the request should also be mailed to this office.

If you have any questions concerning this matter, please contact Joseph Staab of my staff at (609) 984-6814, or by email at joseph.staab@dep.state.nj.us.

Sincerely,

Anthony Fontana

Anthony Fontana, Chief
Bureau of Transfer Stations
and Recycling Facilities

Enclosures

C: Rai Belonzi, Chief, County Environmental and Waste Enforcement
Brian Petitt, Supervisor, County Environmental and Waste Enforcement
Bruce Witkowski, Supervisor, Solid Waste Permitting
David Papi, Director, Middlesex County CEHA Agent
Chris Sikorski, Middlesex Recycling Coordinator
Kathleen M. Barney, Borough of Carteret Municipal Clerk
Averil Rance, VP of Envir. Health & Safety, Clean Earth of Carteret, Inc.

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Solid & Hazardous Waste Management Program
P.O. Box 414 401 East State Street
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CHRIS J. CHRISTIE
Governor

BOB MARTIN
Acting Commissioner

RECYCLING CENTER GENERAL APPROVAL FOR CLASS B RECYCLABLE MATERIALS, STREET SWEEPINGS AND PETROLEUM CONTAMINATED SOIL

Under the provisions of N.J.S.A. 13:1E-1 *et seq.* and N.J.S.A. 13:1E-99.11 *et seq.*, known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 *et seq.*, known as the Recycling Regulations, this approval is hereby issued to:

Clean Earth of Carteret, Inc.

Facility Type:	Recycling Center for Class B Materials
Lot No.:	3.02
Block No.:	1
Municipality:	Borough of Carteret
County:	Middlesex
Facility ID No.:	132310
Permit No.:	CBG100002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

March 7, 2007
Issuance Date

May 12, 2010
Modification Date

March 7, 2012
Expiration Date

Anthony Fontana, Chief
Bureau of Transfer Stations and
Recycling Facilities

Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (petroleum contaminated soil, street sweepings, brick, block, concrete, stone, rock, and asphalt) by Clean Earth of Carteret, Inc. located in the Borough of Carteret, Middlesex County, New Jersey. Any registration, approval or permit previously issued by the Solid and Hazardous Waste Management Program, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

This approval is a modification of the General Approval issued on March 7, 2007.

May 12, 2010 — This modification allows Clean Earth of Carteret, Inc to receive, process/treat (inside the building) and transfer source separated recyclable materials 24 hours per day, 7 days per week. However, the operation of the Crusher is limited to: Monday through Friday, from 7:00 a.m. to 7:00 p.m., and Saturdays from 7:00 a.m. to 4:00 p.m.

Regulated Activities at the Facility

Items 1 through 39 of this approval contain the general conditions applicable to all recycling centers. Items 40 through 88 of this approval contain the general operating requirements for all recycling centers that receive, store, process, or transfer Class B recyclable materials including non-hazardous petroleum contaminated soils. Items 89 through 92 of this approval are the sampling requirements for testing the street sweepings.

Items 93 through 102 and 103 through 112 of this approval contain the conditions for Phase 1 & 2 of the aggregate crushing operations, respectively. In Phases 1 & 2 of the crushing operations, Clean Earth of Carteret, Inc. will be producing a dense grade aggregate (DGA) in support of the proposed Reichold Chemical remedial capping project for the site that is being completed under an ISRA Site Remedial Action Workplan. To accommodate the construction of the cap, two temporary phases are needed which allows the crushing operations and temporary stockpile areas to be moved within the site.

Items 113 through 120 of this approval contain the conditions for the Final Phase of the aggregate crushing operations. The Final Phase of the crushing operations allows Clean Earth of Carteret, Inc, to continue to accept and process these Class B materials on a permanent basis and marketing the end product offsite.

Facility Description

The recycling center is a Class B facility owned and operated by Clean Earth of Carteret, Inc. The recycling center is located at 24 Middlesex Avenue on Block 1, Lot 3.02, in Borough of Carteret, Middlesex County. This regional recycling center receives petroleum-contaminated soil from soil remediation contractors and street sweepings from municipalities. The recycling center is authorized to accept petroleum-contaminated soil and street sweepings Monday through Sunday and to process petroleum contaminated soil within their building Monday through Sunday. The recycling center is authorized to receive and transfer brick, block, concrete, stone,

rock, and asphalt Monday through Sunday, but limited in crushing/processing these materials to Monday through Friday from 7:00 a.m. to 7:00 p.m., and Saturdays from 7:00 a.m. to 4:00 p.m..

The recycling center is also utilized for finished product storage and equipment storage as shown on the site plan. The recycling center markets clean soil and DGA from the site.

Approved General Approval Application and Associated Documents

The registrant shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 *et seq*., the conditions of this Approval, and the following documents:

a) Site plan: Sheets SP1 and A1, prepared by Leonard Busch Associates, signed and sealed by Leonard Busch, P.E., NJ License No. 9531, dated October 13, 2000.

b) S.D.&G. Aggregates, Inc., Application for Recycling Center General Approval, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated March 1, 1996.

c) S.D.&G. Aggregates, Inc., Addendum to the March 1, 1996 recycling center application, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated April 17, 1996.

d) S.D.&G. Aggregates, Inc., Submission of Middlesex County Board of Chosen Freeholders Solid Waste Plan Amendment Resolution, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated August 16, 1996.

e) S.D.&G. Aggregates, Inc., Submission of Waterfront Development Permit, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated September 3, 1996.

f) S.D.&G. Aggregates, Inc., Submittal of revised site plan and calculations, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated November 14, 1996.

g) S.D.&G. Aggregates, Inc., Modification request, prepared by AJV Engineering, signed by Angelo J. Valetutto, P.E., dated February 12, 1997.

h) S.D.&G. Aggregates, Inc., Response to technical requirements for contaminated soils, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 23, 1997.

i) S.D.&G. Aggregates, Inc., Modification request, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.

j) S.D.&G. Aggregates, Inc., Submittal of new site plan, prepared by S.D.&G. Aggregates, Inc., signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 29, 1997.

k) S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed

by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 1999.

l) S.D.&G. Aggregates, Inc., Request for modification of sampling requirements, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated December 29, 1999.

m) S.D.&G. Aggregates, Inc., Request for acceptance of street sweepings, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated March 15, 2000.

n) S.D.&G. Aggregates, Inc., Request for site plan modification, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated October 24, 2000.

o) S.D.&G. Aggregates, Inc., Submittal of additional information, signed by Michael Goebner, President, Carteret Biocycle Corporation, dated April 19, 2001.

p) S.D.&G. Aggregates, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated October 17, 2001.

q) Clean Earth of Carteret, Request for transfer of ownership, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated November 20, 2002.

r) Clean Earth of Carteret, Request for increase in daily capacity, prepared and signed by Michael Goebner, Vice President, dated January 2, 2003.

s) Clean Earth of Carteret, Submittal of signed transfer agreement, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 22, 2003.

t) Clean Earth of Carteret, Submittal of county plan amendment, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 30, 2003.

u) Clean Earth of Carteret, Request for corrections to approval, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated August 25, 2003

v) Clean Earth of Carteret, Inc., Request for renewal, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated September 28, 2006.

w) Plan entitled "Floor Plan of Existing Soil Processing Building", prepared by Leonard Busch, P.E., of Leonard Busch Associates, dated February 2, 2005 and last revised March 23, 2006.

x) Clean Earth of Carteret, Inc., Request to utilize cement kiln dust or lime as a drying agent to remove moisture from its treated soils, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated December 27, 2006.

y) Class B Recycling Center Permit Application, dated February 2006, prepared by Compliance Plus Services, Inc.

z) Class B Recycling Limited Approval Checklist, dated March 2008, prepared by

Compliance Plus Services, Inc.

aa) Updated Information Submission, dated October 14, 2008, prepared by Compliance Plus Services, Inc.

bb) Proposed Features: drawing No. 009, latest revision dated October 10, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.

cc) Existing Features: drawing No. 001, dated August 19, 2005, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.

dd) Details: drawing No. 003, latest revision dated January 17, 2006, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.

ee) Limited Class B Operations Plan Phase 1: drawing No. 014, latest revision dated March 24, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.

ff) Limited Class B Operations Plan Phase 2: drawing No. 015, latest revision dated March 24, 2008, prepared by EarthRes Group, Inc., signed and sealed by Thomas G. Pullar, P.E., NJ License No. 24GE03095500.

gg) Addendum to Ground Lease (3rd Lease), dated December 19, 2008, submitted via cover letter by Compliance Plus Services, Inc.

hh) Letter dated May 4, 2010, submitted by Averil Rance, VP of Environmental, Health and Safety, Clean Earth of Carteret, Inc., requesting changes in their hours of operation including supporting documentation.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 *et seq.* shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.

CLEAN EARTH/CARTERET

132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: PI 132310 -

1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval [N.J.A.C. 7:26A-3.1(a)]
2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form [N.J.A.C. 7:26A-3.5(f)]
3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located [N.J.A.C. 7:26A-3.6(a)]
4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10 [N.J.A.C. 7:26A-3.6(b)]
5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions [N.J.A.C. 7:26A-3.6(c)]
6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2 [N.J.A.C. 7:26A-3.6(h)]
7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval [N.J.A.C. 7:26A-3.10(a)]
8. Any change affecting the conditions of this general approval requires the prior approval of the Department [N.J.A.C. 7:26A-3.10(b)1]
9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 and 3.20 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A-3.10(b)2]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: PI 132310 -

10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A-3.10(c)]

11. The holder of this general approval shall not institute the modification until it receives written approval from the Department [N.J.A.C. 7:26A-3.10(e)]

12. Within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is transferred. The written notification shall be sent to: New Jersey Department of Environmental Protection, Solid and Hazardous Waste Management Program, Bureau of Transfer Stations and Recycling Facilities, P.O. Box 414, Trenton, New Jersey 08625-0414. [N.J.A.C. 7:26A-3.10(f)]

13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act [N.J.A.C. 7:26A-3.13(a)1]

14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq [N.J.A.C. 7:26A-3.13(a)2]

15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection [N.J.A.C. 7:26A-3.13(a)3]

16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department [N.J.A.C. 7:26A-3.13(a)4]

17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department [N.J.A.C. 7:26A-3.13(a)5]

18. The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department [N.J.A.C. 7:26A-3.13(a)6]

19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency [N.J.A.C. 7:26A-3.13(a)7]

20. The Department may revoke this general approval upon a determination that the holder of the general approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.12. [N.J.A.C. 7:26A-3.13(a)8]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: PI 132310 -

21. This general approval shall not be transferred to a new owner or operator without the Department's prior approval [N.J.A.C. 7:26A-3.15(a)]

22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control [N.J.A.C. 7:26A-3.15(a)1]

23. A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)2]

24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5 [N.J.A.C. 7:26A-3.15(a)3]

25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision [N.J.A.C. 7:26A-3.15(a)4]

26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval [N.J.A.C. 7:26A-3.15(b)]

27. The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)1]

28. The holder of this general approval shall maintain a daily record of the name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons [N.J.A.C. 7:26A-3.17(a)2]

29. The holder of this general approval shall maintain a daily record of the amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons. [N.J.A.C. 7:26A-3.17(a)3]

30. The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c) [N.J.A.C. 7:26A-3.17(b)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: PI 132310 -

31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Solid and Hazardous Waste Management Program, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recyclable product transferred to each end-market; and the amount of residue disposed of during each month. [N.J.A.C. 7:26A-3.17(c)]

32. The holder of this general approval shall certify in writing to the Department that all residue generated at the recycling center has been disposed of in accordance with the solid waste management rules at N.J.A.C. 7:26. The certification shall be submitted annually as part of the annual report [N.J.A.C. 7:26A-3.17(e)]

33. All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A-3.17(f)]

34. The holder of this general approval shall provide a recycling tonnage report by March 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons. [N.J.A.C. 7:26A-4.4(a)]

35. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan [N.J.A.C. 7:26A-4.2]

36. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto [N.J.A.C. 7:26A-4.1(b)]

37. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to: sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26-1.7(a)]

38. The right of entry specified at N.J.A.C. 7:26A-1.7(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26-1.7(b)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: PI 132310 -

39. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1 [N.J.A.C. 7:26A-4]

Subject Item: RCBG139162 - General Class B & Soil Conditions

40. Recycling centers receiving petroleum contaminated soil, a preparedness and prevention plan and the contingency plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]

41. The preparedness and prevention plan and the contingency plan contained in the approved documents must be maintained on-site and updated as necessary. [N.J.A.C. 7:26A-3.5(e)]

42. Upon detection of a release of contaminants to the environment, the facility shall perform the following cleanup steps: stop the release, contain the released contaminants, clean up and manage properly the released contaminants and other materials and if necessary, repair or replace any leaking soil containment systems prior to returning them to service. [N.J.A.C. 7:26A-3.5(e)]

43. Upon closure of the facility the owner or operator shall remove or decontaminate petroleum contaminated soils, containment system components, and structures and equipment and manage them as hazardous waste, unless the materials are not hazardous waste under NJAC 7:26G-5. [N.J.A.C. 7:26A-3.5(e)]

44. All equipment and portions of the facility designated for the storage or processing of petroleum contaminated soils shall be visually inspected each operating day for integrity and leaks. [N.J.A.C. 7:26A-3.5(e)]

45. Records shall be maintained for all visual inspections. These records shall document that inspections were performed, any problems found, and the subsequent correction of such problems. All records shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

46. The facility shall keep a record of each shipment of petroleum contaminated soil accepted for processing. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. All tracking records must be kept for a minimum of three years. Records for each shipment shall include the following information: the name and address of the transporter who delivered the soil to the facility, the name and address of the generator from whom the soil was sent, the NJDEP registration number of the transporter, EPA ID number (if applicable) of the generator, the quantity of soil accepted and the date of acceptance. [N.J.A.C. 7:26A-3.5(e)]

47. The facility shall maintain on-site a written operating record showing analysis records, tracking records, and summary reports of incidents requiring implementation of the contingency plan. This information shall be made available to Department personnel upon request and shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG139162 - General Class B & Soil Conditions

48. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center: NJDOT street sweepings (that meet NJ Non-Residential Direct Contact Soil Cleanup Criteria) and non-hazardous petroleum contaminated soils which otherwise would be ID 27 if not recycled. Only soil contaminated with the following compounds shall be accepted and processed at this facility: gasoline, kerosene, jet fuel, Numbers 1 through 6 fuel oil, and used oil. Used oil shall be defined as any oil that has been refined from crude oil, or any synthetic oil, that has been used and as a result of such use is contaminated by physical or chemical impurities. No soils may be accepted that have been contaminated with materials that are other waste materials, or waste by-products, such as sludges. No soils with free petroleum product or other liquids, as determined by USEPA SW-846, Method 9095, Chapter 6.0, shall be accepted at the facility. No hazardous waste, as defined by N.J.A.C. 7:26G-5, shall be accepted by the facility. [N.J.A.C. 7:26A-3.5(e)]

49. At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]

50. The recycling center may not receive, store, process, or transfer source separated petroleum contaminated soils and NJDOT street sweepings with any other Class B recyclable materials. The commingling of petroleum contaminated soil and NJDOT street sweepings shall only be allowed after the testing requirements identified in this approval have been met. The commingling of any other materials not described above is prohibited. [N.J.A.C. 7:26A-3.5(e)]

51. The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants. [N.J.A.C. 7:26A-3.5(e)]

52. Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]

53. The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents. [N.J.A.C. 7:26A-3.5(e)]

54. In case of conflict, the conditions of this approval shall have precedence over the general approval application documents, and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs. [N.J.A.C. 7:26A-3.5(e)]

55. One complete set of the general approval application documents, this general approval, and all records, reports and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG139162 - General Class B & Soil Conditions

56. Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

57. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A-3.5(e)]

58. The recycling center may receive no more than 2,700 tons per day of peroleum contaminated soils and street sweepings. This condition is contingent upon the traffic on the public roads adjacent to the facility not being adversely affected. Should the traffic be impacted by the facility, the Department reserves the right to reduce the capacity of the facility. [N.J.A.C. 7:26A-3.5(e)]

59. The total amount of unprocessed/processed soil material stored in the "soil storage warehouse" shall not exceed 18,287 cubic yards. Materials stored in the "soil storage warehouse" shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. "Area D" on the approved site plan may be used to store either unprocessed or processed soils. However, unprocessed and processed soils shall not be stored in "Area D" at the same time. "Area E" on the approved site plan may be used for soil mixing prior to introducing the unprocessed soil to the processing equipment. "Area E" shall not be used for the storage of material. [N.J.A.C. 7:26A-3.5(e)]

60. If at any time, the amount of soil material stored inside the building exceeds 18,287 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of material stored inside on-site falls below 18,287 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

61. Unprocessed recyclable material shall not remain on-site, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A-3.9(b)]

62. The total amount of processed soil materials stored outside shall not exceed 31,674 cubic yards. Processed material shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawings. [N.J.A.C. 7:26A-3.5(e)]

63. If at any time, the amount of processed soil material stored on-site exceeds 31,674 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 31,674 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

64. All processed material shall be stored separately from residues. [N.J.A.C. 7:26A-3.5(e)]

65. By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents. [N.J.A.C. 7:26A-3.5(e)]

66. Horizontal and vertical control points for the unprocessed and processed materials soil stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 18 feet above the existing grade for the stockpile areas located inside the building and 25 feet above the existing grade for the processed stockpile areas located outside. [N.J.A.C. 7:26A-3.5(e)]

67. Ingress and egress of the facility shall be restricted to Middlesex Avenue only. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG139162 - General Class B & Soil Conditions

68. Metal pipe or metal rods or the equivalent as approved by the Department shall be used to establish these control points. [N.J.A.C. 7:26A-3.5(e)]

69. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A-3.5(e)]

70. Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel. [N.J.A.C. 7:26A-3.5(e)]

71. Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A-3.5(e)]

72. All revisions to the site plan and the approved documents which may be required as a result of the above, shall be submitted to this office for modification to this Approval. [N.J.A.C. 7:26A-3.5(e)]

73. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A-3.5(e)]

74. The sampling plan, collection, preservation, and handling for the sampling and analysis of unprocessed contaminated soil as required in this Approval must be performed in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest edition of the New Jersey Department of Environmental Protection, Hazardous Waste Programs, Field Sampling Procedures Manual. The Technical Regulations may be purchased from West Publishing at (800) 808-WEST. The sampling manual may be purchased from: NJDEP Maps and Publications, P.O. Box 402, Trenton, N.J. 08625. All analysis must be performed by a New Jersey certified laboratory. [N.J.A.C. 7:26A-3.5(e)]

75. All soils must be tested using the most current approved test methodology in accordance with USEPA SW-846. [N.J.A.C. 7:26A-3.5(e)]

76. Petroleum contaminated soils shall be sampled either at the point of generation or at the recycling center. Soils from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows: [N.J.A.C. 7:26A-3.5(e)]

77. Every 100 cubic yards of contaminated soil from each site shall be sampled and analyzed for TPH in the following manner: a representative sample from every 20 cubic yards of contaminated soil shall be taken and these five samples shall be composited into one sample and analyzed. When the volume of soil is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG139162 - General Class B & Soil Conditions

78. Every 800 cubic yards of contaminated soil shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards of contaminated soil shall be taken and these samples shall be composited into one sample and analyzed. When the volume of soil is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

79. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-8.5. The processing equipment at the facility uses bioremediation to process petroleum contaminated soils and acheive acceptable contaminent levels for reuse. [N.J.A.C. 7:26A-3.5(e)]

80. Processed material end products, for uses other than as landfill cover material, Department approved Brownfields projects or road construction projects, shall be sampled and analyzed for total petroleum hydrocarbons (TPH), total volatile organic compounds (VOC), and all contaminants listed in the New Jersey Soil Cleanup Criteria (SCC). The sampling procedure shall be implemented as follows: Every 100 cubic yards of processed soil shall be sampled and analyzed for the above contaminants in the following manner: a representative sample from every 20 cubic yards of processed soil shall be taken and these five samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

81. Processed material end products to be used in road construction projects shall be sampled every 1,000 cubic yards for TPH and VOC in the following manner: a representative sample from every 100 cubic yards of processed soil shall be taken and the samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]

82. Other levels of testing may be allowed on a case-by-case basis as determined by use criteria in accordance with Department guidance and regulations. Applications for case-specific testing requirements must be made to the Bureau of Transfer Stations & Recycling Facilities. [N.J.A.C. 7:26A-3.5(e)]

83. Only approved criteria shall be used to determine the allowable end use of the processed material and the maximum allowable contamination levels for use. [N.J.A.C. 7:26A-3.5(e)]

84. The maximum allowable contamination levels for unrestricted general use are 200 ppm TPH and all individual organic contaminants less than or equal to 50% and inorganic contaminants less than or equal to 75% of the most stringent direct contact soil cleanup criteria (SCC). [N.J.A.C. 7:26A-3.5(e)]

85. For soils being used as landfill cover material: the analytical requirements of the individual landfills shall be complied with. For soils being used as fill material in Brownfields projects, the requirements (including sampling frequency and analytical parameters) shall be approved by the individual Site Remediation Program case manager on a case-by-case basis. [N.J.A.C. 7:26A-3.5(e)]

86. Other levels of contamination may be allowed on a case-by-case basis as determined by use criteria and levels of contamination in accordance with Department guidance and regulations. Certificates of Authority to operate beneficial use projects pursuant to N.J.A.C. 7:26-1.7(g) must be obtained before any use of the processed material end products. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG139162 - General Class B & Soil Conditions

87. Any processed material end products that do not meet the above criteria must be reintroduced to the treatment process for further treatment. After treatment, the processed material end products must be reanalyzed in accordance with the above criteria. [N.J.A.C. 7:26A-3.5(e)]

88. All analysis records must be kept for a minimum of three years and made available for inspection by state and local officials upon request. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG139339 - Street Sweepings Sampling

89. Every 100 cubic yards of street sweepings from each site shall be sampled and analyzed for TPH in the following manner: a representative sample from every 20 cubic yards shall be taken and these five samples shall be composited into one sample and analyzed. When the volume is less than 100 cubic yards, a representative sample of every 20 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]

90. Every 800 cubic yards of street sweepings shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards shall be taken and these samples shall be composited into one sample and analyzed. When the volume is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]

91. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-5. [N.J.A.C. 7:26A-3]

92. Unprocessed street sweepings shall be sampled either at the point of generation or at the recycling center. Street sweepings from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as follows: [N.J.A.C. 7:26A-3]

Subject Item: RCBG882028 - Phase 1 Crushing Operations

93. Prior to initiating any crushing operations, as described under the three phases of this General Approval, Clean Earth of Carteret, Inc. shall submit copies of the Waterfront Development Permit and the Remedial Action Workplan to the Bureau of Transfer Stations & Recycling Facilities and to County Environmental and Waste Enforcement (300 Horizon Center, P.O. Box 407, Robbinsville, NJ 08625-0407, Attention: Brian Petitt, Central Region Supervisor). [N.J.A.C. 7:26A-3.5(e)]

94. The recycling center may receive no more than 1000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone from offsite sources. [N.J.A.C. 7:26A-3.5(e)]

95. Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG882028 - Phase 1 Crushing Operations

96. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

A. Extec S-5 Screener

B. Extec C-12 Jaw Crusher

c. Extec Impactor or I-C13 Crusher. [N.J.A.C. 7:26A-3.5(e)]

97. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 24,124 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of that unprocessed material stored on-site falls below 24,124 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

98. The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 24,124 cubic yards. These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

99. The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 9740 cubic yards. These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

100. If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 9740 cubic yards, the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 9740 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

101. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Within approximately thirty (30) days of the acceptance date of this Approval, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers. [N.J.A.C. 7:26A-3.5(e)]

102. All product materials created under this Phase 1 crushing operation shall be utilized exclusively as capping material at the former Reichold Chemical site and shall meet the specifications required in the Department's Remedial Action Workplan. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG882029 - Phase 2 Crushing Operations

103. The recycling center may receive no more than 1000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone from offsite sources. [N.J.A.C. 7:26A-3.5(e)]

104. Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG882029 - Phase 2 Crushing Operations

105. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

A. Extec S-5 Screener

B. Extec C-12 Jaw Crusher

c. Extec Impactor or I-C13 Crusher. [N.J.A.C. 7:26A-3.5(e)]

106. The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 11,252 cubic yards. These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

107. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 11,252 cubic yards, the recycling center shall immediately cease receiving any unprocessed material until the amount of these unprocessed materials stored on-site falls below 11,252 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

108. The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 15,962 cubic yards. These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

109. If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 15,962 cubic yards, the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 15,962 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

110. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Prior to initiating Phase 2 crushing operations, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers. [N.J.A.C. 7:26A-3.5(e)]

111. All product materials created under this Phase 2 crushing operation shall be utilized exclusively as capping material at the former Reichold Chemical site and shall meet the specifications required in the Department's Remedial Action Workplan. [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification
Requirements Report

Subject Item: RCBG882029 - Phase 2 Crushing Operations

112. The facility shall submit a report after completion of Phase 1 and Phase 2 crushing operations for the Remedial Action Workplan, which contains, at a minimum, the following information:

A. Daily and cumulative breakdowns of the amounts and types of materials received and processed. Differentiate between material brought through the soils facility versus that brought in directly from outside sources;

B. Residue/ recyclables stored on-site for off-site transport;

C. Any rejected materials and materials that do not meet the applicable criteria for materials to be used to construct portions of the remedial cap along with a copy of the disposal receipts as evidence that the material has been disposed of accordingly;

D. All data shall be recorded chronologically by date.

The report shall be submitted to the NJDEP Bureau of Transfer Stations & Recycling Facilities within sixty (60) days of the completion of Phase 2. [N.J.A.C. 7:26A-3.5(e)]

Subject Item: RCBG882032 - Final Phase Crushing Operations

113. The recycling center may receive no more than 2000 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone. [N.J.A.C. 7:26A-3.5(e)]

114. Hours of operation for the receipt, treatment/processing (inside the building) and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the Crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturdays from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A-3.5(e)]

115. The following equipment or equivalent shall be available for site operations and shall be maintained in operable condition:

A. Extec S-5 Screener

B. Extec C-12 Jaw Crusher

c. Extec Impactor or I-C13 Crushersite. [N.J.A.C. 7:26A-3.5(e)]

116. The total amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B). These unprocessed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

117. If at any time, the amount of unprocessed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B), the recycling center shall immediately cease receiving any unprocessed material until the amount of these unprocessed materials stored on-site falls below 36,580 cubic yards (8,800 cy in area A & 27,780 cy in area B). [N.J.A.C. 7:26A-3.5(e)]

CLEAN EARTH/CARTERET
132310 CBG100002 Class B Recycling Ctr General Apprv -Modification Requirements Report

Subject Item: RCBG882032 - Final Phase Crushing Operations

118. The total amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site shall not exceed 24,310 cubic yards (area C). These processed materials stored on-site shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawing. [N.J.A.C. 7:26A-3.5(e)]

119. If at any time, the amount of processed asphalt, concrete, brick, block, rock, and stone stored on-site exceeds 24,310 cubic yards (area C), the recycling center shall immediately cease processing activities until the amount of these processed materials falls below 24,310 cubic yards. [N.J.A.C. 7:26A-3.5(e)]

120. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the unprocessed stockpile area and 20 feet above the existing grade for the processed stockpile area. Prior to initiating Final Phase crushing operations, a joint site inspection shall be held at the facility between the owner/operator and representatives of the Department for the purpose of establishing the locations of these markers. [N.J.A.C. 7:26A-3.5(e)]

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Solid and Hazardous Waste Management Program
P.O. Box 414
Trenton, New Jersey 08625-0414
Tel: 609-984-3438
Fax: 609-633-1112
www.state.nj.us/recyclenj

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

BOB MARTIN
Commissioner

MAY 11 2010

Richard Hills, Head
County of Middlesex - Division of Solid Waste Management
100 Bayard Street, 2nd Floor
New Brunswick, NJ 08901

Dear Mr. Hills:

The Department of Environmental Protection's (Department) Solid and Hazardous Waste Management Program is in receipt of Administrative Action 005-09, submitted to the Department on May 5, 2010. Administrative Action 005-09 to the Middlesex County District Solid Waste Management Plan (County Plan) proposes County Plan inclusion of a change in operating hours for the Clean Earth of Carteret, Inc. Class B Recycling Center, located on Block 1, Lot 3.02 at 24 Middlesex Avenue in the Borough of Carteret. Specifically, Administrative Action 005-09 proposes to include the subject facility in the County Plan with operating hours (acceptance and processing of Class B recyclables) of twenty-four hours per day, Monday through Sunday.

The above noted change in operating hours will not result in any other operational changes at the subject facility, which is included in the County Plan to accept and process up to 4,000 tons per day of source-separated concrete, asphalt, brick, block, stone, and non-hazardous, petroleum-contaminated soil.

Pursuant to N.J.A.C. 7:26-6.11(b)5, the inclusion of a modification of an existing facility, including a change in operating hours, can be accomplished via an administrative action. In summary, the County Plan inclusion of a change in operating hours for the Clean Earth of Carteret, Inc. Class B Recycling Center in the Borough of Carteret is hereby approved as an administrative action pursuant to N.J.A.C. 7:26-6.11(f).

Please be advised that this approval of Administrative Action 005-09 shall not be construed as an expression of the Department's intent to issue a General Approval Modification to the subject facility for the above noted operational change.

If you have any questions relative to this matter, please contact Ross M. Hull of my staff at (609) 984-5936 or by e-mail at ross.hull@dep.state.nj.us.

Sincerely,

Guy J. Watson, Chief
Bureau of Recycling and Planning

CLEANEARTH
Faster, smarter, greener solutions...

EXHIBIT A
Material Profile Sheet

Global Job # _____
Sales Rep _____

Check each site you would like to utilize for this waste approval:

☒ Clean Earth of Carteret, Inc.
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland, Inc.
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of Southeast Pennsylvania, Inc.
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Clean Earth of Philadelphia, Inc
3201 South 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of New Castle, Inc.
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6634

☐ Clean Earth of North Jersey, Inc.
115 Jacobus Avenue
South Kearny, NJ 07032
Ph: 973-344-4004

A. Waste Generator/Job Site Information

1. Generator Name:	105 METROPOLITAN AVENUE LLC	9. Job Site Name:	
2. Generator Address:	105 metropolitan Avenue	10. Job Site Address:	105 metropolitan Avenue
3. Generator City:	Brooklyn	11. Job Site City:	Brooklyn
4. Generator State/Zip:	NY 11210	12. Job Site State/Zip:	NY 11210
5. Generator Phone:	516 816 4766	13. Job Site Phone:	516 816 4766
6. Generator Contact:	john ewen	14. Job Site Contact:	john ewen
7. Generator Email:	jewen@irtwaste.com	15. Job Site Email:	jewen@irtwaste.com
8. Generator County:		16. Job Site County:	

Billing Information

17. Customer Name:	Innovative Recycling tech inc	21. Customer Phone:	516 816 4766
18. Customer Address:	690 n queens avenue	22. Customer Contact:	john ewen
19. Customer City:	lindenhurst	23. Customer Email:	jewen@irtwaste.com
20. Customer State/Zip:	ny 11757	24. Customer County:	suffolk

B. Waste Stream Information

1. Name of Waste: soil
2. State Waste Code(s) (if applicable): _____
3. Process Generating Waste (attach separate sheet if necessary): excess soil from constuction

4. Estimated Quantity of Waste: 1500 ☒Tons ☐Cubic Yards ☐Gallons
5. Term of Project: ☐Recurring ☐One Time

C. Waste Composition/Characteristics

1. Source of Contamination (ie. UST, AST, leak, spill, non specific): non specific tph
2. Type of Contamination (ie. diesel, gasoline, waste oil, heating oil, MGP, etc.):
3. Contaminants of Concern: See Data

4. Provide a site history detailing past and present land uses, on site storage/process information and any activities related to contaminants of concern (attach a separate sheet if necessary): residential property

5. Composition of Waste (clay, rock, sand, moisture, chemical, constituents, contaminants, etc.; should equal 100%): soil 80 % _____ %; rock 20 % _____ %

6. Is this site a State or Federal Superfund Site?	☐Yes ☒No
7. Is laboratory report being supplied with this profile? 7a. If yes, you will need to attach a sampling plan description and diagram of sampling locations that ties to the data. Please refer to the "Site Sampling Diagram" form in your approval package for guidance.	☒Yes ☐No
8. Is the waste represented in this waste profile classified as a radioactive material under USEPA 40CFR 191.12 or other applicable regulatory provisions?	☐Yes ☒No
9. Does the waste represented contain any levels of polychlorinated biphenyls (PCBs)? 9a. If yes, list the level: _____ 9b. If yes, is the waste material TSCA regulated or defined as a PCB remediation waste under TSCA?	☐Yes ☒No ☐Yes ☐No ☒N/A
10. Does the waste represented contain herbicides, pesticides, asbestos, insecticides or residues thereof at concentrations that would render it hazardous as defined by 40 CFR 261 or subject to additional state or federal regulations?	☐Yes ☒No

Non Hazardous Profile Sheet

Global Job # _____

Sales Rep _____

C. Waste Composition/Characteristics (continued)

11. The waste represented in this profile is generated as a result of the corrective response taken under the Federal Underground Storage Tank Regulation 40 CFR 280.	☐Yes ☒No
12. Is the waste a dioxin bearing waste?	☐Yes ☒No
13. Is this waste a treatment residue from a previously listed or characteristic hazardous waste?	☐Yes ☒No
14. Is there a nuisance level of odor associated with this waste?	☐Yes ☒No
15. Are there any special handling instructions for management of this waste?	☐Yes ☒No
16. If yes to any of the questions numbered 6-15, please explain (attach an additional sheet if necessary):	

D. Generator Certification

1. I certify that the waste represented by this profile is not a listed hazardous waste, nor does it contain a listed hazardous waste, nor does it exhibit any characteristics of a hazardous waste as defined by 40 CFR 261.	☒Yes ☐No
2. I certify that this waste profile and all attachments contain true and accurate descriptions of the waste material.	☒Yes ☐No
3. I certify that all relevant information in possession of the Generator pertaining to known or suspected hazards with regard to the waste has been disclosed to Clean Earth.	☒Yes ☐No
4. I certify that all changes that occur in the characteristics of the waste will be identified by the Generator and disclosed to Clean Earth prior to providing the waste to Clean Earth.	☒Yes ☐No
5. I certify that the analytical data attached hereto are derived from testing representative sample(s) as referenced in 40 CFR 261.20 or an equivalent state regulatory provision.	☒Yes ☐No ☐N/A
6. For sites that contain "clean fill," the undersigned certifies that a site investigation was conducted and that the soil was characterized according to the proposed Clean Earth facility(s) acceptance criteria for soil classification as "clean fill" and where applicable in accordance with the Pennsylvania Management of Fill Policy.	☐Yes ☐No ☒N/A
7. The undersigned has determined the non-hazardous status of the said waste in accordance with 40 CFR 261.11. Should, at any time after delivery, the material accepted by Clean Earth be found to be non-conforming to the information certified in this profile and represented by documentation attached hereto, it becomes the responsibility of the Generator/Agent to remove the waste from the designated Clean Earth facility within five (5) days of notification. Notification is to be verbal followed by written notification, overnight receipted. It is the Generator's/ Agent's responsibility to abide by all Federal, State and Local regulations associated with the removal of their waste. If the waste is not removed within the specified time period, said disposal shall be arranged by a Clean Earth representative and billed to the Generator/Agent at cost plus basis. Furthermore, the Generator/Agent will be responsible for any and all cost for decontamination required by the Clean Earth facility that is related to the Generator's/Agent's material and all liability for such nonconforming waste shall revert to Generator/Agent.	☒Yes ☐No

*Certification Signature: _____ Date: 9/12/2011

Name (Type or Print): Ethan Bregman Company: 105 Metropolitan Ave, LLC

*If someone other than the Generator is signing this profile or intends to sign any paperwork (which includes, but is not limited to, additional certifications, manifests, etc.) pertaining to this waste profile, authorization from the Generator, on the Generator's letterhead, must be supplied to Clean Earth prior to acceptance of waste material.

E. Clean Earth Waste Approval Decision

1. Treatment Option(s) _____
2. Proposed Treatment Facility(s) _____
3. Supplemental Information (special handling, hours of acceptance,etc): _____

4. Approval Decision: ☐ Approved ☐ Denied | Approved tonnages: _____

4a.If denied, please indicate reason in the space provided: _____

5. Approval Signature: _____ Date: _____

6. Facility Manager's Signature: _____ Date: _____

CLEANEARTH

Faster, smarter, greener solutions...

February 22, 2012

John Ewen
Innovative Recycling Technologies Inc.
690 North Queens Avenue
Lindenhurst, NY 11757

RE: Letter of Acceptance for 105 Metropolitan Avenue LLC, Brooklyn, NY 11210
Approved volume: **1200 T**

Dear Mr. Ewen,

Clean Earth of Carteret (CEC) has received the analytical results performed by Alpha Analytical (Lab Number: L1111280) for the above referenced site. Based upon the review of the data and profile provided, CEC can accept the non-hazardous petroleum impacted soil being generated from the site. CEC's acceptance criteria limits us to accept only Non Hazardous petroleum (<1% by volume) impacted soils into our facility. Any soils with free petroleum product or liquids, sludge, or hazardous waste cannot be accepted.

Our facility is permitted to analyze missing parameters by collecting soil samples from incoming loads. Please note that TPH analysis (every 150 Tons) will be required to comply with CEC's Class B permit. Currently, we have seven TPH analysis on file that satisfies the facility analytical requirements for approval of 1050 tons. In the essence of saving time, CEC will collect the additional TPH samples as required upon arrival at the facility to meet the CEC analytical requirements for an additional conditionally approved volume of (pending TPH results) 150 tons. CEC will amend the invoice accordingly.

If you should have any questions or require any additional information, please call me at (732) 541-8909.

Sincerely;

John Eshelman

John Eshelman
Operations Manager

APPENDIX E
WASTE MANIFESTS

Clean Earth of Carteret

Profile Report

Transactions from 05/18/2012 through 05/18/2012
Inbound Tickets Only
Third Party and Intercompany Customers
Recycle and Disposal Material
Sent and Unsent Tickets
Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
113071489 - 105 Metropolitan Avenue LLC					Global Job Number: 121370				
307000221736	05/18/12	NICK22	I	669108	INN862-INNOVATIVE RECYCLING	33.640 Tn	0.00	33.64	0.00
307000221744	05/18/12	NICK1	I	669109	INN862-INNOVATIVE RECYCLING	33.120 Tn	0.00	33.12	0.00
307000221760	05/18/12	NICK28	I	669106	INN862-INNOVATIVE RECYCLING	34.740 Tn	0.00	34.74	0.00
307000221800	05/18/12	NICK1	I	669110	INN862-INNOVATIVE RECYCLING	31.740 Tn	0.00	31.74	0.00
307000221805	05/18/12	NICK28	I	669111	INN862-INNOVATIVE RECYCLING	34.930 Tn	0.00	34.93	0.00
307000221841	05/18/12	ROSETTA22	I	635335	INN862-INNOVATIVE RECYCLING	31.230 Tn	0.00	31.23	0.00
113071489 - 105 Metropolitan Avenue LLC							0.00	199.40	0.00
6 tickets and 6 transactions									

Report Grand Totals

	0.00	199.40	0.00

6 tickets and 6 transactions

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0105

Ticket: 307000221736

	Date	Time	Scale
In:	5/18/2012	09:14:49	Scale 1
Out:	5/18/2012	09:20:40	P.T.

	Lbs	Tns
Gross:	92900	46.45
Tare:	25700	12.85
Net:	67200	33.64

Manifest: 669108
Vehicle ID: NICK22

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.64	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Aldi

Facility: _____
Lukasz Deglarek

CLEANEARTH

Nickabella #22

Manifest # 669108

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Williamsport, 212 Colvin Road, Williamsport, PA 17701, Ph: 570-494-0200
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue, Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Asphalt - T G, Soil mix

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: TADEUSZ GRYSZKO Title: Manager

Signature: [signature] Date and Time: 5/15/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN 510 W

Driver: Aldo Hernandez (Type or Print Clearly) SW Haulers Permit #: Nickabella #22 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 5-18-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 5-18-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 5/18/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-0105

Ticket: 3070006221744

	Date	Time	Scale
In:	5/18/2012	09:35:18	Scale 1
Out:	5/18/2012	09:35:32	P.T.

	Lbs	Tns
Gross:	92240	46.12
Tare:	26000	13.00
Net:	66240	33.12

Manifest: 669109
Vehicle ID: NICK1

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.12	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jesus

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669109

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue, Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

fill mix

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: on Behalf of 105 Metropolitan Ave LLC Title:

Signature: Date and Time: 5/18/12

TRANSPORTER NJ Haulers Trucking

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: AW 381W #1

Driver: Jesus Acosta SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 5/18/12 7:00 AM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 5/18/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/18/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002221760

	Date	Time	Scale
In:	5/10/2012	10:06:25	Scale 1
Out:	5/10/2012	10:07:58	P.T.

	Lbs	Tns
Gross:	95520	47.76
Tare:	26040	13.02
Net:	69480	34.74

Manifest: 669106
Vehicle ID: NICK20

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	34.74	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jorge

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669106

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Avenue, Brooklyn NY 11210	GROSS WEIGHT: ☐Tons ☐Yards
	TARE WEIGHT: ☐Tons ☐Yards
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Soil / Mix

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Owner rep. Title:

Signature: Date and Time: 5/18/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: #28 AN732R

Driver: Jorge Rios (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 5-18-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 5-18-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/18/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000221800

	Date	Time	Scale
In:	5/10/2012	12:05:40	Scale 1
Out:	5/10/2012	12:07:23	P.T.

Manifest: 669110
Vehicle ID: NICK1

	Lbs	Tns
Gross:	89480	44.74
Tare:	26000	13.00
Net:	63480	31.74

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.74	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jesus

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669110

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Avenue, Brooklyn NY 11210	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan, LLC Title: Agent

Signature: Date and Time: May 18, 2012 10:40

TRANSPORTER NJ Cambellas Trucking

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN381W

Driver: Jesus Castro SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jesus Castro Date and Time: 5/18/12 10:35 AM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 5/18/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/18/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000221005

	Date	Time	Scale
In:	5/10/2012	12:50:00	Scale 1
Out:	5/10/2012	12:51:31	P.T.

	Lbs	Tns
Gross:	95900	47.95
Tare:	26040	13.02
Net:	69860	34.93

Manifest: 669111
Vehicle ID: NICK28

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	34.93	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jorge

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669111

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue, Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan LLC Title: Agent

Signature: Date and Time: 5/18/12 11:25

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: #28 AN732R

Driver: Jorge Perez SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 5-18-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 5-18-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/18/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000221841

	Date	Time	Scale
In:	5/18/2012	17:13:23	Manual W
Out:	5/18/2012	17:15:54	P.T.

Manifest: [redacted] 01
Vehicle ID: ROSETTA22

	Lbs	Tns
Gross:	93300	46.65
Tare:	30840	15.42
Net:	62460	31.23

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.23	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

01

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

Cleanearth Inc.

SOIL SAFE, INC.

Log Number 01

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 105 Metropolitan A

Address Brooklyn NY

Phone No.

Generator Site/Location

Address Same

Phone No.

Global # 121370

Approval Number 113071481

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS

TARE

NET

TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Agent of DeMeo LLC — ACT — 5/15/12

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name Rosetta Stone Trucking

Address 125 Union Ave Belleville NJ 07109

Driver Name (Print) Josi Tapia

Vehicle License No. / State / EPA No. AM386Y

Truck Number 22

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — Shipment Date 5-17-12

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature — Delivery Date

DESTINATION

Cleanearth Carteret NJ

Site Name 24 Middlesex Ave **Soil Safe, Inc. - Bridgeport** Phone No. **1-856-467-8030**

Address **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Clean Earth of Carteret

Profile Report

Transactions from 05/21/2012 through 05/21/2012
Inbound Tickets Only
Third Party and Intercompany Customers
Recycle and Disposal Material
Sent and Unsent Tickets
Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
113071489 - 105 Metropolitan Avenue LLC					Global Job Number: 121370				
307000221924	05/21/12	BATTAL 806	I	669121	INN862-INNOVATIVE RECYCLING	30.220 Tn	0.00	30.22	0.00
307000221932	05/21/12	BATTAL 807	I	669119	INN862-INNOVATIVE RECYCLING	33.030 Tn	0.00	33.03	0.00
307000221944	05/21/12	BATTAL 802	I	669122	INN862-INNOVATIVE RECYCLING	32.190 Tn	0.00	32.19	0.00
307000221977	05/21/12	BATTAL 806	I	669120	INN862-INNOVATIVE RECYCLING	38.020 Tn	0.00	38.02	0.00
307000221980	05/21/12	BATTAL 807	I	669118	INN862-INNOVATIVE RECYCLING	37.650 Tn	0.00	37.65	0.00
307000221987	05/21/12	BATTAL 802	I	669123	INN862-INNOVATIVE RECYCLING	35.370 Tn	0.00	35.37	0.00
113071489 - 105 Metropolitan Avenue LLC							0.00	206.48	0.00
6 tickets and 6 transactions									

Report Grand Totals

	0.00	206.48	0.00

6 tickets and 6 transactions

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8900 Fax: (732) 541-8105

Ticket: 307000221924

	Date	Time	Scale
In:	5/21/2012	10:37:59	Manual W
Out:	5/21/2012	10:38:32	P.T.

	Lbs	Tns
Gross:	86740	43.37
Tare:	26300	13.15
Net:	60440	30.22

Manifest: 669121
Vehicle ID: BATTAL 806

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	30.22	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: Antonio

Facility: Lukasz Ceglarek

CLEANEARTH

Manifest # 669121

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand Metropolitan Ave BK NY

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan LLC Title: Agent

Signature: [signature] Date and Time: May 21, 2012

TRANSPORTER

Company: AMV/Dabin Trucking Inc BATTAL TRUCK Phone Number: 908-810-1705 BATTAL 906

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: 806 AN969R

Driver: ANTONIO RAIGA SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 05/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 05/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000221932

	Date	Time	Scale
In:	5/21/2012	10:49:50	Scale 1
Out:	5/21/2012	10:50:11	P.T.

	Lbs	Tns
Gross:	93500	46.75
Tare:	27440	13.72
Net:	66060	33.03

Manifest: 669119
Vehicle ID: BATTAL 807

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.03	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Washington

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669119

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metro LLC Title: Agent

Signature: Date and Time: 5/21/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: # 607 AW5844

Driver: WASHINGTON SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 05/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 05/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0105

Ticket: 307000221944

	Date	Time	Scale
In:	5/21/2012	11:14:42	Scale 1
Out:	5/21/2012	11:16:23	P.T.

	Lbs	Tns
Gross:	89480	44.74
Tare:	25100	12.55
Net:	64380	32.19

Manifest: 669122
Vehicle ID: BATTAL 802

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	32.19	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Frank

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669122

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan LLC Title: Agent

Signature: Date and Time: 5/21/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: 4 852 AN113A

Driver: FRANK V. SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 05/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 05/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002021977

	Date	Time	Scale
In:	5/21/2012	13:43:16	Scale 1
Out:	5/21/2012	13:44:04	P.T.

	Lbs	Tns
Gross:	102340	51.17
Tare:	26300	13.15
Net:	76040	30.02

Manifest: 669120
Vehicle ID: MATTAL 006

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	30.02	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Antonio

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669120

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand METROPOLITAN Ave.
BROOKLYN NY.

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan, LLC Title: Agent

Signature: Date and Time: 5/21/12

TRANSPORTER BATTA TRUCK BATTA 806

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: 806 AN969R

Driver: ANTONIO PAIVA SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 5/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 5/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002221900

	Date	Time	Scale
In:	5/21/2012	13:55:21	Scale 1
Out:	5/21/2012	13:58:21	P.T.

	Lbs	Tns
Gross:	102740	51.37
Tare:	27440	13.72
Net:	75300	37.65

Manifest: 669118
Vehicle ID: BATTAL 807

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.65	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Washington

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669118

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan LLC Title: Agent

Signature: Date and Time: 5/21/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: 4807 AV584H

Driver: WASHINGTON SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 05/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 05/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket#: 3070002221907

	Date	Time	Scale
In:	5/21/2012	14:28:51	Scale 1
Out:	5/21/2012	14:31:05	P.T.

	Lbs	Tns
Gross:	95040	47.52
Tare:	25100	12.55
Net:	70740	35.37

Manifest: 669123
Vehicle ID: BATTAL 802

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	35.37	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Frank

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 669123

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Sand

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Agent of 105 Metropolitan, LLC Title: Agent

Signature: Date and Time: 5/21/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: T 832 AN 113A

Driver: (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 05/21/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 05/21/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 5/21/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002300071

	Date	Time	Scale
In:	7/26/2012	08:23:09	Manual W
Out:	7/26/2012	08:23:32	P.T.

Manifest: 260130
Vehicle ID: NICK30

	Lbs	Tns
Gross:	100980	50.49
Tare:	25620	12.81
Net:	75360	37.68

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.68	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julio

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260138

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN AV. LLC 105 METROPOLITAN BROOKLYN NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Adams Contr. Corp Title:

Signature: T. G Date and Time: 7/26/2012

TRANSPORTER

Company: AMV / DABIN TRUCK Phone Number: NICK 30

Address: Truck # and License Plate: AN 548 W

Driver: JULIO ECHEVERRY SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7/26/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 7/26/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000230070

	Date	Time	Scale
In:	7/26/2012	09:14:04	Scale 1
Out:	7/26/2012	09:15:17	P.T.

	Lbs	Tns
Gross:	93460	46.73
Tare:	25920	12.96
Net:	67540	33.77

Manifest: 260136
Vehicle ID: JENCAR68

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.77	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julian

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260136

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other
_____
_____
_____

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Av Brooklyn NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Adamy Coutr. Title: _____

Signature: T.G Date and Time: 7/26/2012

TRANSPORTER

Company: JENCAR / AMV. DAVIN Phone Number: _____

Address: 10 Alexander Dr N.J Truck # and License Plate: AD-812A (68)

Driver: Julian Grisales SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0105

Ticket: 307000230003

	Date	Time	Scale
In:	7/26/2012	09:44:56	Scale 1
Out:	7/26/2012	09:46:42	P.T.

	Lbs	Tns
Gross:	99720	49.86
Tare:	25100	12.55
Net:	74620	37.31

Manifest: 634570
Vehicle ID: BATTAL802

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.31	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Luis

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634570

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Alexis Cortes Corps Title:

Signature: Date and Time: 7/26/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: PN 113 802

Driver: Luis A Ocampo SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Luis Ocampo Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230008

	Date	Time	Scale
In:	7/26/2012	10:12:21	Scale 1
Out:	7/26/2012	10:14:00	P.T.

	Lbs	Tns
Gross:	99240	49.62
Tare:	24500	12.25
Net:	74740	37.37

Manifest: 634567
Vehicle ID: BATTAL003

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Job Name: 105 Metropolitan Avenue LLC
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.37	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Cesar

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634567

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Juan Title:

Signature: Date and Time: 7-26-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AL 9391V

Driver: SW 1307 SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: CESAR SHELTON Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: CESAR Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

CLEAN EARTH INTERNAL

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230089

	Date	Time	Scale
In:	7/26/2012	10:28:55	Scale 1
Out:	7/26/2012	10:29:03	P.T.

Manifest: 634569
Vehicle ID: DON 0 2

	Lbs	Tns
Gross:	92320	46.16
Tare:	26000	13.00
Net:	66320	33.16

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.16	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634569

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	GROSS WEIGHT: ☑ Tons ☐ Yards	
	TARE WEIGHT: ☑ Tons ☐ Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☑ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: J. ADAMS Title:

Signature: Date and Time: 7-26-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN416A # 02

Driver: Jose Ortiz (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 7-26-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-0105

Ticket: 3070000230097

	Date	Time	Scale
In:	7/26/2012	11:29:41	Manual W
Out:	7/26/2012	11:30:12	P.T.

	Lbs	Tns
Gross:	101200	50.60
Tare:	25620	12.81
Net:	75580	37.79

Manifest: 260137
Vehicle ID: NICK30

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.79	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julio

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260137

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 11307149

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN AV LLC 105 METROPOLITAN BROOKLYN NY 11249	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [illegible] Title: [illegible]

Signature: [illegible] Date and Time: 7-26-12

TRANSPORTER

Company: AMVDAON TRUCK Phone Number: NICK 30

Address: [illegible] Truck # and License Plate: AN 548V

Driver: JULIO ECHEVERRY SW Haulers Permit #: [illegible]

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 7/26/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: [illegible]

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [illegible] Date and Time: [illegible]

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8999 Fax: (732) 541-8105

Ticket: 307000230109

	Date	Time	Scale
In:	7/26/2012	12:19:52	Scale 1
Out:	7/26/2012	12:21:24	P.T.

	Lbs	Tns
Gross:	92500	46.25
Tare:	25920	12.96
Net:	66580	33.29

Manifest: 260127
Vehicle ID: JENCAR68

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.29	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julian

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260127

GLOBAL JOB NUMBER: 12370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Ave Brooklyn N.Y	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MORRIS Title:

Signature: Louis Elk Date and Time: 7-26-12

TRANSPORTER

Company: AMV. DAVIN (JENCAR) Phone Number:

Address: Hillside NJ Truck # and License Plate: AP-812A (GB)

Driver: Julian Grisales SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Julian Grisales Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8099 Fax: (732) 541-8105

Ticket: 307000230114

	Date	Time	Scale
In:	7/26/2012	13:01:58	Scale 1
Out:	7/26/2012	13:02:11	P.T.

	Lbs	Tns
Gross:	91400	45.70
Tare:	29480	14.74
Net:	61920	30.96

Manifest: 664904
Vehicle ID: DAN 0 4

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	30.96	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Anthony

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 664904

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Williamsport
212 Colvin Road
Williamsport, PA 17701
Ph: 570-494-0200

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metro Ave Brooklyn NY	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: MORRIS Title:

Signature: Date and Time: 7-26-12

TRANSPORTER

Company: AMV/ DABIN TRUCKING INC Phone Number: 908-810-1705

Address: 190 DRAKE LANE, LEDGEWOOD NJ Truck # and License Plate: 4 AN 1192

Driver: ANTHONY FIELY SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7/26/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0105

Ticket: 307000230120

	Date	Time	Scale
In:	7/26/2012	13:43:34	Scale 1
Out:	7/26/2012	13:44:33	P.T.

	Lbs	Tns
Gross:	89000	44.50
Tare:	24300	12.25
Net:	65300	32.65

Manifest: 634563
Vehicle ID: BATTAL003

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	32.65	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Cesar

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634563

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

ADAMS Zdenek

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	THE OPERATORE DROP BY ROCK AND COUSE
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	DAMAGE ON THE
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	BODY OF TRUCK LIGHT WAS BROKEN

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAMS Title:

Signature: Zdenek Date and Time: 7-26-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: AL 939K

Driver: CESAR SHELTON (Type or Print Clearly) SW Haulers Permit #: SW 1307 (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: CESAR SHELTON Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: CESAR Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-0105

Ticket: 307000230121

	Date	Time	Scale
In:	7/26/2012	13:44:40	Scale 1
Out:	7/26/2012	13:45:13	P.T.

	Lbs	Tns
Gross:	87840	43.92
Tare:	25100	12.55
Net:	62740	31.37

Manifest: 634565
Vehicle ID: BATTALA02

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.37	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Luis

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634565

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 7-26-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: _____

Driver: Luis D Campos (Type or Print Clearly) SW Haulers Permit #: _____ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 07-26-12 12 PM

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 307000230125

	Date	Time	Scale
In:	7/26/2012	14:05:05	Manual W
Out:	7/26/2012	14:05:12	P.T.

	Lbs	Tns
Gross:	92840	46.42
Tare:	26000	13.00
Net:	66840	33.42

Manifest: 634571
Vehicle ID: DAN 0 2

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Job Name: 105 Metropolitan Avenue LLC
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.42	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634571

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☑ Tons ☐ Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Avenue Brooklyn, NY 11210	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☑ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [illegible] Title:

Signature: [signature] Date and Time: 7-26-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: 2

Driver: Jose Ortiz SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 7-26-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 7/26/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 3070000230129

	Date	Time	Scale
In:	7/26/2012	14:22:55	Manual W
Out:	7/26/2012	14:24:13	P.T.

	Lbs	Tns
Gross:	99120	49.56
Tare:	25620	12.81
Net:	73500	36.75

Manifest: 542665
Vehicle ID: NICK30

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	36.75	Tns
	Contaminate Type: Not Applicable		
	Treatment Type: Not Applicable		
	Fac Waste Code: Not Applicable		

Comment:

Driver: _____
Julio

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542665

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 1130071489

Please Check One:

- [X] Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- [ ] Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- [ ] Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- [ ] Other
- [ ] Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- [ ] Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- [ ] Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN, LLC 105 METROPOLITAN AV. BROOKLYN	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [illegible] Title: [illegible]

Signature: [signature] Date and Time: 7-26-12

TRANSPORTER

Company: AMV DAGIN TRUCK Phone Number: NICK 30

Address: Truck # and License Plate: AN 548V

Driver: JULIO ECHEVERRY SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 7/26/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 7/29/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 7/29/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230135

	Date	Time	Scale
In:	7/26/2012	14:57:18	Scale 1
Out:	7/26/2012	14:58:42	E.T.

	Lbs	Tns
Gross:	88700	44.35
Tare:	25920	12.96
Net:	62780	31.39

Manifest: 260135
Vehicle ID: JENCAR68

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.39	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julian

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260135

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 1130 71489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan ave Brooklyn N.Y	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAM S Title:

Signature: Zdanek Date and Time: 7-26-12

TRANSPORTER

Company: AMV. DAVIN (JENCar) Phone Number:

Address: Hillside N.J Truck # and License Plate: 68

Driver: Julio Grisales SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 7-26-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230507

	Date	Time	Scale
In:	8/1/2012	08:57:25	Manual W
Out:	8/1/2012	08:58:14	P.T.

Manifest: 634612
Vehicle ID: NICK30

	Lbs	Tns
Gross:	99140	49.57
Tare:	25620	12.81
Net:	73520	36.76

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	36.76	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: Julio

Facility: Lukasz Ceglarek

CLEANEARTH

Manifest # 634612

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

ICR - EDISON

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 Nick 30

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: AN 548V

Driver: JULIO ECHEVERRY SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-1-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-1-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-0105

Ticket: 3070000230513

	Date	Time	Scale
In:	8/1/2012	09:03:30	Manual W
Out:	8/1/2012	09:03:50	P.T.

******** Reprinted Ticket - Edited ********

Manifest: 634614
Vehicle ID: JENCAR67

	Lbs	Tns
Gross:	96460	48.23
Tare:	25780	12.89
Net:	70680	35.34

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	35.34	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634614

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ ~~LR - EDISON~~

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: MG Date and Time: 8-1-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 140 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AK8927 / Jeep

Driver: Hernando Russi (Type or Print Clearly) SW Haulers Permit #: 6M (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H Russi Date and Time: 08-01-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: H Russi Date and Time: 08-01-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230527

	Date	Time	Scale
In:	8/1/2012	09:20:47	Scale 1
Out:	8/1/2012	09:21:23	P.T.

	Lbs	Tns
Gross:	91040	45.52
Tare:	26000	13.00
Net:	65040	32.52

Manifest: 634610
Vehicle ID: DAN O 2

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	32.52	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634610

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ ~~IEP EDISON~~

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☑Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/12 8:15 am

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN416A #02

Driver: Jose Ortiz SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-1-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-1-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Cleap Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070000230539

	Date	Time	Scale
In:	8/1/2012	09:48:04	Scale 1
Out:	8/1/2012	09:49:14	P.T.

	Lbs	Tns
Gross:	88060	44.03
Tare:	29480	14.74
Net:	58580	29.29

Manifest: 634600
Vehicle ID: DAN 0 4

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	29.29	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Hernando

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634608

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ LIB - EDISON

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/2012

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 Danosy

Address: 198 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AM 1991

Driver: Fernando Cardenas (Type or Print Clearly) SW Haulers Permit #: _____ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8/1/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002305?8

	Date	Time	Scale
In:	8/1/2012	12:16:44	Manual W
Out:	8/1/2012	12:17:07	P.T.

	Lbs	Tns
Gross:	101240	50.62
Tare:	25620	12.81
Net:	75620	37.81

Manifest: 634613
Vehicle ID: NICK30

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.81	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: Julio

Facility: Lukasz Ceglarek

CLEANEARTH

Manifest # 634613

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ ~~IER EDISON~~

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 NICK 30

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN 548V

Driver: JULIO ECHEVERRY SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-1-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-1-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000230599

	Date	Time	Scale
In:	8/1/2012	12:17:27	Manual W
Out:	8/1/2012	12:17:44	P.T.

Manifest: 634615
Vehicle ID: JENCOR67

	Lbs	Tns
Gross:	97620	48.81
Tare:	25780	12.89
Net:	71840	35.92

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	35.92	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Hernando

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634615

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ ILR-EDISON

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AR895Y / Tenor

Driver: Hernando Russi SW Haulers Permit #: 67

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H Russi Date and Time: 08-01-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: H Russi Date and Time: 08-01-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 307000230611

	Date	Time	Scale
In:	8/1/2012	12:42:24	Scale 1
Out:	8/1/2012	12:43:25	P.T.

	Lbs	Tns
Gross:	93600	46.84
Tare:	26000	13.00
Net:	67680	33.84

Manifest: 634611
Vehicle ID: DAN D 2

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.84	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634611

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

✓ ~~NB EDISON~~

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☑ Tons ☐ Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☑ Tons ☐ Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☑ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8-1-12 11:20am

TRANSPORTER

Company: AMV/Debin Trucking Inc Phone Number: 908-810-1705 Dano's

Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN416A # 02

Driver: Jose Ortiz (Type or Print Clearly) SW Haulers Permit #: _____ (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-1-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-1-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0105

Ticket: 3070000230619

	Date	Time	Scale
In:	8/1/2012	13:02:56	Scale 1
Out:	8/1/2012	13:04:59	P.T.

	Lbs	Tns
Gross:	87600	43.80
Tare:	29480	14.74
Net:	58120	29.06

Manifest: 634609
Vehicle ID: DAN 0 4

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	29.06	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Fernando

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 634609

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071459

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: 8/1/17

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: FN 1991

Driver: J Fernando Cardenas SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8/1/17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/1/17

GENERATOR

Clean Earth of Carteret

Profile Report

Transactions from 08/09/2012 through 08/09/2012
Inbound Tickets Only
Third Party and Intercompany Customers
Recycle and Disposal Material
Sent and Unsent Tickets
Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
113071489 - 105 Metropolitan Avenue LLC						Global Job Number: 121370			
307000231909	08/09/12	NICK30	I	630551	INN862-INNOVATIVE RECYCLING	33.390 Tn	0.00	33.39	0.00
307000231923	08/09/12	JENCAR71	I	180248	INN862-INNOVATIVE RECYCLING	37.740 Tn	0.00	37.74	0.00
307000231930	08/09/12	NICK1	I	630556	INN862-INNOVATIVE RECYCLING	31.410 Tn	0.00	31.41	0.00
307000231933	08/09/12	JENCAR68	I	260134	INN862-INNOVATIVE RECYCLING	32.370 Tn	0.00	32.37	0.00
307000231952	08/09/12	JENCAR67	I	630557	INN862-INNOVATIVE RECYCLING	32.230 Tn	0.00	32.23	0.00
307000231959	08/09/12	NICK2	I	630553	INN862-INNOVATIVE RECYCLING	28.680 Tn	0.00	28.68	0.00
307000231967	08/09/12	NICK30	I	542637	INN862-INNOVATIVE RECYCLING	35.250 Tn	0.00	35.25	0.00
113071489 - 105 Metropolitan Avenue LLC							0.00	231.07	0.00
7 tickets and 7 transactions									

Report Grand Totals

	0.00	231.07	0.00

7 tickets and 7 transactions

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002319O9

	Date	Time	Scale
In:	8/9/2012	11:52:32	Scale 1
Out:	8/9/2012	11:53:23	P.T.

	Lbs	Tns
Gross:	92400	46.20
Tare:	25620	12.81
Net:	66780	33.39

Manifest: 630551
Vehicle ID: NICK30

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210
Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.39	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 630551

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: Adam TC Date and Time: 8-9-12

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 NICK 30

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN548V

Driver: JULIO ECHEVERRY SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-9-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-9-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/9/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-0165

Ticket: 3070000231923

	Date	Time	Scale
In:	8/9/2012	12:25:44	Scale 1
Out:	8/9/2012	12:27:39	P.T.

	Lbs	Tns
Gross:	101100	50.55
Tare:	25620	12.81
Net:	75480	37.74

Manifest: 180248
Vehicle ID: JENCAR71

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	37.74	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 180248

GLOBAL JOB NUMBER: 12370 **FACILITY APPROVAL NUMBER:** 1130314897

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan ave. Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: A. Adams S.W. Title:

Signature: Date and Time:

TRANSPORTER

Company: AWI Dabin Trucking Phone Number:

Address: 100 Drake Lane Tedyffrin Truck # and License Plate: AN 509 W

Driver: Hector Nieves SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #) Direct

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 8/9/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 8/9/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002319 30

	Date	Time	Scale
In:	8/9/2012	12:37:45	Scale 1
Out:	8/9/2012	12:38:43	E.T.

	Lbs	Tns
Gross:	88020	44.41
Tare:	26000	13.00
Net:	62020	31.41

Manifest: 630556
Vehicle ID: NICK1

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.41	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jesus

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 630556

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

ADAMS SK

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAMS SK Title:

Signature: Date and Time:

TRANSPORTER NICARBE/JRS TRUCKING

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AM 381 WF 1

Driver: JESUS CASTRO SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 8/9/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time: 8/9/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 8/9/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8989 Fax: (732) 541-0105

Ticket: 307000231933

	Date	Time	Scale
In:	8/9/2012	13:07:18	Scale 1
Out:	8/9/2012	13:08:06	P.T.

	Lbs	Tns
Gross:	90660	45.33
Tare:	25920	12.96
Net:	64740	32.37

Manifest: 260134
Vehicle ID: JENCAR60

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	32.37	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julian

Facility: _____
Lukasz Ceglarek

CLEANEARTH
treating the planet right

Manifest # 260134

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 1130711489

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan ave Brooklyn N.Y	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAMS SG Title:

Signature: Date and Time:

TRANSPORTER

Company: AMV/Dubin Trucking Phone Number:

Address: 190 Drake lane Ledgewood Truck # and License Plate: AP 812A (68)

Driver: Julian Grisales SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 8/9/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 8/9/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000231952

	Date	Time	Scale
In:	8/9/2012	13:54:39	Scale 1
Out:	8/9/2012	13:55:03	P.T.

	Lbs	Tns
Gross:	90240	45.12
Tare:	25780	12.89
Net:	64460	32.23

Manifest: 630557
Vehicle ID: JENCAR67

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	32.23	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Hernando

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 630557

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: Adam S SK Date and Time: _____

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AH893Y / Jenco

Driver: Henry Russi SW Haulers Permit #: GP

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H Russi Date and Time: 08-09-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: H Russi Date and Time: 08-09-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/9/12

GENERATOR

"Clean" Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000231959

	Date	Time	Scale
In:	8/9/2012	14:09:07	Scale 1
Out:	8/9/2012	14:10:07	P.T.

	Lbs	Tns
Gross:	85020	42.51
Tare:	27660	13.83
Net:	57360	28.68

Manifest: 630553
Vehicle ID: NICK2

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	28.68	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Chris

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 630553

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn, NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: _____ Date and Time: _____

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: Nickabella #2

Driver: _____ SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-9-17

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-9-17

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/9/17

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070006231967

	Date	Time	Scale
In:	8/9/2012	14:27:28	Manual W
Out:	8/9/2012	14:28:19	P.T.

	Lbs	Tns
Gross:	96120	48.06
Tare:	25620	12.81
Net:	70500	35.25

Manifest: 5426637
Vehicle ID: NICK30

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	35.25	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Julio

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542637

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other _____

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN AV LLC 105 METROPOLITAN BROOK	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE: NY 11210	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: AN ADAMS SR. Title: _____

Signature: _____ Date and Time: 8-9-12

TRANSPORTER

Company: AMV IDAMN TRUCK Phone Number: NICE 30.

Address: _____ Truck # and License Plate: AN 5481

Driver: JULIO ECHEVERRY SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 8-9-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8-9-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/9/12

GENERATOR

Clean Earth of Carteret

Profile Report

Transactions from 08/10/2012 through 08/10/2012
Inbound Tickets Only
Third Party and Intercompany Customers
Recycle and Disposal Material
Sent and Unsent Tickets
Full Details

Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
113071489 - 105 Metropolitan Avenue LLC					Global Job Number: 121370				
307000232003	08/10/12	NICK28	I	630559	INN862-INNOVATIVE RECYCLING	29.690 Tn	0.00	29.69	0.00
307000232049	08/10/12	CFBROS10	I	542905	INN862-INNOVATIVE RECYCLING	33.520 Tn	0.00	33.52	0.00
307000232063	08/10/12	CFBROS9	I	542908	INN862-INNOVATIVE RECYCLING	31.100 Tn	0.00	31.10	0.00
307000232067	08/10/12	CFBROS7	I	542907	INN862-INNOVATIVE RECYCLING	34.480 Tn	0.00	34.48	0.00
307000232133	08/10/12	CFBROS10	I	542904	INN862-INNOVATIVE RECYCLING	34.010 Tn	0.00	34.01	0.00
307000232144	08/10/12	CFBROS9	I	542906	INN862-INNOVATIVE RECYCLING	33.710 Tn	0.00	33.71	0.00
307000232182	08/10/12	NICK28	I	542836	INN862-INNOVATIVE RECYCLING	26.470 Tn	0.00	26.47	0.00
113071489 - 105 Metropolitan Avenue LLC							0.00	222.98	0.00
7 tickets and 7 transactions									

Report Grand Totals

0.00	222.98	0.00

7 tickets and 7 transactions

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000232003

	Date	Time	Scale
In:	8/10/2012	06:48:41	Scale 1
Out:	8/10/2012	06:50:39	P.T.

	Lbs	Tns
Gross:	85420	42.71
Tare:	26040	13.02
Net:	59380	29.69

Manifest: 630659
Vehicle ID: NICK28

Customer: INNOVATIVE RECYCLING

Facility Approval#: 213071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	29.69	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Gustavo

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 630559

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC, 105 Metropolitan Ave Brooklyn, NY 11210	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAM S S.K Title:

Signature: Date and Time:

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ladgewood, NJ 07852 Truck # and License Plate: #28 AN732R

Driver: GUSTAVO TORO SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Gustavo Toro Date and Time: 08-9-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: GUSTAVO TORO Date and Time: 08-10-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 3070002320049

	Date	Time	Scale
In:	8/10/2012	08:44:13	Scale 1
Out:	8/10/2012	08:49:24	P.T.

	Lbs	Tns
Gross:	93640	46.82
Tare:	26600	13.30
Net:	67040	33.52

Manifest: 542905
Vehicle ID: CFIROS10

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.52	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Flavio

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542905

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 1130714 89

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 105 Metropolitan Avenue LLC 105 Metropolitan Ave. Brooklyn NY 11210	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ADAMS SK Title: _____

Signature: ADAMS S.K Date and Time: 8.10.12.

TRANSPORTER

Company: CF Bros Phone Number: _____

Address: 69 west Second St Truck # and License Plate: CF #10 AL312C

Driver: Fbuio Martinez SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Fbuio Martinez Date and Time: 8/10/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Fbuio Martinez Date and Time: 8/10/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000232063

	Date	Time	Scale
In:	8/10/2012	09:31:24	Scale 1
Out:	8/10/2012	09:31:32	P.T.

	Lbs	Tns
Gross:	90000	45.00
Tare:	27800	13.90
Net:	62200	31.10

Manifest: 542908
Vehicle ID: CF4R059

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	31.10	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Carlos

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542908

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan AVE LLC 105 Metropolitan AVE Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: ADAMS S.F. CADAMS S.F. Date and Time: _____

TRANSPORTER

Company: CF. Bros Phone Number: 732-585 9833

Address: 69 W Sacquel ST Truck # and License Plate: AN6564 II09

Driver: _____ SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 08/10/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 8/10/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 307000230067

	Date	Time	Scale
In:	8/10/2012	09:34:11	Scale 1
Out:	8/10/2012	09:35:30	P.T.

	Lbs	Tns
Gross:	95500	47.75
Tare:	26540	13.27
Net:	68960	34.48

Manifest: 542907
Vehicle ID: CFBR067

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071409
Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	34.48	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Jose

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542907

GLOBAL JOB NUMBER: 12 1370 **FACILITY APPROVAL NUMBER:** 1130714 89

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN NY LLC 105 METROPOLITAN AVE BROOKLYN NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: ADAMS S. K. Date and Time: _____

TRANSPORTER

Company: C F Bros Phone Number: _____

Address: 69 W Second St Boonton Boonton Truck # and License Plate: AL794W IT 7

Driver: Jose Quintuno SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Jose Quintuno Date and Time: 8-10-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Jose Quintuno Date and Time: 8-10-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 307000232133

	Date	Time	Scale
In:	8/10/2012	11:40:25	Scale 1
Out:	8/10/2012	11:41:51	E.T.

	Lbs	Tns
Gross:	94620	47.31
Tare:	26600	13.30
Net:	68020	34.01

Manifest: 542904
Vehicle ID: CFEROS10

Customer: INNOVATIVE RECYCLING

Facility Approval#: 143071409

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	34.01	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: Flavio

Facility: Lukasz Ceglarek

CLEANEARTH

Manifest # 542904

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 METROPOLITAN AVENUE LLC 105 Metropolitan Ave. Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: V. ADAMS S.V.P. Date and Time: 8/10/12

TRANSPORTER

Company: CF Bros Phone Number: _____

Address: 69 West Second St Truck # and License Plate: CF#10 AL312C

Driver: Flavio Martinez SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Flavio Martinez Date and Time: 8/10/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Flavio Martinez Date and Time: 8/10/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 307000232144

	Date	Time	Scale
In:	8/10/2012	12:11:43	Scale 1
Out:	8/10/2012	12:12:04	P.T.

	Lbs	Tns
Gross:	95220	47.61
Tare:	27800	13.90
Net:	67420	33.71

Manifest: 542906
Vehicle ID: CFBR089

Customer: INNOVATIVE RECYCLING

Facility Approval#: 133071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	33.71	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Carlos

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542906

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
105 Metropolitan Ave LLC 105 Metropolitan Ave Brooklyn NY 11210	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

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I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: ADAMS S.K. Date and Time: _____

TRANSPORTER

Company: C.F. Bros Phone Number: _____

Address: 69 W Sproud ST. Truck # and License Plate: 2F09 AH 6564

Driver: Carlos Montes SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: _____ Date and Time: 08/10/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 08/10/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-0909 Fax: (732) 541-8105

Ticket: 307000232182

	Date	Time	Scale
In:	8/10/2012	14:23:56	Scale 1
Out:	8/10/2012	14:24:48	P.T.

	Lbs	Tns
Gross:	78380	39.49
Tare:	26040	13.02
Net:	52340	26.47

Manifest: 542836
Vehicle ID: NICK28

Customer: INNOVATIVE RECYCLING

Facility Approval#: 113071489

Generator: 105 Metropolitan Avenue L
Gen Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Job Name: 105 Metropolitan Avenue LLC
Job Address: 105 Metropolitan Avenue
Brooklyn, NY 11210

Origin	Materials & Services	Quantity	Unit
Not Applicable	Soil Treatment Type II	26.47	Tns

Contaminate Type: Not Applicable
Treatment Type: Not Applicable
Fac Waste Code: Not Applicable

Comment:

Driver: _____
Gustavo

Facility: _____
Lukasz Ceglarek

CLEANEARTH

Manifest # 542836

GLOBAL JOB NUMBER: 121370 **FACILITY APPROVAL NUMBER:** 113071489

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
105 Metropolitan Avenue LLC 105 Metropolitan Ave Brooklyn NY 11211	TARE WEIGHT: ☐ Tons ☐ Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: _____ Title: _____

Signature: ADAMS SK Date and Time: _____

TRANSPORTER

Company: AMV/Dabin Trucking Inc. Phone Number: 908 810 1705

Address: 190 Brace lane Ledgewood NJ 07852 Truck # and License Plate: #28 AN732R.

Driver: Gustavo Toro SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Gustavo Toro Date and Time: 08-10-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: _____ Date and Time: 08-10-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: 8/10/12

GENERATOR

APPENDIX F

VAPOR BARRIER TECHNICAL SHEETS

Bituthene® 4000

Self-adhesive HDPE waterproofing membrane with enhanced bonding characteristics for use with B2 moisture tolerant primer.

Advantages

- Cold applied - simple application to substrates especially at low temperatures.
- Suitable for application to "green" concrete - reduces programme schedules
- Moisture tolerant primer system - allows application in damp or marginal weather conditions.
- Wide application temperature range - excellent bond to self and substrate from -10°C to +35°C.
- Overlap security - enhanced-bond provides additional security.
- Cross laminated high density polyethylene carrier film - provides high tear strength, puncture and impact resistance.
- Flexible - accommodates concrete shrinkage cracks.
- Gas resistant - methane, carbon dioxide and radon gas protection in excess of the standard membrane requirements in BRE Reports 211 (radon) and 212 (methane and carbon dioxide).

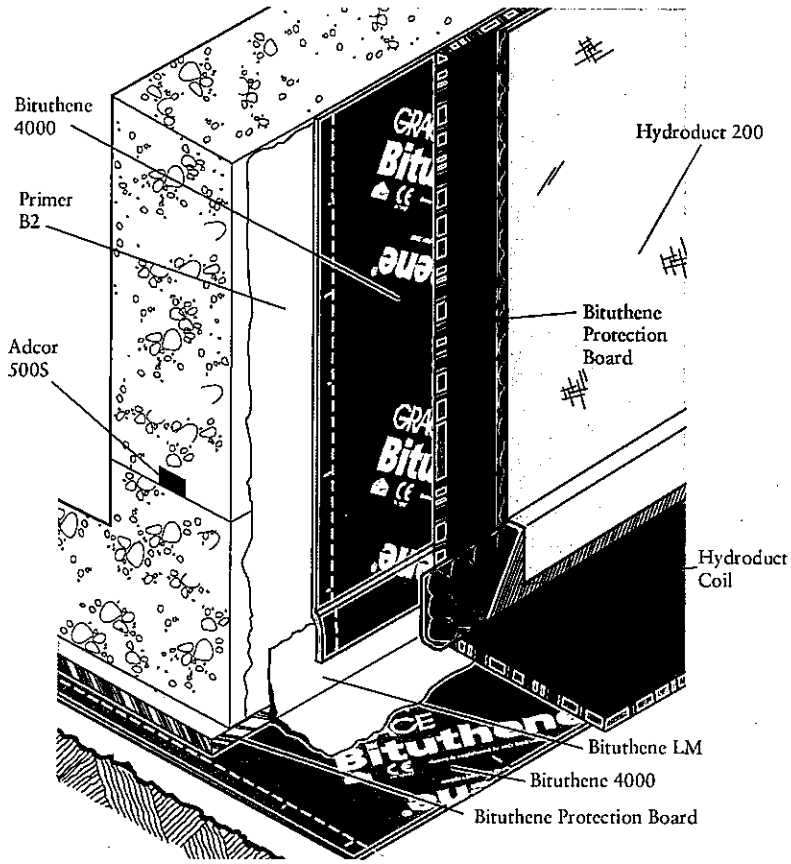
Description

Bituthene® 4000 is a flexible preformed waterproof membrane combining a high performance cross laminated, HDPE carrier film with a unique super sticky self-adhesive rubber bitumen compound.

Ancillary Products

Primer B2

Primer B2 is used to prepare vertical and sloping surfaces and suspended slabs. It is moisture tolerant and can be used on "green" concrete or damp to touch substrates.



Bituthene® LM

Waterproof continuity at angles and at penetrations is provided by Bituthene LM two component chemically curing liquid applied waterproof membrane.

Bituthene® Protection Boards

Damage from following trades and backfill is prevented by Bituthene® Protection Boards. Located with Bitustik™ 4000 double sided tape.

Details shown are typical illustrations only and not working drawings. For assistance with working drawings and additional technical advice please contact Grace Technical Services

EN 13967

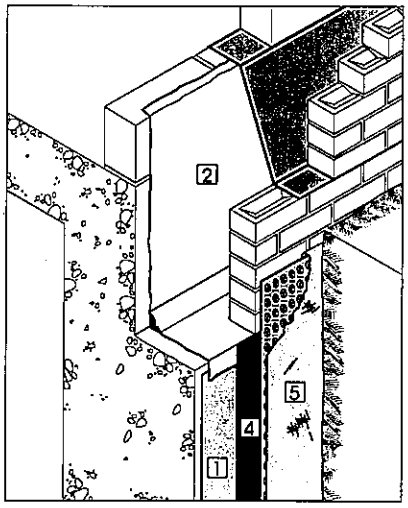
GRACE Construction Products

Supply

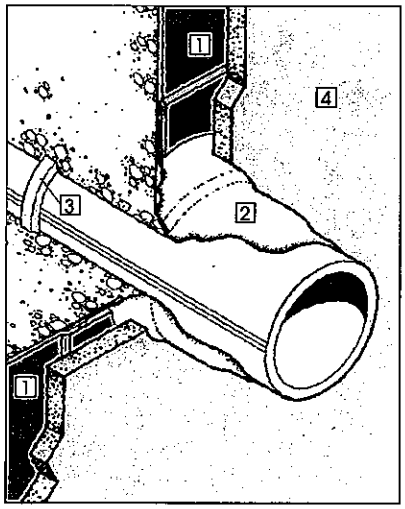
Bituthene® 4000	1 m x 20 m roll (20 sq m) Weight 32 kg
Palletisation	15 rolls per pallet
Storage	Store upright in dry conditions below +30°C
Primer B2	5, 25 litre drums
Coverage	10 - 12 sq m per litre depending upon method of application, surface porosity and ambient temperature
Ancillary Products	
Bituthene® LM	5.7 litre packs
Bituthene® Protection Boards	3 mm x 1 m x 2 m
Adcor® 500S	6 x 5 m rolls
Hydroduct®	In lieu of drainage stone
Waterstops	See separate data sheet for details
Bitustik™ 4000 Lap Roller	150 mm x 12 m roll Unit

Physical Properties

Property	Typical Results	Test Method
Elongation at max load	Long 244% Trans 185%	BS 2782 320 A
Tear Resistance	Long 77N Trans 92N	MOAT 27:5.4.1
Peel Strength	76.5 N/mm²	MOAT 27:5.1.3
Tensile Strength of joints	117N	MOAT 27:5.2.2
Moisture Vapour Permeability	0.31 g/m²/24 hours	BS 3177: 1959 (75% RH/25°C)
Puncture Resistance	220 N 65mm	ASTM E154
Water Resistance (6m head)	No penetration	MOAT 27:5.1.4
Environmental Resistance	Conforms	ASTM D543



Typical ground level termination detail



Pipe through wall detail

Installation

At air temperatures below +4°C measures should be taken to ensure that all surfaces are free from ice or frost. All surfaces except those below ground bearing slabs and Preprufe® R membranes should be primed with one coat of Primer B2 applied at a rate of approx. 10m² per litre.

Bituthene 4000 shall be laid by peeling back the protective release paper and applying the adhesive face onto the prepared surface, free from ice, frost, condensation or any contaminants which could adversely effect adhesion.

Bituthene LM to be applied at all internal and external corners, penetrations etc. prior to applying the overall membrane.

Bituthene 4000 should be brushed onto the surface to ensure good initial bond and exclude air. Adjacent rolls are aligned and overlapped 50mm minimum at side and ends and well rolled with a firm pressure, using a lap roller to ensure complete adhesion and continuity between the layers. On high walls it may be necessary to batten fix the membrane to prevent slippage.

Repairs

Damaged areas to be repaired by patching with an oversize patch applied to a clean dry surface and firmly rolled.

Performance

Bituthene 4000 complies with the relevant section of the following national standards:

BS 8102:1990, Building Regulations (England and Wales) 1991 (amended 1994) clause C4. Building Regulations (Northern Ireland) 1994 (amended 1995) clause B2. Building Standard (Scotland) Regulations 1990, Regulation B2.1, G2.6.

Health and Safety

There is no legal requirement for a Material Safety Data Sheet for Bituthene 4000, Bituthene Protection Boards, Bitustik, Lap Roller, Hydroduct or waterstops. For health and safety questions on these products please contact Grace Construction Products Limited.

For Primer B2, and Bituthene LM read the product label and Material Safety Data Sheet (MSDS) before use. Users must comply with all risk and safety phrases. MSDS's can be obtained from Grace Construction Products or from our web site at www.graceconstruction.com.

Key to diagrams:

1. Bituthene 4000 on Primer B2
2. Bituthene LM
3. Adcor 500S
4. Bituthene Protection Board
5. Hydroduct 220

NBS Specification Clause

Refer to Clause 180 and 190.

web Visit our web site at www.graceconstruction.com

Grace Construction Products Ltd, Ajax Avenue, Slough, Berkshire SL1 4BH United Kingdom Tel +44 (0)1753 692929 Fax +44 (0)1753 691623

Printed in England - 05.06- Ref. WM004C

GRACE Construction Products

GRACE
Construction Products

1. Product Name

- Grace Ice & Water Shield®
- Grace Select
- Grace Ultra

2. Manufacturer

Grace Construction Products
62 Whittemore Avenue
Cambridge, MA 02140
(866) 333-3SBM (3726)
Fax: (410) 431-7392
www.graceconstruction.com
www.graceathome.com

3. Product Description

BASIC USE

Grace underlayments are used on sloped roofs beneath shingles, shakes, slate, tile and metal roofing. These products help prevent leaks caused by wind driven rain and water back-up from ice dams in flashing areas, on roof edges, valleys, ridges and other critical areas.

Grace Ice & Water Shield® provides superior protection from ice dams and wind driven rain in severe climate areas. With RIPCORD®, Grace Ice & Water Shield is now easier to install. This "Split Release on Demand" feature (thin cord embedded below the rubberized asphalt) allows splitting the release paper in half. Installation in detailed areas, such as chimneys and valleys, is quicker and easier. Grace Select is appropriate for use in wind driven rain applications and for ice dams where code based standards of protection are sufficient. Grace Ultra is appropriate for applications where the membrane must withstand high in-service temperatures for extended periods of time and is suitable for applications in hot desert southwestern U.S. climates or any application where superior heat resistance is a requirement.

COMPOSITION & MATERIALS

Grace Ice & Water Shield and Grace Select are cold applied, self-adhering membranes composed of a high strength polyethylene film coated on one side with a layer of rubberized asphalt adhesive and interwound with a disposable release sheet. An embossed, slip resistant surface is provided on the polyethylene.

Grace Ultra is a cold applied, self-adhering membrane composed of a high strength polyethylene film coated on one side with a layer of butyl rubber adhesive and interwound with a disposable release sheet. An embossed, slip resistant surface is provided on the polyethylene.

PRECAUTIONS AND LIMITATIONS

- Slippery when wet or covered by frost.
- Consistent with good roofing practice, always wear fall protection when working on a roof deck.
- Release liners are slippery. Remove from work area immediately after membrane application.
- Do not leave permanently exposed to sunlight. Maximum recommended exposure of Grace Select is 30 days, Grace Ice & Water Shield is 30 days and Grace Ultra is 60 days.
- Place metal drip edge or wood starter shingles over the membrane.
- Do not fold over the roof edge unless the edge is protected by a drip edge, gutter or other flashing material.
- Do not install on the chamfered edges of wood plank.
- Do not install directly on old roof coverings.
- Do not install Grace Select or Grace Ice & Water Shield in the desert Southwest. Use Grace Ultra in this climate. Check with your Grace representative.
- Grace Ice & Water Shield and Grace Ultra can be used for high altitude/alpine regions.
- Check with the manufacturer of the metal roofing system for any special requirements when used under metal roofing. Do not install directly under roof coverings especially sensitive to corrosion, such as zinc, without providing proper ventilation.
- Do not install Grace Select or Grace Ice & Water Shield under copper, Cor-Ten® or zinc metal roofing in high altitude climates. These roofs can reach extremely high temperatures due to the low reflectivity, high absorption and high conductivity of the metals. Use Grace Ultra for these roof types in this climate. Check with your Grace representative.
- Provide proper roof insulation and ventilation to help reduce ice dams and to minimize condensation. Grace underlayments are air and vapor barriers.
- Repair holes, fishmouths, tears, and damage to membrane with a round patch of membrane extending past the damaged area 6" (150 mm) in all directions. If fasteners are removed leaving holes in the membrane, it must be patched. The membrane may not self-seal open fastener penetrations.
- Do not install fasteners through the membrane over unsupported areas of the structural deck, such as over the joints between adjacent structural panels.
- Due to its slight asphaltic odor, do not apply where the membrane is exposed to interior living space.
- Not compatible with polysulphides, flexible PVC or high concentrations of resin (pitch).
- Only Grace Ultra is compatible with EPDMs. Also appropriate for use in tie-ins in EPDM with other Grace underlayments.

4. Technical Data

APPLICABLE STANDARDS

ASTM International

- ASTM D412 Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers in Tension
- ASTM D903 Standard Test Method for Peel or Stripping of Adhesive Bonds
- ASTM D1970 Standard Specification for Self-Adhering Polymer-Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection
- ASTM D3767 Standard Practice for Rubber-Measurement of Dimensions
- ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials
- ASTM E108 Standard Test Methods for Fire Tests of Roof Coverings

APPROVALS

GIWS meets or exceeds all key code performance requirements for self-adhered underlayments.

LA City Department of Safety Report No. RR-25330, GIWS

International Conference of Building Officials (ICBO ES) - Report No. 3997; Grace Ice & Water Shield, Grace Select, Grace Ultra

Southern Building Code Congress International, Inc. (SBCCI PST and ESI) – Report No. 94133C; Grace Ice & Water Shield

Building Officials and Code Administrators International Inc. (BOCA ES) - Report No. 94-33; Grace Ice & Water Shield

Miami Dade County Code NOA 02-1113.02; Grace Ice & Water Shield

Canadian Construction Materials Centre (CCMC) - Report No. 12693-R; Grace Ice & Water Shield

U.S. Department of Housing & Urban Development (HUD) – Materials Release 1056d; Grace Ice & Water Shield

PHYSICAL PROPERTIES

Grace underlayments meet the physical properties and performance characteristics indicated in Table 1.

FIRE RATING

Underwriters Laboratories Inc. (UL)

- ASTM E108/UL 790 Class A fire classification under asphalt, glass fiber mat shingles and Class C under organic felt shingles for Grace Ice & Water Shield, Grace Select and Grace Ultra
- UL Classified Sheathing Material Fire Resistance Classification Design Numbers P225, P227, P230, P237, P259, P508, P510, P512, P514, P701, P711, P717, P722, P723, P732, P734, P736, P742, P803, P814, P818 and P824 for Grace Ice & Water Shield and Grace Ultra

5. Installation

SURFACE PREPARATION

Install Grace underlayments directly on a clean, dry, continuous structural deck. Some suitable deck materials are plywood, wood composition, wood plank, metal, concrete, or gypsum sheathing. For all other sheathings, contact a local Grace representative.

Remove dust, dirt, loose nails and old roofing materials. Protrusions from the deck area must be removed. Decks shall have no voids, damaged or unsupported areas. Repair deck areas before installing the membrane. Wood planks should be closely butted together.

Prime concrete, masonry surfaces and Dens-Glass Gold® with Perm-A-Barrier® WB Primer if adhesion is found to be marginal. Apply at a rate of 250 - 350 ft^2/gal (6 - 8 m^2/L). Priming is not required for other suitable surfaces provided that they are clean and dry.

MEMBRANE INSTALLATION

Apply Grace underlayments only in fair weather when the air, roof deck and membrane are at temperatures of 40 degrees F (5 degrees C) or higher. Apply roof covering material at temperatures of 40 degrees F (5 degrees C) or higher.

Cut the membrane into 10' - 15' (3 - 5 m) lengths and reroll loosely. Peel back 1' - 2' (300 - 600 mm) of release liner, align the membrane, and continue to peel the release liner from the membrane. Press the membrane in place with heavy hand pressure. Side laps must be a minimum of 3 1/2" (90 mm), and end laps must be a minimum of 6" (150 mm). For valley and ridge application, peel the release liner, center the sheet over the valley or ridge, drape, and press in place. Use RIPCORD® to split the release paper for faster and easier installation in these detail areas. Work from the center of the valley or ridge outward in each direction and start at the low point and work up the roof.

Alternatively, starting with a full roll of membrane, unroll a 3' - 6' (1 - 2 m) "starter strip," leaving the release liner in place. Align the membrane and roll in the intended direction of membrane application. Carefully cut the release liner on top of the full roll in the cross direction being careful not to cut the membrane. Peel back about 6" (150 mm) of the release liner in the opposite direction of the intended membrane application exposing the black adhesive. Hold the release liner with one hand and pull the roll along the deck with the release liner, leaving the starter strip behind. Use the other hand to apply pressure on the top of the roll. Stop frequently to press the membrane in place with heavy hand pressure. When finished with the roll, go back to the beginning, reroll it, and pull the remaining release paper from the material, finishing the installation.

Consistent with good roofing practice, install the membrane so that all laps shed water. Always work from the low point to the high point of the roof. Apply the membrane in valleys before the membrane is applied to the eaves. Following placement along the eaves, continue application of the membrane up the roof. The membrane may be installed either vertically or horizontally.

Use smooth shank, electroplated galvanized nails for fastening shingles. Hand nailing will provide a better seal than power activated nailing. If nailing of the membrane is necessary on steep slopes during hot weather, backnail and cover the nails by overlapping with the next sheet.

Extend the membrane on the roof deck above the highest expected level of water back-up from ice dams and above the highest expected level of snow and ice on the wall sheathing on vertical side walls (dormers) and

TABLE 1 PHYSICAL PROPERTIES OF GRACE UNDERLAYMENTS

Property & test method	Grace Ice & Water Shield	Grace Select	Grace Ultra
Color	Gray-Black	Gray-Black	Gray-Black
Thickness membrane, ASTM D3767, Method A	40 mil (1.02 mm)	25 mil (0.64 mm)	30 mil (0.76 mm)
Tensile strength, membrane ASTM D412 (Die C Modified)	250 psi (1720 kPa)	250 psi (1720 kPa)	250 psi (1720 kPa)
Elongation, membrane ASTM D412 (Die C Modified)	250%	250%	250%
Low temperature flexibility, ASTM D1970	Unaffected at -20°F (-29°C)	-	Unaffected at -20°F (-29°C)
Adhesion to plywood, ASTM D903	3 lb/in width (525 N/m)	3 lb/in width (525 N/m)	3 lb/in width (525 N/m)
Permeance (max), ASTM E96	0.05 perms max (2.9 ng/(Pa x s x m^2))		0.05 perms max (2.9 ng/(Pa x s x m^2))
Material weight installed (max),	0.3 lb/ft^2 max (1.3 kg/m^2)	0.14 lb/ft^2 max (0.7 kg/m^2)	0.22 lb/ft^2 max (1.1 kg/m^2)

vertical front walls for ice dam protection. Consider a double layer of membrane in critical areas, such as along the eaves or in valleys, in climates where severe ice dams are anticipated. Apply the membrane to the entire roof deck for wind driven rain protection. Apply a new layer of Grace underlayment directly over the old Grace underlayment in retrofit applications following the standard membrane application procedure. Place metal drip edges or wood starter shingles over the membrane.

6. Availability & Cost

AVAILABILITY

Strategically located warehouses and dealers stock Grace underlayments throughout North America.

COST

Grace underlayments are competitively priced. For specific information, contact a Grace representative.

7. Warranty

Grace underlayments are warranted to be free of defects in manufacture.

8. Maintenance

When installed in accordance with manufacturer's recommendations, Grace underlayments will not require maintenance.

9. Technical Services

Support is provided by full-time technically trained Grace representatives and technical service personnel, and backed by a central research and development staff. For technical assistance, call toll free (866) 333-3SBM (3726).

10. Filing Systems

- Reed First Source
- Additional product information is available from the manufacturer.

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TABLES

Table 1

Soil Cleanup Objectives for Volatile Organic Compounds
EPA Method 8260

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Soil Cleanup Objectives Unrestricted Use [1]
Volatile Organic Compounds by USEPA method 8260, in µg/kg	
1,1,1,2-Tetrachloroethane	NS
1,1,1-Trichloroethane '	680
1,1,2,2-Tetrachloroethane	NS
1,1,2-Trichloroethane	NS
1,1-Dichloroethane '	270
1,1-Dichloroethene '	330
1,1-Dichloropropene	NS
1,2,3-Trichlorobenzene	NS
1,2,3-Trichloropropane	NS
1,2,4,5-Tetramethylbenzene	NS
1,2,4-Trichlorobenzene	NS
1,2,4-Trimethylbenzene '	3,600
1,2-Dibromo-3-chloropropane	NS
1,2-Dibromoethane	NS
1,2-Dichlorobenzene '	1,100
1,2-Dichloroethane	20[c]
1,2-Dichloropropane	NS
1,3,5-Trimethylbenzene '	8,400
1,3-Dichlorobenzene '	2,400
1,3-Dichloropropane	NS
1,4-Dichlorobenzene	1,800
1,4-Diethylbenzene	NS
2,2-Dichloropropane	NS
2-Butanone	120
2-Hexanone	NS
4-Ethyltoluene	NS
4-Methyl-2-pentanone	NS
Acetone	50
Acrylonitrile	NS
Benzene	60
Bromobenzene	NS
Bromochloromethane	NS
Bromodichloromethane	NS
Bromoform	NS
Bromomethane	NS
Carbon disulfide	NS
Carbon tetrachloride '	760
Chlorobenzene	1,100
Chloroethane	NS
Chloroform	370
Chloromethane	NS
cis-1,2-Dichloroethene '	250
cis-1,3-Dichloropropene	NS
Dibromochloromethane	NS
Dibromomethane	NS
Dichlorodifluoromethane	NS
Ethyl ether	NS
Ethylbenzene '	1,000
Hexachlorobutadiene	NS
Isopropylbenzene	2,300
Methyl tert butyl ether '	930
Methylene chloride	50
n-Butylbenzene '	12,000
n-Propylbenzene '	3,900
Naphthalene	12,000
o-Chlorotoluene	NS
o-Xylene	260
p-Chlorotoluene	10,000
p-Isopropyltoluene	NS
p/m-Xylene	260
sec-Butylbenzene '	11,000
Styrene	NS
tert-Butylbenzene '	5,900
Tetrachloroethene	1,300
Toluene	700
trans-1,2-Dichloroethene '	190
trans-1,3-Dichloropropene	NS
trans-1,4-Dichloro-2-butene	NS
Trichloroethene	470
Trichlorofluoromethane	NS
Vinyl acetate	NS
Vinyl chloride	20

Notes:
[1] NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

f - Protection of ecological resources SCOs were not developed for contaminants identified in Table 375-6.8(b) wish "NS". Where such contaminants appear in Table 375-6.8(a), the applicant may be required by the Department to calculate a protection of ecological resources SCO according to the TSD.

Bold / Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 2

Soil Cleanup Objectives for Metals
EPA Method 6010

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Soil Cleanup Objectives Unrestricted Use [1]
Metals by USEPA method 6010 - mg/kg	
Aluminum	NS
Antimony	NS
Arsenic	13[c]
Barium	350[c]
Beryllium	7.2
Cadmium	2.5[c]
Calcium	NS
Chromium, trivalent[e]	30[c]
Cobalt	NS
Copper	50
Iron	NS
Lead	63[c]
Magnesium	NS
Manganese	1,600[c]
Total Mercury	0.18[c]
Nickel	30
Potassium	NS
Selenium	3.9[c]
Silver	2
Sodium	NS
Thallium	NS
Vanadium	NS
Zinc	109[c]

Notes:

[1] NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentrationis used as the Track1 SCO value for this use of the site.

e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

Bold / Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 3

Soil Analytical Results for Volatile Organic Compounds
EPA Method 8260

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Soil Cleanup Objectives Unrestricted Use [1]	EP002 L1213972-03 8/2/2012		EP003 L1213972-01 8/2/2012		Blind Duplicate [2] L1213972-02 8/2/2012	
Volatile Organic Compounds by USEPA method 8260, in µg/kg							
1,1,1,2-Tetrachloroethane	NS	2.8	U	2.9	U	2.8	U
1,1,1-Trichloroethane	680	2.8	U	2.9	U	2.8	U
1,1,2,2-Tetrachloroethane	NS	2.8	U	2.9	U	2.8	U
1,1,2-Trichloroethane	NS	4.3	U	4.4	U	4.2	U
1,1-Dichloroethane	270	4.3	U	4.4	U	4.2	U
1,1-Dichloroethene	330	2.8	U	2.9	U	2.8	U
1,1-Dichloropropene	NS	14	U	14	U	14	U
1,2,3-Trichlorobenzene	NS	14	U	14	U	14	U
1,2,3-Trichloropropane	NS	28	U	29	U	28	U
1,2,4,5-Tetramethylbenzene	NS	11	U	12	U	11	U
1,2,4-Trichlorobenzene	NS	14	U	14	U	14	U
1,2,4-Trimethylbenzene	3,600	14	U	14	U	14	U
1,2-Dibromo-3-chloropropane	NS	14	U	14	U	14	U
1,2-Dibromoethane	NS	11	U	12	U	11	U
1,2-Dichlorobenzene	1,100	14	U	14	U	14	U
1,2-Dichloroethane	20[c]	2.8	U	2.9	U	2.8	U
1,2-Dichloropropane	NS	9.9	U	10	U	9.8	U
1,3,5-Trimethylbenzene	8,400	14	U	14	U	14	U
1,3-Dichlorobenzene	2,400	14	U	14	U	14	U
1,3-Dichloropropane	NS	14	U	14	U	14	U
1,4-Dichlorobenzene	1,800	14	U	14	U	14	U
1,4-Diethylbenzene	NS	11	U	12	U	11	U
2,2-Dichloropropane	NS	14	U	14	U	14	U
2-Butanone	120	28	U	29	U	28	U
2-Hexanone	NS	28	U	29	U	28	U
4-Ethyltoluene	NS	11	U	12	U	11	U
4-Methyl-2-pentanone	NS	28	U	29	U	28	U
Acetone	50	28	U	29	U	37	
Acrylonitrile	NS	28	U	29	U	28	U
Benzene	60	2.8	U	2.9	U	2.8	U
Bromobenzene	NS	14	U	14	U	14	U
Bromochloromethane	NS	14	U	14	U	14	U
Bromodichloromethane	NS	2.8	U	2.9	U	2.8	U
Bromoform	NS	11	U	12	U	11	U
Bromomethane	NS	5.7	U	5.8	U	5.6	U
Carbon disulfide	NS	28	U	29	U	28	U
Carbon tetrachloride	760	2.8	U	2.9	U	2.8	U
Chlorobenzene	1,100	2.8	U	2.9	U	2.8	U
Chloroethane	NS	5.7	U	5.8	U	5.6	U
Chloroform	370	4.3	U	4.4	U	4.2	U
Chloromethane	NS	14	U	14	U	14	U
cis-1,2-Dichloroethene	250	2.8	U	2.9	U	2.8	U
cis-1,3-Dichloropropene	NS	2.8	U	2.9	U	2.8	U
Dibromochloromethane	NS	2.8	U	2.9	U	2.8	U
Dibromomethane	NS	28	U	29	U	28	U
Dichlorodifluoromethane	NS	28	U	29	U	28	U
Ethyl ether	NS	14	U	14	U	14	U
Ethylbenzene	1,000	2.8	U	2.9	U	2.8	U
Hexachlorobutadiene	NS	14	U	14	U	14	U
Isopropylbenzene	2,300	2.8	U	2.9	U	2.8	U
Methyl tert butyl ether	930	5.7	U	5.8	U	5.6	U
Methylene chloride	50	21	J	12	J	9.6	J
n-Butylbenzene	12,000	2.8	U	2.9	U	2.8	U
n-Propylbenzene	3,900	2.8	U	2.9	U	2.8	U
Naphthalene	12,000	14	U	14	U	14	U
o-Chlorotoluene	NS	14	U	14	U	14	U
o-Xylene	260	5.7	U	5.8	U	5.6	U
p-Chlorotoluene	10,000	14	U	14	U	14	U
p-Isopropyltoluene	NS	2.8	U	2.9	U	2.8	U
p/m-Xylene	260	5.7	U	5.8	U	5.6	U
sec-Butylbenzene	11,000	2.8	U	2.9	U	2.8	U
Styrene	NS	5.7	U	5.8	U	5.6	U
tert-Butylbenzene	5,900	14	U	14	U	14	U
Tetrachloroethene	1,300	2.8	U	2.9	U	2.8	U
Toluene	700	4.3	U	4.4	U	4.2	U
trans-1,2-Dichloroethene	190	4.3	U	4.4	U	4.2	U
trans-1,3-Dichloropropene	NS	2.8	U	2.9	U	2.8	U
trans-1,4-Dichloro-2-butene	NS	14	U	14	U	14	U
Trichloroethene	470	2.8	U	2.9	U	2.8	U
Trichlorofluoromethane	NS	14	U	14	U	14	U
Vinyl acetate	NS	28	U	29	U	28	U
Vinyl chloride	20	5.7	U	5.8	U	5.6	U

Notes:

[1] NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

[2] The blind duplicate sample is listed as EP004 in the laboratory analytical sheets and is a blind duplicate of EP003.

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

b - For constituents where the calculated SCO was lower than the contract required quantitation limit (CRQL), the CRQL is used as the Track 1 SCO.

Department and Department of Health rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.

Bold / Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 4

Soil Analytical Results for Metals
EPA Method 6010

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Soil Cleanup Objectives Unrestricted Use [1]	EP002 L1213972-03 8/2/2012		EP003 L1213972-01 8/2/2012		Blind Duplicate [2] L1213972-02 8/2/2012		EP-2A L1214656-02 8/15/2012		EP-3A L1214656-01 8/15/2012		Blind Duplicate [3] L1214641-02 8/15/2012	
Metals by USEPA method 6010 - mg/kg													
Aluminum	NS	8,500		7,200		7,900		9,700		6,000		7,500	
Antimony	NS	1.8	J	1.9	J	4.3	J	5.6		0.97	J	5.1	
Arsenic	13[c]	**14**		3		3.7		4.2		2.1		3.6	
Barium	350[c]	110		81		93		86		43		84	
Beryllium	7.2	0.52		0.48		0.49		0.7		0.37	J	0.6	
Cadmium	2.5[c]	0.41	J	0.17	J	0.22	J	0.82	U	0.88	U	0.89	U
Calcium	NS	12,000		2,000		2,600		1,500		730		1,400	
Chromium, trivalent[e]	30[c]	18		17		21		25		15		18	
Cobalt	NS	6		6.7		7.3		10		5.4		10	
Copper	50	24		21		23		30		16		23	
Iron	NS	16,000		20,000		20,000		37,000		19,000		29,000	
Lead	63[c]	**110**		**70**		**88**		13		13		14	
Magnesium	NS	2,000		2,100		2,000		2,000		1,400		2,000	
Manganese	1,600[c]	320		370		370		930		340		900	
Total Mercury	0.18[c]	**0.21**		0.08		0.13		0.08	U	0.03	J	0.02	J
Nickel	30	11		12		14		17		9.3		15	
Potassium	NS	1,100		1,200		1,200		1,400		880		1,200	
Selenium	3.9[c]	0.35	J	0.44	J	1.8	U	1.6	U	1.8	U	1.8	U
Silver	2	0.85	U	0.9	U	0.9	U	0.82	U	0.88	U	0.89	U
Sodium	NS	240		270		220		240		120	J	240	
Thallium	NS	0.66	J	0.62	J	1.8	U	3.7		2		2.8	
Vanadium	NS	26		28		32		45		28		36	
Zinc	109[c]	81		61		68		47		30		40	

Notes:

[1] NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8a 12/06

[2] The blind duplicate sample is listed as EP004 in the laboratory analytical sheets and is a blind duplicate of EP003.

[3] This sample is a blind duplicate of EP-2A.

NS - No Standard

U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentrationis used as the Track1 SCO value for this use of the site.

e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

Bold / Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

Table 5

Water Analytical Results for Volatile Organic Compounds
EPA Method 8260

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Ambient Water Quality Standards [1]	Field Blank L1213972-01 8/2/2012		Trip Blank L1213972-02 8/2/2012	
Volatile Organic Compounds by USEPA method 8260, in µg/kg					
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	NS	2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U
1,2-Dichloroethane	1	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U
1,4-Diethylbenzene	NS	2	U	2	U
2,2-Dichloropropane	5	2.5	U	2.5	U
2-Butanone	50	5	U	5	U
2-Hexanone	50	5	U	5	U
4-Ethyltoluene	NS	2	U	2	U
4-Methyl-2-pentanone	NS	5	U	5	U
Acetone	50	5.1		1.1	J
Acrylonitrile	5	5	U	5	U
Benzene	1	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U
Bromoform	50	2	U	2	U
Bromomethane	5	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U
Chloromethane	NS	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U
Ethyl ether	NS	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U
trans-1,3-Dichloropropene	0	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U
Trichloroethene	5	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U
Vinyl acetate	NS	5	U	5	U
Vinyl chloride	2	1	U	1	U

Notes:
[1] Ambient Water Quality Standard (AWQS), NYSDEC TOGS 1.1.1, June 1998
J - Estimated value.
U - Not detected at the reported detection limit for the sample.
NS - No standard established
Bold / Shaded text denotes concentrations exceeding AWQS

Table 6

Water Analytical Results for Metals

105 Metropolitan Avenue - Brooklyn, New York

Compound	NYSDEC Ambient Water Quality Standards [1]	Field Blank L1213972-01 8/2/2012		Field Blank L1214641-03 8/15/2012	
Metals by USEPA method 6010 - µg/L					
Aluminum	NS	4	J	10	U
Antimony	3	0.7		0.48	J
Arsenic	25	0.5	U	0.5	U
Barium	1,000	0.1	J	0.5	U
Beryllium	3	0.5	U	0.5	U
Cadmium	5	0.5	U	0.5	U
Calcium	NS	100	U	100	U
Chromium, trivalent[e]	50	0.3	J	0.5	J
Cobalt	NS	0.5	U	0.5	U
Copper	200	0.1	J	0.4	J
Iron	300 [2]	50	U	50	U
Lead	25	1	U	1	U
Magnesium	35,000	100	U	100	U
Manganese	300 [2]	0.3	J	0.2	J
Total Mercury	0.7	0.2	U	0.2	U
Nickel	100	0.1	J	0.2	J
Potassium	NS	100	U	100	U
Selenium	10	5	U	5	U
Silver	50	0.5	U	0.1	J
Sodium	20,000	19	J	78	J
Thallium	0.5	0.5	U	0.5	U
Vanadium	NS	5	U	5	U
Zinc	2,000	1.5	J	2.2	J

Notes:

[1] Ambient Water Quality Standard (AWQS), NYSDEC TOGS 1.1.1, June 1998

[2] The standard for the total sum of iron and manganese is 500 µg/L

NS - No Standard

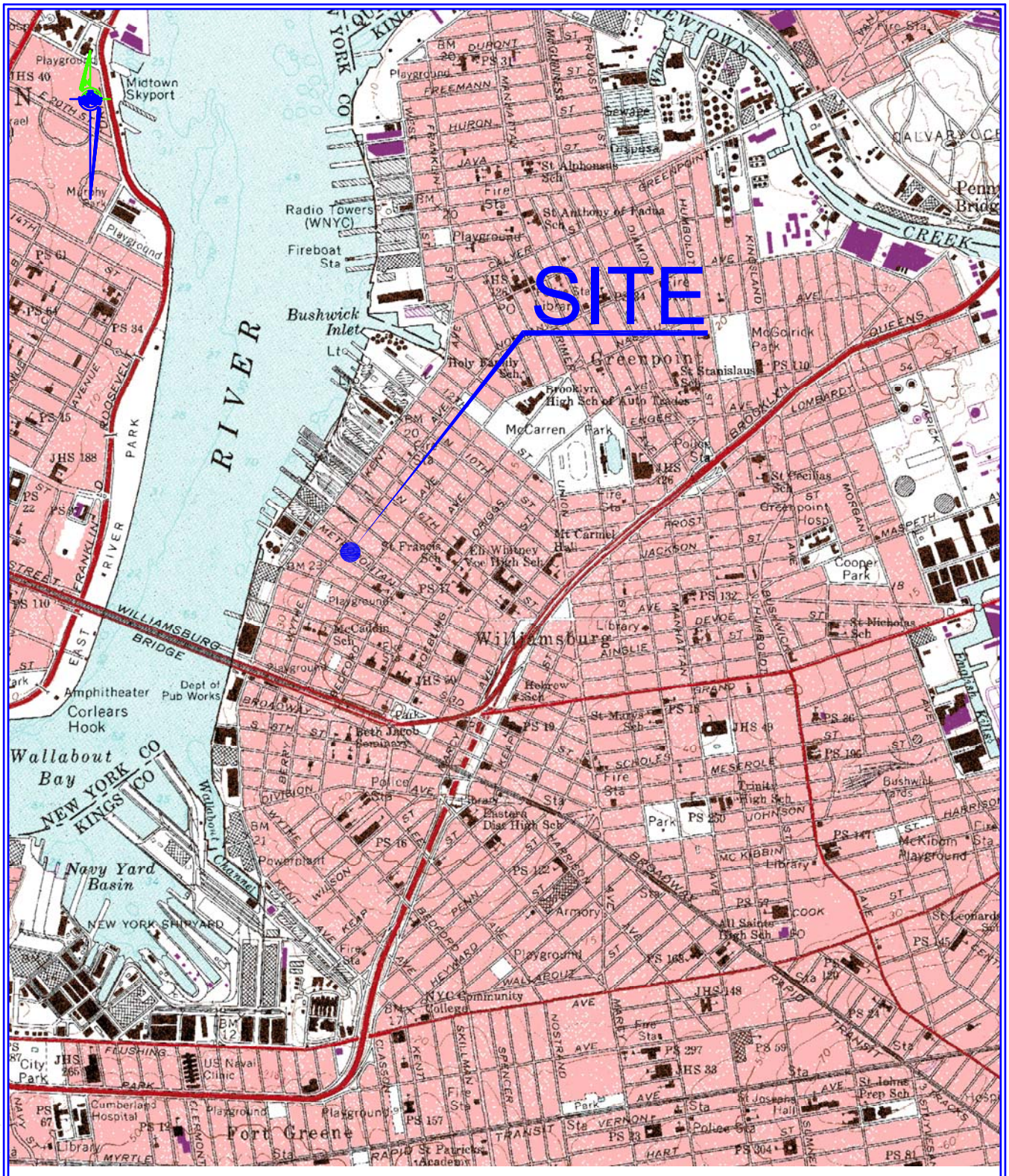
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.

c - For constituents where the calculated SCO was lower than the rural soil background concentration, as determined by the Department and Department of Health rural soil survey, the rural soil background concentrationis used as the Track1 SCO value for this use of the site.

e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.

Bold / Highlighted text denotes concentrations exceeding NYSDEC Unrestricted Use SCO

FIGURES



VICINITY MAP

SCALE: 1:24,000

Mapped, edited, and published by the Geological Survey
Revised in cooperation with New York
Department of Transportation
Control by USGS, USC&GS, and New Jersey Geodetic Survey

105 METROPOLITAN AVENUE
BROOKLYN, NY

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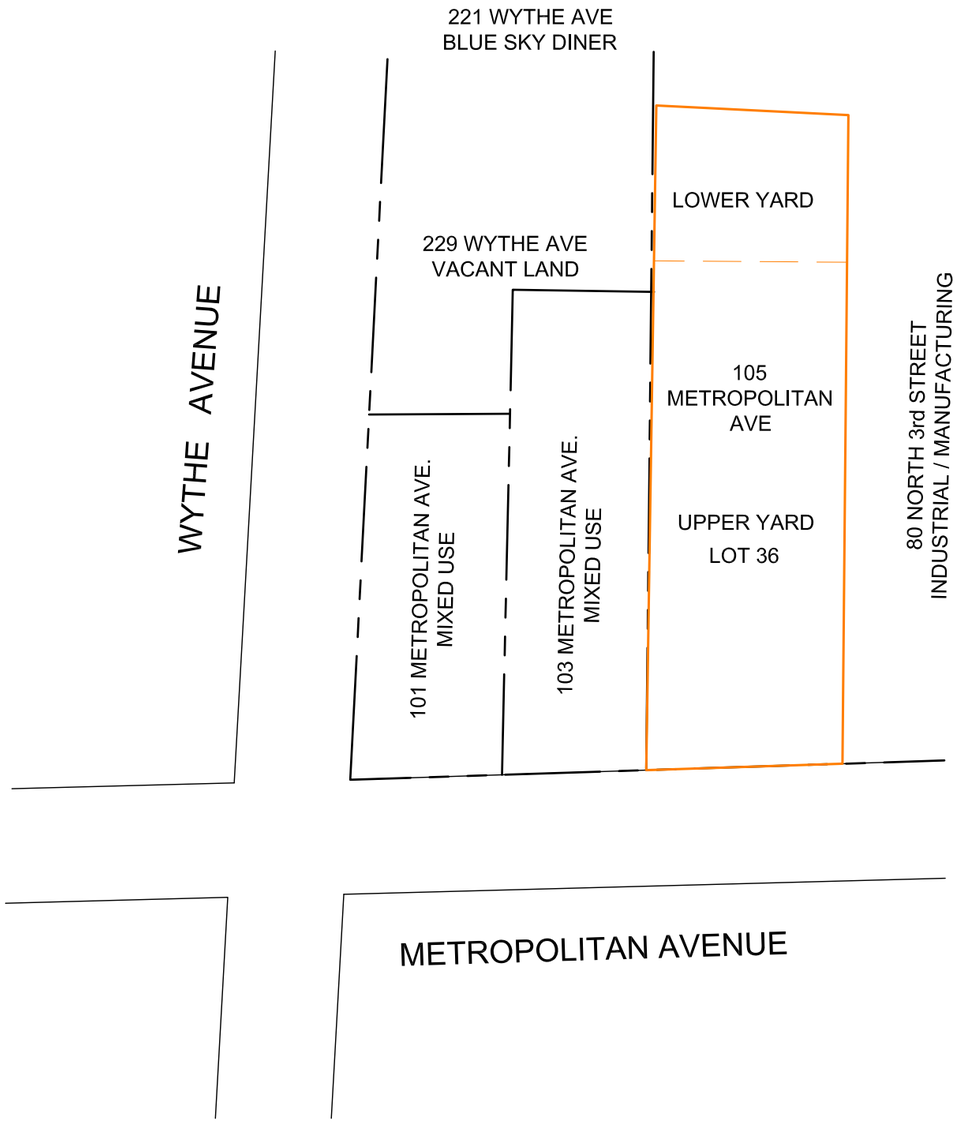
Project:	MAV1102
Designed by:	ZY
Approved by:	PKB
Drawn by:	JML
Date:	7-22-13
Figure No:	1



SITE PLAN

BASE MAP PROVIDED BY:
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9 PECONIC ROAD
RIDGE, NY 11961

0 20 40

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2		
1		

Designed By: JLL
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Approved By: PKB
Date Submitted: 7-22-13
Date Created: 7-11-12
Scale: AS NOTED
Client:

Project:
105 METROPOLITAN AVE.
BROOKLYN, NY

Project Address:
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BROOKLYN, NEW YORK

County Tax Map Number: -
Contract Number: -
Regulatory Reference Number: -

Title of Drawing:
SITE PLAN
WITH SURROUNDING
SITE USAGE

Drawing Number: **2**
Sheet - of -
PWGC Project Number: **MAV1201**

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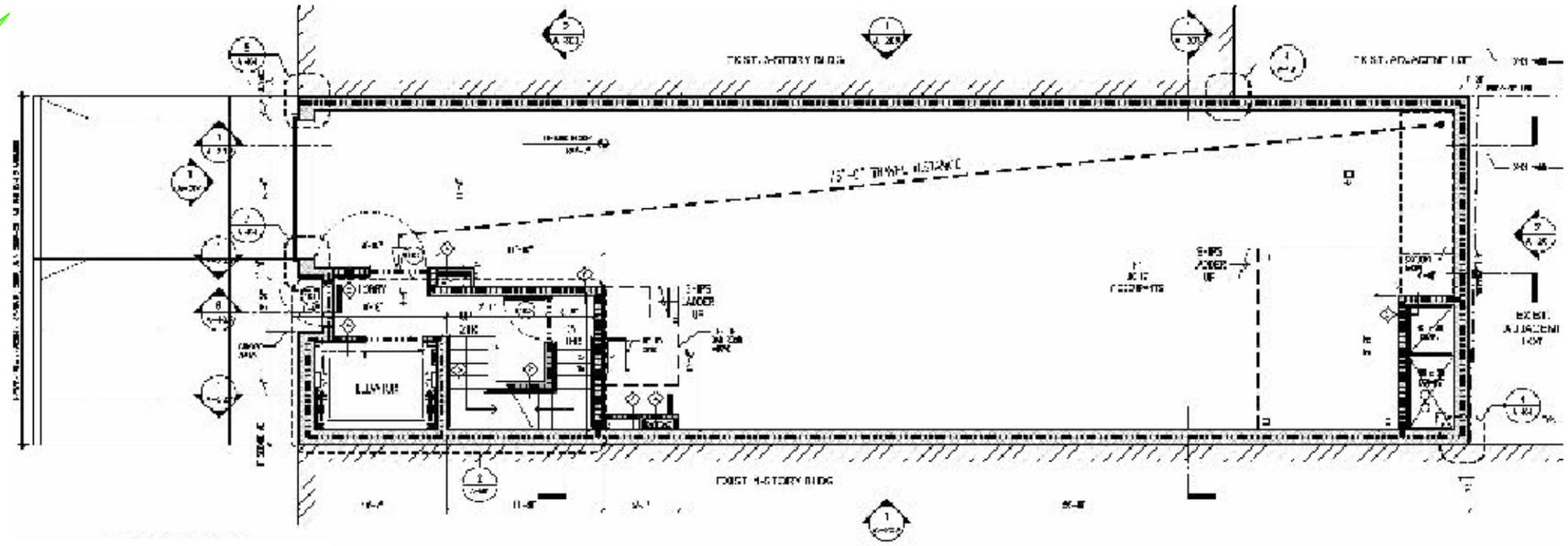
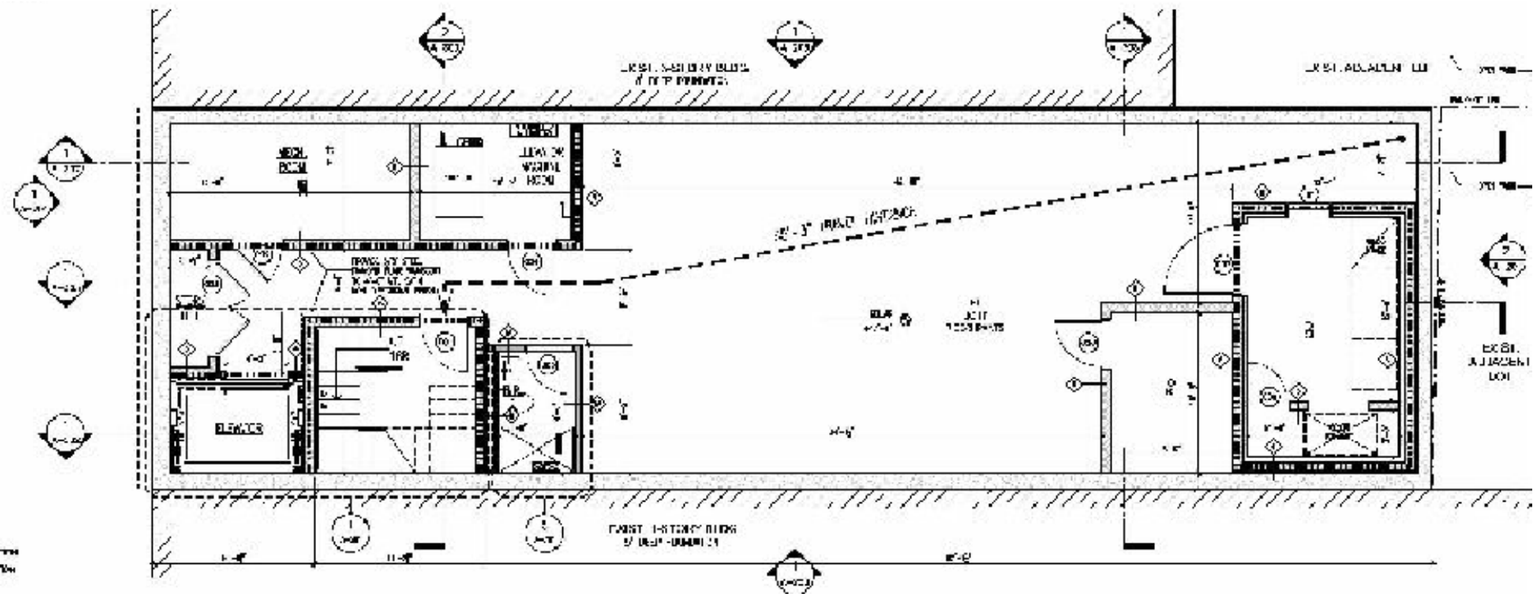


PROPOSED RE-DEVELOPMENT
GROUND FLOOR PLAN

SCALE: 1" = 10'



PROPOSED RE-DEVELOPMENT
CELLAR PLAN

SCALE: 1" = 10'

0 10 20

SCALE: 1" = 10'

DRAWING PROVIDED BY:
RKT&B
ARCHITECTS AND PLANNERS
150 WEST 22nd STREET
NEW YORK, NY 10011
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Designed By	ZY	Date Submitted	7-22-13
Drawn By	JML	Date Created	6-22-11
Approved By	PKB	Scale	AS NOTED

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Project
105 METROPOLITAN AVE.
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Project Address
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BROOKLYN, NEW YORK

County Tax Map Number	-
Contract Number	-
Regulatory Reference Number	-

Title of Drawing

PROPOSED
RE-DEVELOPMENT CELLAR AND GROUND FLOOR PLANS

Drawing Number
3

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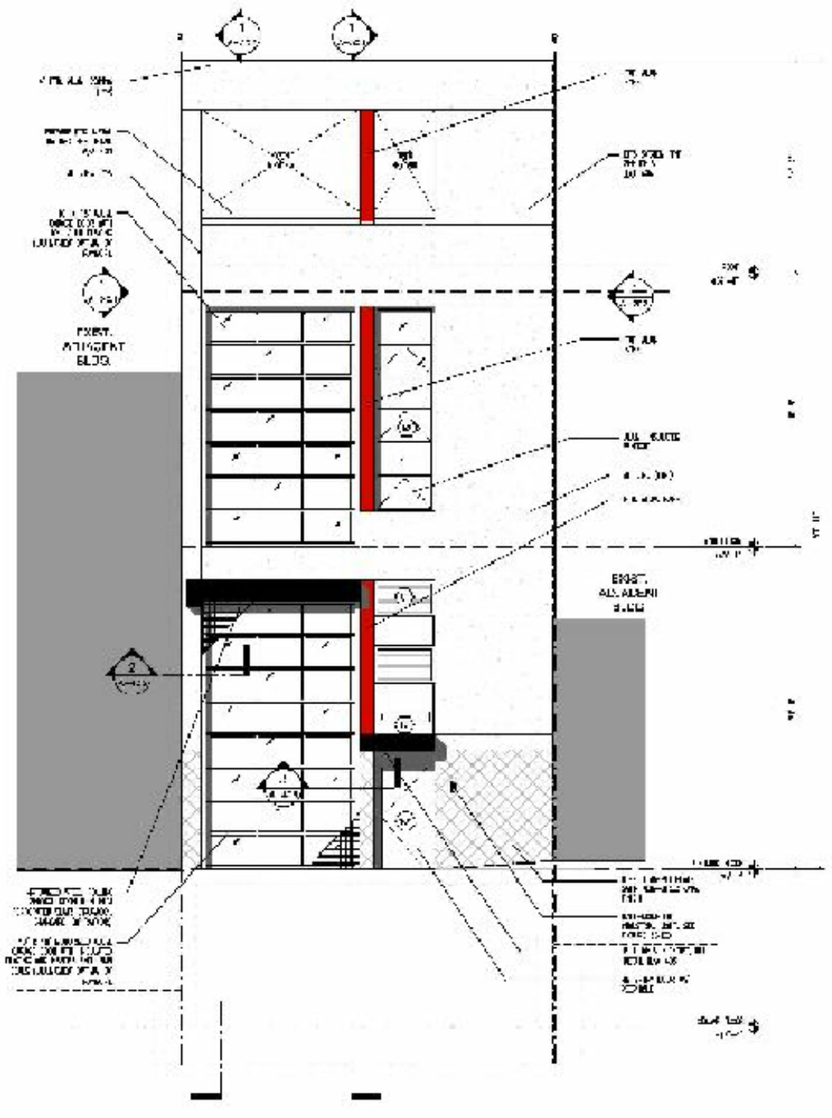

PROPOSED RE-DEVELOPMENT
SOUTH ELEVATION

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0 10 20

SCALE: 1" = 10'

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Approved By	PKB	Scale	AS NOTED

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105 METROPOLITAN AVE.
BROOKLYN, NY

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BROOKLYN, NEW YORK

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Title of Drawing:

PROPOSED
RE-DEVELOPMENT
CROSS SECTION

Drawing Number:
4
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- -

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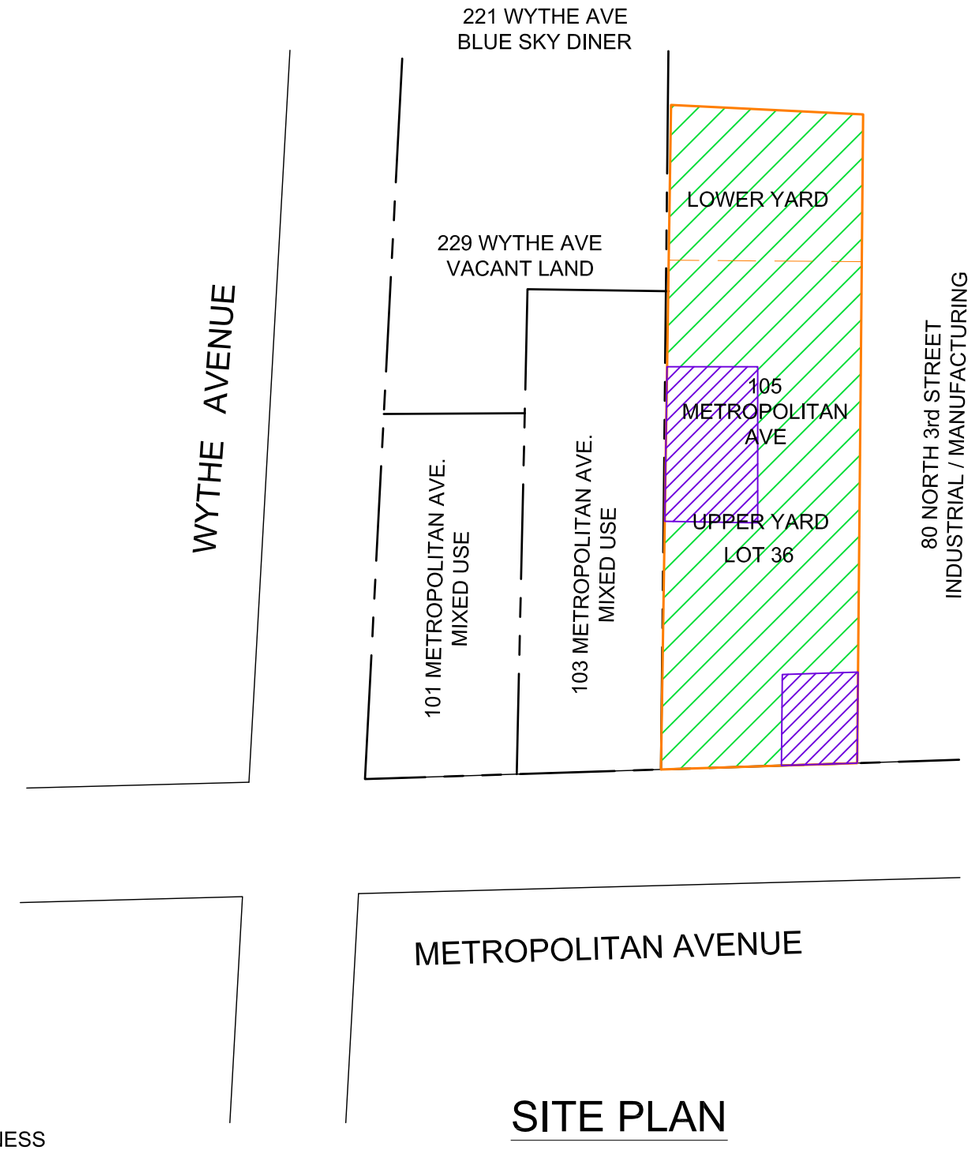

SITE PLAN

LEGEND

AREAS EXCAVATED TO
12 FEET BELOW GRADE

AREAS EXCAVATED TO
17 FEET BELOW GRADE

0 20 40

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105 METROPOLITAN AVE.
BROOKLYN, NY

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BROOKLYN, NEW YORK

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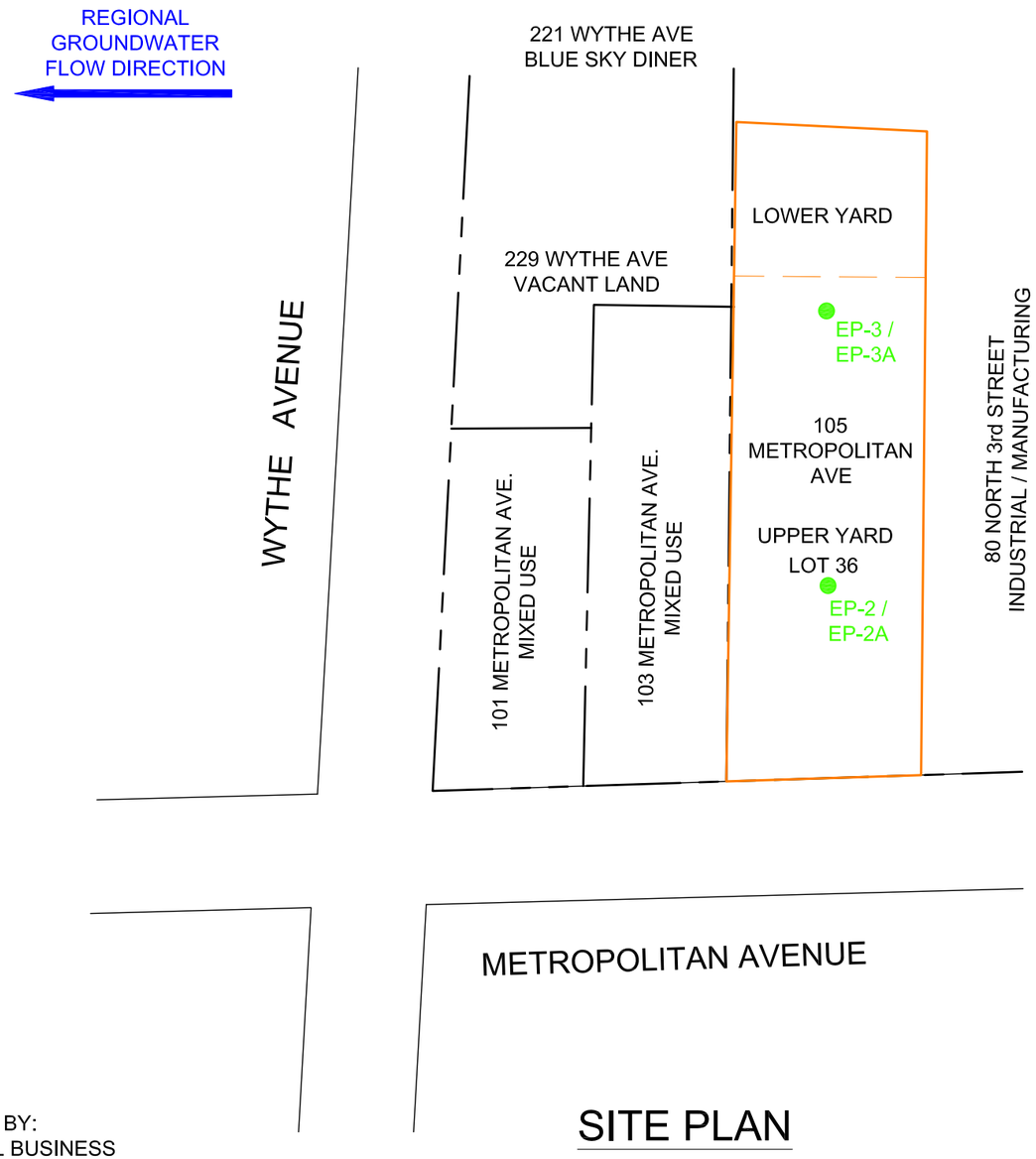
SITE PLAN WITH AREAS OF EXCAVATION

Drawing Number: **5**
Sheet: - of -
PWGC Project Number: **MAV1201**



SITE PLAN

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LEGEND

EP-2 ENDPOINT SAMPLING LOCATIONS

0 20 40

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Approved By	PKB	Scale	AS NOTED

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Project:
105 METROPOLITAN AVE.
BROOKLYN, NY

Project Address:
105 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

County Tax Map Number: -	Contract Number: -
Regulatory Reference Number: -	

Title of Drawing:

ENDPOINT SAMPLE LOCATIONS

Drawing Number:
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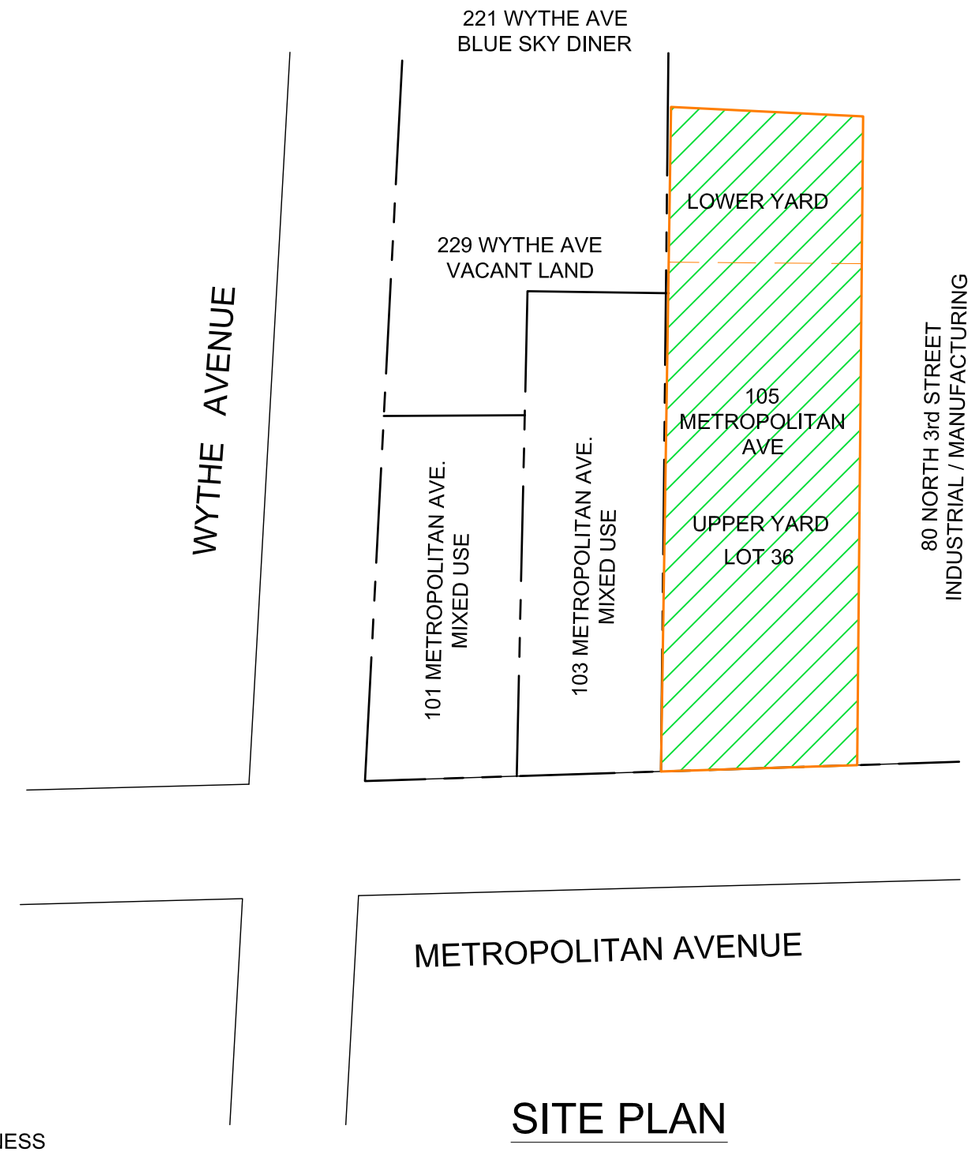
- -

PWGC Project Number:
MAV1201



SITE PLAN

LEGEND

CONCRETE
BUILDING SLAB

0 20 40

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BROOKLYN, NY

Project Address:
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Contract Number: -
Regulatory Reference Number: -
Title of Drawing:

SITE PLAN
OF COMPOSITE
COVER

Drawing Number: **7**
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PWGC Project Number: **MAV1201**