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Memorandum

To: Project File – North River WWTP Cogeneration & Electrification Project
From: Stephen James Holley, Vice President
Date: May 31, 2013
Re: North River WWTP: Cogeneration & Electrification Project Title V Permit Modification – Questions Raised at CB9 Health & Environment Committee Meeting (May 8, 2013)
cc: Frank Giardina, James Lauria, Anthony Fiore, Shane Ojar, Humberto Galarza (DEP); Fred Kincheloe (Savin Engineers); Michael S. Johnson (BV); Ray Li (AKRF)

The following questions/issues were raised at the Manhattan CB 9 Health and Environment Committee meeting the DEP project team attended on May 8th, where we gave the committee a project briefing.

There were 6-7 members of the committee and public present in addition to our project team, and the meeting was led by Mr. Jamaal Nelson, the Committee Chair.

During and after the briefing, the following questions were raised:

Question: The project will reduce sludge disposal, by how much will it be reduced?

Response: A reduction of between 10-20% is anticipated.

Question: If the plant has 10 engines now, why will there be five fewer after the project is completed? Will there be any service interruptions?

Response: The new engines are more efficient. There will be no service interruption as the project is constructed as the old engines will be taken off line one at a time and the new engines will be put into service one at a time. There will also be temporary back-up generators to ensure no service interruptions.

Question: How will the heat captured on site be used?

Response: It will be used to provide process heat for the digesters and also for heat for the building.

Question: Will there be any environmental impacts on short nosed sturgeon?

Response: No, the effluent limits will stay the same with the proposed project.

Question: Will the construction on the lower roadway, related to the park electrical separation work, have any effect on Riverbank Park?

Response: No, all of this work would occur within DEP property, within the plant fence line. There would be no impact to the Riverbank State Park, or to the bike path or Soccer field. (ConEd is evaluating where the line will go.

Question: Can locating the substation under the highway be considered?

Response: The DEP continues to evaluate the location of the substation required for Riverbank State Park Feeder separation. .

Question: Who is the Deputy Mayor of DEP that coordinates with the Parks Department?

Response: Deputy Mayor Calloway

Question: Who can CB 9 coordinate with if there are any follow-up questions?

Response: Shane Ojar, of the DEP. (Contact information is provided on the Project Notice and Fact Sheet.)

Question: Will the plant use only digester gas? Is natural gas a “back-up” fuel source?

Response: No. The plant will use an greater amount of digester gas than it does now, and will also use natural gas to fuel the new engines. The use of fuel oil for the engines will be eliminated.

Question: Is fire separation of the new engines being considered?

Response: We are evaluating fire protection measures, in coordination with the FDNY for the new cogeneration engines.

Question: Will there be physical separation?

Response: We are evaluating fire protection measures, in coordination with the FDNY for the new cogeneration engines.