

November 7, 2014

Ms. Elizabeth Lukowski  
Remedial Project Manager  
New York State Department of Environmental Conservation  
Division of Environmental Remediation, Remedial Bureau C, Section A  
625 Broadway, 11th Floor  
Albany, NY12233-7014

Subject: Summary of Intrusive Activities – Utility Pole Installation  
Patchogue Former MGP Site  
NYSDEC Site No. 1-52-182  
Village of Patchogue, Suffolk County, New York

Dear Ms. Lukowski:

This letter provides a summary of the recently conducted intrusive activities at the Patchogue Former Manufactured Gas Plant (MGP) site (hereinafter referred to as the “Site”). A utility pole was installed by PSEG Long Island (PSEG) on October 28, 2014 to raise low hanging electric cables in order to provide space for telecommunication lines. Due to the close proximity of the pole location near to the remedial action (two foot excavation and environmental cap), National Grid retained Island Pump and Tank (IPT) to perform vacuum soil extraction activities and the handling of any soil material generated during the installation activities. IPT personnel handling the soil materials generated during the vacuum soil extraction activities were medically monitored and 40-hour HAZWOPER trained. National Grid and PSEG reviewed the best location and placed the utility pole immediately north of the planned limits of remedial action for the Site. Refer to the attached figure for the approximate location of the newly installed utility pole.

The utility pole installation process included vacuum soil extraction of an 18-inch diameter hole to a depth of approximately six-feet below ground surface (bgs). Saturated soils were encountered at a depth approximately two-feet bgs. Therefore, a corrugated plastic pipe was installed to stabilize to sidewalls of the hole and enable advancement to the target depth of six-feet bgs. After reaching the target depth of six-feet bgs, PSEG Long Island installed the utility pole and backfilled the annular space between the pole and the sidewalls of the hole with backfill routinely used by PSEG Long Island for utility pole installation activities. A photographic log documenting the vacuum extraction and utility pole installation work is attached for reference.

Brown and Caldwell Associates (BC), on behalf of National Grid’s Site Investigation and Remediation Group, provided environmental oversight for the work. The intrusive activities were conducted in accordance with the Health and Safety Plan (HASP) for the Site. BC implemented perimeter air monitoring in accordance with the New York State Department of Health’s

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(NYSDOH) Generic Community Air Monitoring Plan; no exceedances of the CAMP criteria were measured during the course of the field work. No visible or olfactory impacts were observed during the intrusive work. However, due to the close proximity to the remedial action area, the soils removed as part of the utility pole installation activities were managed as possibly impacted wastes. A sample was collected of the soil wastes generated and submitted for analyses intended to properly characterize the wastes.

Wastes derived as part of the implementation of the utility pole installation activities included soils and groundwater generated from the vacuum extraction activities. The soils and liquids were transferred from the vacuum soil extraction unit into DOT-approved 55-gallon drums. The drums were labeled to identify their contents, origin and to provide the contact information for the National Grid Project Manager. The drums were inventoried, including photographs of the drums, to facilitate pick-up and off-site disposal of the wastes.

An approved disposal facility will pick-up the drums for off-site disposal. BC will coordinate with the facility to arrange for the waste pick-up, and provide information regarding the drum inventory including waste characterization data.

If you should have any questions, comments or require any additional information, please do not hesitate to contact me (516) 545-2586.

Sincerely,

Sarah Aldridge  
Project Manager, Site Investigation and Remediation

Attachments

cc: J. Nealon, NYSDOH  
S. Deyette, NYSDEC

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bcc: T. Leissing, National Grid

T. Kelly, National Grid

J. Giordano, National Grid

F. Murphy, Esq., National Grid

K. Bogatch, Brown and Caldwell







Photograph #1 – Visual reconnaissance of work area prior to intrusive activities.



Photograph #2 – Vacuum soil extraction of an approximately 18-inch diameter hole.





Photograph #3 – View of sidewalls and bottom of hole prior to utility pole installation. Note the groundwater seepage into the hole. Groundwater was encountered at a depth of approximately 2 feet below ground surface.



Corrugated pipe installed in hole  
intended for utility pole

Photograph #4 – View of work area following vacuum soil extraction to target depth and subsequent installation of corrugated plastic pipe intended to stabilize sidewalls of hole.



Photograph #5 – Transfer of wastes from the vacuum soil extraction unit into 55-gallon drums to facilitate off-site disposal.



Photograph #6 – Wastes generated during the utility pole installation activities. Drums were labeled and stored on pallets prior to off-site disposal.