

April 10, 2019

Mr. R. Scott Deyette
Chief, Inspection Unit
New York State Department of Environmental Conservation
MGP Remedial Section, Division of Environmental Remediation
Bureau of Western Remedial Action, 11th Floor
625 Broadway
Albany, New York 12233-7017

**Intrusive Activity Summary Report
East Garden City Former Stewart Avenue Holder Station
East Garden City, New York
Site No. 130120
Order on Consent Index No. A2-0552-0606**

Dear Mr. Deyette,

This report is a summary of work completed and data collected during completed intrusive activities recently conducted at the East Garden City Former Stewart Avenue Holder Station Site (the Site). The projects included the advancement of test holes using vacuum technology for utility location just north of the substation and the installation of an electrical conduit within the substation. The work was conducted for the Public Service Enterprise Group - Long Island (PSEG-LI) at the Site.

Notices of Intrusive Activities (NOIA) for the test hole and conduit installation projects were submitted to the New York State Department of Environmental Conservation (NYSDEC) on December 18, 2018 and January 8, 2019, respectively. National Grid retained GEI Consultants, Inc., P.C. (GEI) to conduct community air monitoring, environmental oversight, and soil management for all intrusive activities in accordance with the SMP.

GEI was on-Site during the test hole excavation and backfilling on December 19, 2018 through December 21, 2018. The electrical conduit was excavated, installed, and backfilled on January 16, 2019 and January 23, 2019. A summary of the field activities is provided below.

Summary of Field Activities

WRS Environmental Services (WRS) performed soil removal activities utilizing a vacuum truck to excavate at 11 locations on the Site. Nine of the locations were located along the paved roadway in the center of the Site and two were located in the unpaved area near the eastern boundary of the Site. The test holes were advanced until the subject utility line or conduit was encountered. At several locations, secondary holes were excavated if the subject utility line was not discovered at the initial location. The excavated soil was screened for visual and olfactory impacts as well as with a photo-ionization detector (PID). No impacts were observed.

The subject utility line or conduit was surveyed once located and the excavation subsequently backfilled. Boreholes were backfilled with sand and covered with cold patch. Approximate locations of the borings can be found in **Attachment 1**.

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The electrical conduit excavation was performed by WRS utilizing a vacuum truck. An approximate two foot wide by two foot high trench with an approximate total length of 100 feet was excavated to install electrical conduit. The excavated soil was screened for visual and olfactory impacts as well as with a PID. No impacts were observed. All excavated soil was placed in a roll-off and the trench was backfilled with clean sand that met PSEG's requirements for backfill around electrical conduits in the substation. A waste characterization sample was taken during excavation and excavated soils were disposed of at Bay Shore Recycling Corp. in Keasby, New Jersey. The manifest and weight ticket can be found as **Attachment 2**. **Attachment 1** provides the location of the conduit trench.

Community and Work Zone Air Monitoring Results

Real time air monitoring for total volatile organic compounds (TVOCs) and respirable particulate matter (PM₁₀) was performed during intrusive work at upwind and downwind tripod-mounted stations. Each station consisted of a weather-tight enclosure, a PID (RAE systems MiniRAE 3000), and a dust monitor (TSI DustTrak II 8530).

There were no exceedances of the time-weighted average (TWA) for TVOCs or dust measurements during the excavation work. Air monitoring data can be provided upon request. There were no visual or olfactory MGP-related impacts encountered during all work conducted at the site.

If you have any questions, please feel free to contact me at 516-545-2568 or by email at sarah.aldridge@nationalgrid.com.

Sincerely,



Christopher Morris, P.G.

On behalf of Sarah Aldridge

Attachment

cc: W. Ryan (National Grid)
J. Mitchell (National Grid)
E. Kitt (GEI)
M. Quinlan (GEI)
R. Smith (PSEG-LI)
W. Softye (PSEG-LI)

ATTACHMENT 1

FIGURES

ATTACHMENT 2

MANIFESTS

Lot# 13458
Po# 27390

Bayshore Recycling Corp.
75 Crows Mill Rd
PO Box 290
Keasbey, NJ 08832

Facility ID: 132397

Ticket: 1148459

Date: 3/7/2019

Time: 10:51:59 - 12:28:00

Scale

Gross: 67460 lb In Scale 2
Tare: 35880 lb Out Scale 3
Net: 31580 lb

Customer: WRS ENVIRONMENTAL SERVICES,
INC./BSM0056
17 OLD DOCK ROAD
YAPHANK, NY 11980-
Truck: 70304PC

CUYDs: 20

License: 70304PC

Truck Type: ROLLOFF

Carrier: WRS ENVIRONMENTAL SERVICES

Manifest: NY2680
Remaining: 0.00 TN

Profile: 2719-0281/NATIONAL GRID EAST GARDEN CITY SUB PROJ.
Generator: NATIONAL GRID EAST GARDEN CITY SUB PROJ.
Comment:

Origin Materials & Services

Quantity Unit

Long Island

ID27 PCS

15.79 Tons

THE ABOVE IS CORRECT AND NON-HAZARDOUS TO THE BEST OF MY KNOWLEDGE

Driver: _____

Weighmaster: Dennis

70304 PC

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number CES06	2. Page 1 of 1	3. Emergency Response Phone 831-824-8111	4. Waste Tracking Number NY2680		
	5. Generator's Name and Mailing Address SERVCO PSEG LI HICKSVILLE OPERATIONS 175 E OLD COUNTRY RD HICKSVILLE NY 11801 Generator's Phone: 516-949-7054				Generator's Site Address (If different than mailing address) PSEG LI 4H E GARDEN CITY SUB 600 STEWART AVE E-GARDEN CITY NY			
	6. Transporter 1 Company Name WRS Environmental Services, Inc.				U.S. EPA ID Number NYR000188490			
	7. Transporter 2 Company Name				U.S. EPA ID Number			
	8. Designated Facility Name and Site Address Peachtree Soil Management Peachtree Mill Road Hessley NJ 08532 Facility's Phone: 732-7356000				U.S. EPA ID Number NJ1225001522			
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
			No.	Type				
	1. Non DOT/Non RCRA Regulated Debris		00	cu/10			1042185	
	2.							
	3.							
4.								
13. Special Handling Instructions and Additional Information 13.1 SOIL AND STONE WORK BSM#2719-0281 13458 P-H 27390								
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.								
Generator's/Officer's Printed/Typed Name				Signature		Month	Day	Year
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.				Port of entry/exit:				
Transporter Signature (for exports only):				Date leaving U.S.:				
16. Transporter Acknowledgment of Receipt of Materials								
Transporter 1 Printed/Typed Name				Signature		Month	Day	Year
Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
17. Discrepancy								
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection								
Manifest Reference Number:								
17b. Alternate Facility (or Generator) U.S. EPA ID Number								
Facility's Phone:								
17c. Signature of Alternate Facility (or Generator) Month Day Year								
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
Printed/Typed Name				Signature		Month	Day	Year