September 11, 2018

Jeremy Wolf
Manager Programs/Projects (MGP)
Electrical Capital Delivery
AVANGRID
1300 Scottsville Road
Rochester, New York 14624

Re: Environmental Monitoring and Waste Characterization Sampling Report
NYSEG Gas Regulator Station Construction
Lockport State Road Former MGP Site; NYSDEC Site No. 932109
Lockport, New York

Dear Mr. Wolf:

This Environmental Monitoring Services Report is being provided to document environmental monitoring, sampling and oversight activities conducted by LaBella Associates (herein LaBella) during the recent gas regulator station construction project conducted at the Avangrid-New York State Electric and Gas (NYSEG) Lockport State Road Former Manufactured Gas Plant (MGP) Site (herein the Site). Work performed by LaBella during regulator station construction activities was conducted per LaBella's *Gas Regulator Station Construction Excavation Work Plan* (EWP), dated November 2, 2017. Environmental monitoring was initiated on December 18, 2017 and completed on April 30, 2018 for station construction activities conducted inside the fenced regulator station located north of the intersection of State Road and Stevens Street in Lockport, New York (see Figure 1).

Background and Objective

Due to documented remaining contamination associated with historical MGP-related operations conducted at the Site, it is subject to management per the New York State Department of Environmental Conservation (NYSDEC) approved Site Management Plan (SMP), dated January 2010. The SMP was a required component of the Amended and Restated Multi Site Consent Order (ARMSCO) between NYSEG and the NYSDEC (NYSDEC Site Number 932109) and was prepared to manage remaining contamination at the Site. The SMP and EWP address the means for implementing the Institutional Controls (ICs) and Engineering Controls (ECs) that are required for the Site.

Per the SMP, Site construction activities associated with the regulator station upgrades, including soil excavation, soil staging/stockpiling and off Site soil disposal require environmental monitoring. LaBella's primary objectives for the project included conducting environmental monitoring and sampling tasks as outlined in the EWP.

Scope of Work

Based on the information provided by NYSEG and the regulator station construction activities observed, LaBella's scope of work generally consisted of the following:

Task 1 - Environmental Monitoring:

- A LaBella Qualified Environmental Professional (QEP) observed excavation activities at the Site associated with the gas regulator station construction project in order to identify potential evidence of MGP waste that may have been exposed. It is noted that based on the information provided in the SMP for the Site, the vicinity of the former MGP facilities was northeast of the excavation areas.
- LaBella conducted Community Air Monitoring Plan (CAMP) activities consistent with the existing CAMP included in the SMP. CAMP monitoring was conducted during soil excavation and stockpiling, soil loading for off Site disposal, and backfilling activities. Additional information pertaining to specific CAMP monitoring activities is provided in the Task 1 section provided below.

Task 2 - Waste Characterization Soil Sampling and Analysis:

- A LaBella QEP reviewed the SMP and site-specific EWP prior to performing the environmental monitoring and soil sampling activities during the gas regulator construction project.
- A LaBella QEP collected one representative composite soil sample from the excavated and stockpiled soil for waste disposal purposes and relinquished to an appropriately certified laboratory for chemical testing. Details of the sampling are provided in the Task 2 section provided below.

Task 3 – Imported Backfill Material Sampling and Analysis:

- A LaBella QEP collected one representative sample from each of the two (2) virgin stone products imported to the Site for use as backfill material in the excavations. Each sample was relinquished to an appropriately certified laboratory for chemical testing per NYSDEC's DER-10 Technical Guidance for Site Investigation and Remediation. The resulting laboratory data was validated by Data Validation Services and Data Usability Summary Reports (DUSRs) were generated for each sample set. Details of the sampling, including laboratory results and DUSRs are provided in the Task 3 section provided below.

Task 4: Soil Disposal Oversight and Monitoring:

- A LaBella QEP was on Site during all soil loading and disposal activities. The Labella representative performed CAMP monitoring during soil loading into dump trucks and signed the non-hazardous waste manifests on behalf of NYSEG (waste generator) for each load transported off-site. Details of the sampling are provided in the Task 4 section provided below.

Task 1: Environmental Monitoring

A LaBella QEP was on Site at all times during ground intrusive activities (i.e. trench excavation) to observe and screen excavated soils and to conduct CAMP monitoring during construction work conducted within the fenced limits of the gas regulator station.

The LaBella QEP performed continuous monitoring of excavated soils for evidence of impairment including visible impairment, olfactory indication of impairment, evidence of Non-Aqueous Phase Liquids (NAPLs) and detectable VOCs using a photoionization detector (PID). No evidence of impairment was observed during excavation.

Fill soils excavated at the site generally consisted of silt, sand, gravel, cobbles, and slab rock, with lesser amounts brick, wood, concrete, asphalt, and metal (wire). It is noted that per the SMP and EWP, all excavated soil was properly stockpiled on bermed plastic sheeting and covered daily with plastic sheeting.

CAMP monitoring was conducted per the site-specific SMP and EWP and included the following:

- Continuous upwind and downwind particulate (airborne dust) and volatile organic compound (VOC) monitoring; particulates were monitored upwind and downwind of the work area using TSI Dusttrak PM-10 Particulate/Aerosol Air Monitoring Units for particulate monitoring and Rae Systems Minirae 3000 PIDs for VOC monitoring. Background levels were monitored and established throughout each work day. Due to proper work practices and moist subsurface soils, downwind CAMP station readings did not exceed established action levels as set forth in the SMP and EWP during the duration of the project. CAMP stations were moved each time the wind changed direction. It is noted that each instrument was calibrated daily to ensure accurate readings were observed and recorded.

Soil removal and disposal activities completed within the Site proper boundary, and installation of fence posts along the northern property boundary were initiated on December 18, 2017 and completed on April 30, 2018. Ground intrusive activity was intermittent during this time period. Per the approved SMP and EWP, environmental monitoring was conducted during all ground intrusive activities performed within the limits of the Site boundary, as defined in the SMP. Work conducted outside the Site proper boundary during or after this time period did not require environmental monitoring. CAMP data is included as Attachment A of this report.

Task 2: Waste Characterization Soil Sampling and Analysis

Following the excavation and stockpiling of the majority of the total volume of soil removed during construction, one (1) composite soil sample, Trench Spoils-1, was collected from the excavated soil stockpile for waste characterization purposes. The sample consisted of five (5) grab samples collected from throughout the pile that were mixed in a stainless steel sampling bowl and placed immediately in appropriate jars for laboratory analysis. See Figure 2 for grab sample locations. The sample was immediately preserved on ice and relinquished to Alpha Analytical, an ELAP-certified laboratory. Per the disposal requirements of Waste Management, the sample was analyzed for the following parameters:

- TCL VOCs (by USEPA Method 8260)
- TCL SVOCs (by USEPA Method 8270)
- TCL PCBs (by USEPA Method 8082)
- TAL Metals + Hg (by USEPA Methods 6010/6020/7470/7474/1311)
- TCL Pesticides/Herbicides (by USEPA Methods 8081/8151/1311)
- TCLP for 40 TC Target Criteria Contaminants
- Ignitability
- Reactivity
- Corrosivity

Sample results are summarized in Table 2 and indicate that the excavated trench spoil soils were non-hazardous. Based on the results, the soils were approved for disposal at Waste Management's Mill Seat landfill in Bergen, New York. Laboratory analytical results are included as Attachment B of this report.

Task 3: Imported Backfill Material Sampling and Analysis

Excavated soils were not reused on Site; however, two (2) virgin stone products were imported to the Site to be used as backfill material within the excavated gas pipe trenches. Virgin stone products typically meet the NYSDEC DER-10 exemption from chemical testing. However, both stone products imported to the Site did not meet the exemption due to the sieve analysis criteria.

Prior to importing either material to the Site, LaBella visited the Lafarge North America quarry located in Lockport, New York to sample the two (2) materials as required by NYSDEC DER-10. One (1) material was dry screenings used for pipe bedding and the other was Crusher Run #2 used to fill the remainder of the excavated trenches to grade. Both materials are virgin limestone products. On December 15, 2017 a sample was collected at the quarry of each material type per NYSDEC DER-10 sample collection methods and sent to Alpha Analytical for chemical testing of the DER-10 import criteria. Sample results indicate that no constituents were detected above applicable DER-10 import criteria in either sample for commercial or industrial Site use.

Summary Table 1, included as an attachment to this report, presents the laboratory results for the two stone product samples. A total of approximately 400 tons of combined stone products (dry screenings and crusher run #2 material) were imported to the Site for use as clean backfill material within the utility trenches. Backfilling was completed on April 30, 2018. It is noted that the Lafarge North America quarry is a NYS Department of Transportation (DOT) approved source. Laboratory results are included in Attachment B of this report.

The laboratory analytical data for each sample was sent to Data Validation Services for third party review and validation. A Data Usability Summary Report (DUSR) was generated for the two samples collected. Per the DUSR, results of the samples were determined usable as reported or with minor qualification or edit, with the exception of the 1,4-dioxane results which were rejected due to very low instrument responses. A copy of the DUSR is included in Attachment C of this report.

Task 4: Soil Disposal Oversight and Monitoring

LaBella assisted NYSEG with waste profiling the soil excavated from within the fenced portion of the Site for disposal at an appropriately licensed waste disposal facility. The soil was approved for disposal as non-hazardous soil & debris at Waste Management's Mill Seat Landfill, located at 303 Brew Road, Bergen, New York.

A LaBella QEP mobilized to the Site on February 26, 2018 to oversee and monitor the loading of trucks and waste transportation activities. CAMP monitoring was conducted continuously during soil loading activities. No exceedances of CAMP action levels were observed during loading activities (see Attachment A). A total of 271.87 tons of soil was loaded into twelve (12) triaxle dump trucks, transported by Silvarole Trucking, and disposed of as non-hazardous waste at the Mill Seat Landfill, located at 303 Brew Road, Bergen, New York. All trucks were tarped prior to leaving the Site and maintained the appropriate 6 NYCRR Part 364 waste hauling permits. The LaBella representative signed the non-hazardous waste manifests on behalf of NYSEG for each load transported off-site. A copy of the waste disposal documentation is included as Attachment D of this report.

Conclusions

Environmental monitoring including CAMP monitoring, soil screening, sampling, and waste disposal oversight were conducted during the recent gas regulator station construction project conducted at the NYSEG Lockport State Road Former MGP Site. No exceedances of CAMP action levels, observation of contaminants of concern (i.e. coal tar) or evidence of impairment were observed during implementation of the construction project activities. Waste characterization sampling of the

excavated soil resulted in the classification of the waste soil as regulated non-hazardous waste. A total of 271.87 tons of waste soil was transported from the Site and disposed of at the Mill Seat Landfill. The excavation areas were backfilled to existing grade with virgin stone products that were chemically tested and proven clean prior to import to the Site, per applicable regulations.

If you have any questions, or require further clarification, please do not hesitate to contact me at (585) 295-6606.

Respectfully Submitted,

Eric Detweiler
Environmental Geologist

Attachments:
Figure 1: Site Location Plan
Figure 2: Trenching, Stockpiling and Waste Characterization Sample Location Plan
Table 1: Imported Material Sample Results
Table 2: Waste Characterization Sample Results
Attachment A: CAMP Data
Attachment B: Laboratory Analytical Data
Attachment C: Data Usability Summary Report (DUSR)
Attachment D: Waste Disposal Documentation

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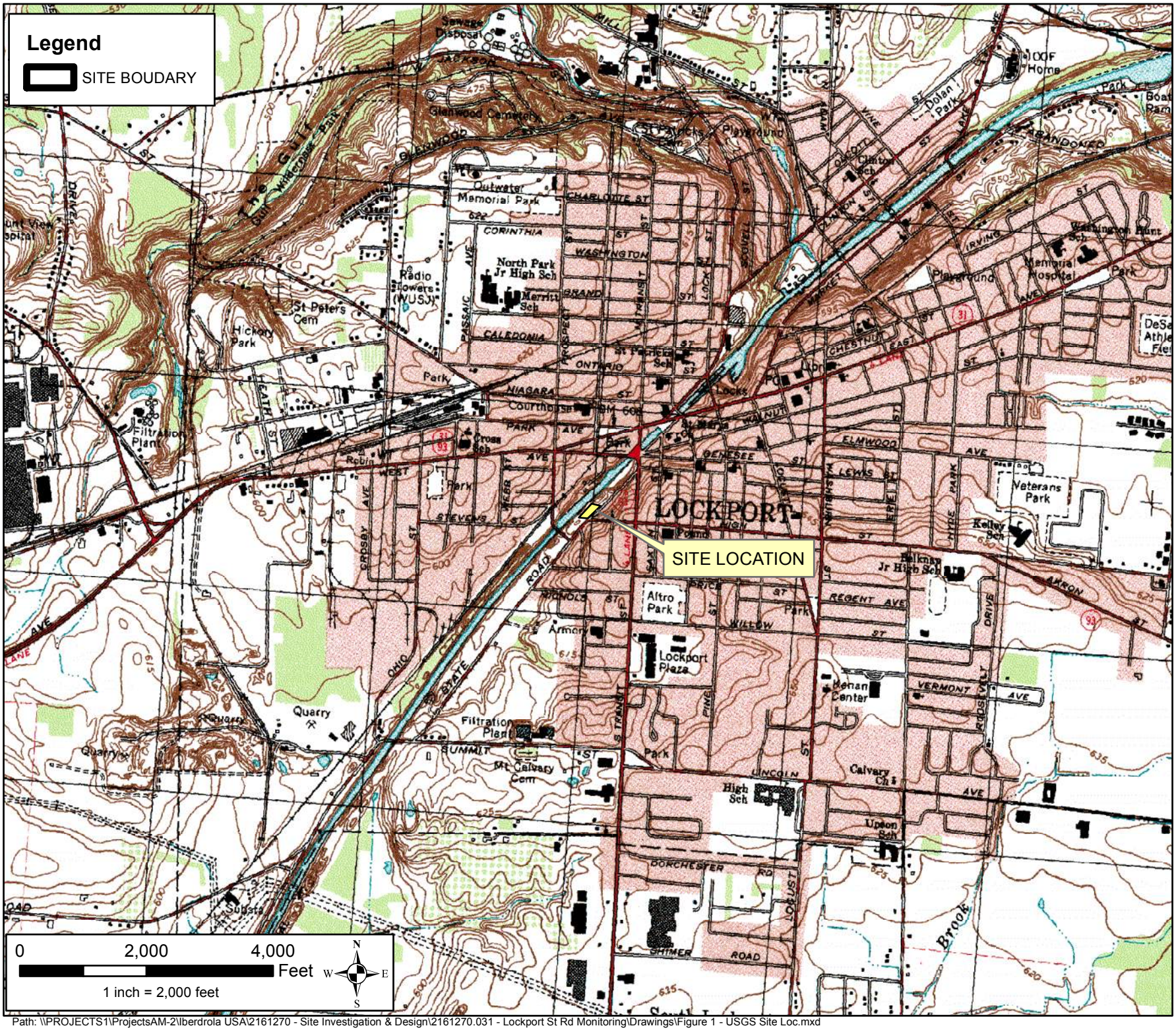
FIGURES



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1 inch = 2,000 feet

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CLIENT:

NYSEG
AVANGRID

PROJECT:

State Road Regulator Station Lockport, NY

DRAWING NAME:

Site Location Plan

PROJECT/DRAWING NUMBER

2161270.031

FIGURE 1

Prepared: September, 2018

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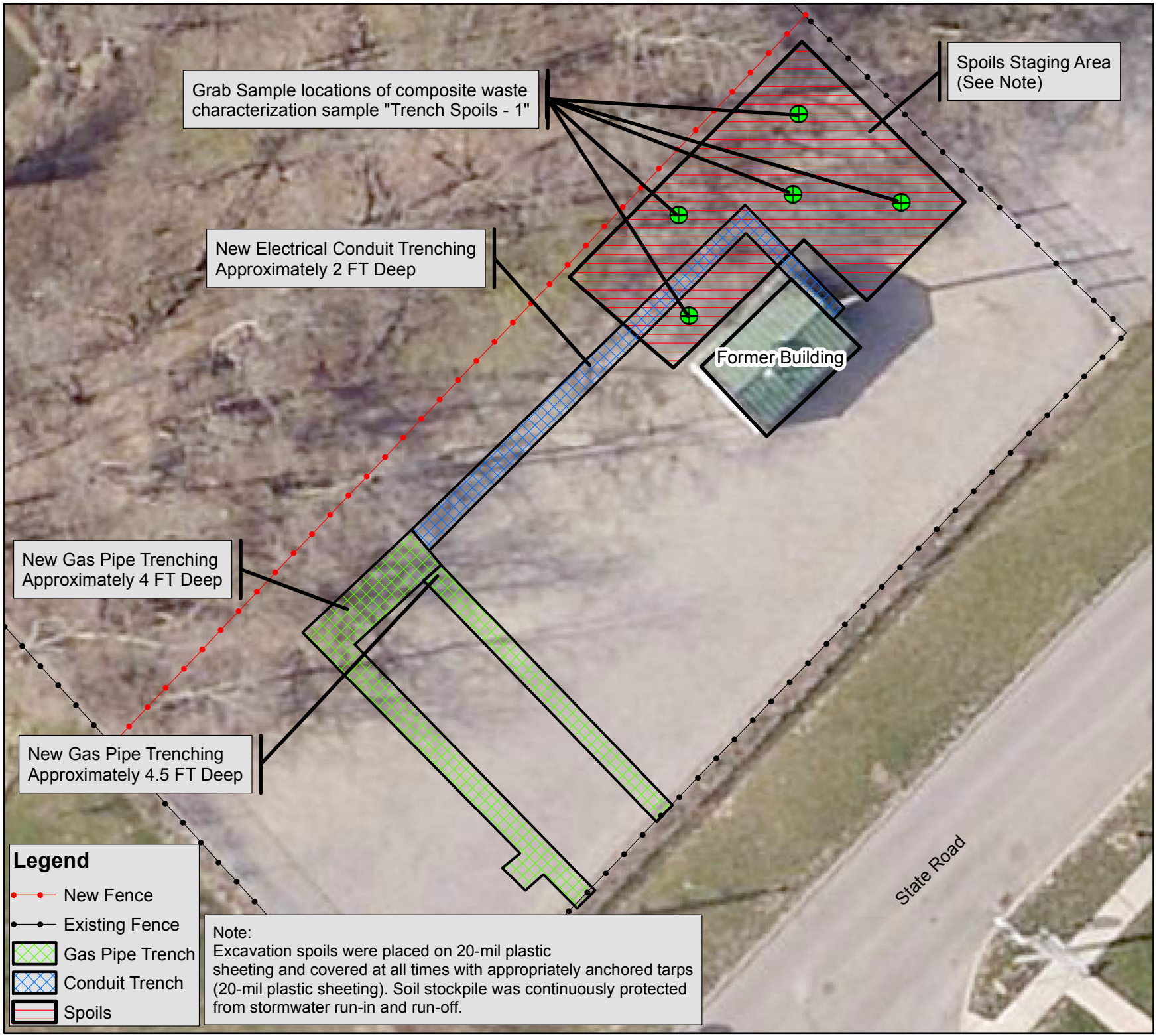

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CLIENT:

NYSEG
AVANGRID

PROJECT:

State Road
Regulator Station
Lockport, NY

DRAWING NAME:

Trenching, Stockpiling & Waste Characterization Sample Location Plan

PROJECT/DRAWING NUMBER:

2161270.031

FIGURE 2

September, 2018

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TABLES

Table 1

Imported Backfill Material Sample Results
NYSEG Lockport State Road Former MGP Site
LaBella Project # 2161270.031.01

Sample ID	NYSDEC 6NYCRR Part 375-6.8(a) Unrestricted Use SCOs	NYSDEC DER-10 Commercial or Industrial Use SCOs	Dry Screenings_1		Crusher Run #2_1	
Sample Depth (ft bgs)			N/A		N/A	
Sample Date			12/15/2017 & 2/2/2018		12/15/2017 & 2/2/2018	
Metals			Result	Qualifier	Result	Qualifier
Arsenic	13	16.00	0.298	J	3.2	
Barium	350	400.00	3.94		7.79	
Beryllium	7.2	47.00	0.041	J	0.0083	J
Cadmium	2.5	7.50	<0.081		1.71	
Chromium, trivalent	30	1500.00	1.76		2.51	
Copper	50	270.00	2.45		5.16	
Lead	63	450.00	13.9		25.3	
Manganese	1600	2000.00	430		609	
Nickel	30	130.00	1.91	J	3.75	
Selenium	3.9	4.00	<0.213		<0.215	
Silver	2	8.30	<0.234		<0.236	
Zinc	109	2480.00	32.1		**412**	
Mercury	0.18	0.73	<0.02		<0.02	
Cyanide	27	10000.00	<0.22		<0.22	
Herbicides						
2,4,5-TP Silvex	3.8	3.80	<0.00455		<0.00459	
Pesticides						
4,4'-DDD	0.0033	17.00	<0.000569		<0.000599	
4,4'-DDE	0.0033	47.00	<0.000369		<0.000388	
4,4'-DDT	0.0033	14.00	<0.00128		<0.00135	
Aldrin	0.005	0.19	<0.000562		<0.000592	
alpha-BHC	0.02	0.02	<0.000189		<0.000199	
beta-BHC	0.036	0.09	<0.000605		<0.000637	
Chlordane (alpha)	0.094	2.90	<0.000556		<0.000585	
delta-BHC	0.04	0.25	<0.000312		<0.000329	
Dieldrin	0.005	0.10	<0.000499		<0.000525	
Endosulfan I	2.4	102.00	<0.000377		<0.000397	
Endosulfan II	2.4	102.00	<0.000533		<0.000561	
Endosulfan sulfate	2.4	200.00	<0.000316		<0.000333	
Endrin	0.014	0.06	<0.000273		<0.000287	
Heptachlor	0.042	0.38	<0.000358		<0.000377	
Lindane	0.100	0.10	<0.000297		<0.000313	
PCBs						
PCB 1016	NS	NS	<0.00373		<0.00363	
PCB 1221	NS	NS	<0.005		<0.00488	
PCB 1232	NS	NS	<0.00323		<0.00315	
PCB 1242	NS	NS	<0.00402		<0.00392	
PCB 1248	NS	NS	<0.00369		<0.00360	
PCB 1254	NS	NS	<0.00268		<0.00262	
PCB 1260	NS	NS	<0.00343		<0.00335	
PCB 1262	NS	NS	<0.00270		<0.00263	
PCB 1268	NS	NS	<0.00233		<0.00227	
Total PCBs	0.1	1.00	0		0	
Semivolatile Organic Compounds (SVOCs)						
2-Methylphenol	NL	NL	<0.026		<0.026	
3&4-Methyl Phenol	NL	NL	<0.027		<0.027	
Acenaphthene	20	98.00	<0.018		<0.018	
Acenapthylene	100	107.00	<0.026		<0.026	
Anthracene	100	500.00	<0.033		<0.033	
Benz(a)anthracene	1	1.00	<0.019		<0.019	
Benzo(a)pyrene	1	1.00	<0.042		<0.042	
Benzo(b)fluoranthene	1	1.70	<0.029		<0.029	
Benzo(g,h,i)perylene	100	500.00	<0.020		<0.020	
Benzo(k)fluoranthene	0.8	1.70	<0.027		<0.027	
Chrysene	1	1.00	<0.018		<0.018	
Dibenz(a,h)anthracene	0.33	0.56	<0.020		<0.020	
Fluoranthene	100	500.00	<0.020		<0.020	
Fluorene	30	386.00	<0.017		<0.017	
Hexachlorobenzene	NL	NL	<0.019		<0.019	
Indeno(1,2,3-cd)pyrene	0.5	5.60	<0.024		<0.024	
Naphthalene	12	12.00	<0.021		<0.021	
Pentachlorophenol	0.8	0.80	<0.038		<0.038	
Phenanthrene	100	500.00	<0.021		<0.021	
Phenol	0.33	0.33	<0.026		<0.026	
Pyrene	100	500.00	<0.017		<0.017	

Table 1

Imported Backfill Material Sample Results
NYSEG Lockport State Road Former MGP Site
LaBella Project # 2161270.031.01

Sample ID	NYSDEC 6NYCRR Part 375-6.8(a) Unrestricted Use SCOs	NYSDEC DER-10 Commercial or Industrial Use SCOs	Dry Screenings_1		Crusher Run #2_1	
Sample Depth (ft bgs)			N/A		N/A	
Sample Date			12/15/2017 & 2/2/2018		12/15/2017 & 2/2/2018	
Volatile Organic Compounds (VOCs)						
1,1,1-Trichloroethane	0.68	0.68	<0.00045		<0.00032	
1,1,2,2-Tetrachloroethane	NL	NL	<0.00038		<0.00028	
1,1,2-Trichloroethane	NL	NL	<0.00040		<0.00029	
1,1,2-Trichlorotrifluoroethane (freon 113)	NL	NL	<0.00066		<0.00048	
1,1-Dichloroethane	0.27	0.27	<0.00034		<0.00025	
1,1-Dichloroethene	0.33	0.33	<0.00047		<0.00025	
1,2,4-Trichlorobenzene	NL	NL	<0.00027		<0.0002	
1,2,4-Trimethylbenzene	3.6	380.00	0.0036	J	<0.00017	
1,2-Dibromo-3-Chloropropane	NL	NL	<0.00050		<0.00037	
1,2-Dibromomethane	NL	NL	<0.00025		<0.00018	
1,2-Dichlorobenzene	1.1	1.10	<0.00023		<0.00017	
1,2-Dichloroethane	0.02	0.02	<0.00031		<0.00025	
1,2-Dichloropropane	NL	NL	<0.00029		<0.00021	
1,3,5-Trimethylbenzene	8.4	380.00	0.0027	J	<0.00015	
1,3-Dichlorobenzene	2.4	2.40	<0.00028		<0.0002	
1,4-Dichlorobenzene	1.8	1.80	<0.00023		<0.00017	
1,4-Dioxane	0.1	0.10	<0.018		<0.013	
2-Hexanone	NL	NL	<0.00085		<0.00062	
4-Methyl-2-Pentanone (MIBK)	NL	NL	<0.00031		<0.00023	
Acetone	0.05	0.05	<0.0029		<0.0021	
Benzene	0.06	0.06	<0.00025		<0.00039	
Bromochloromethane	NL	NL	<0.00039		<0.00039	
Bromodichloromethane	NL	NL	<0.00039		<0.00030	
Bromoform	NL	NL	<0.00030		<0.00043	
Bromomethane	NL	NL	<0.00043		<0.00019	
Carbon Disulfide	NL	NL	<0.0014		<0.001	
Carbon tetrachloride	0.76	0.76	<0.00044		<0.00032	
Chlorobenzene	1.1	1.10	<0.00044		<0.00032	
Chlorodibromomethane	NL	NL	<0.00040		<0.0004	
Chloroethane	NL	NL	<0.0004		<0.00047	
Chloroform	0.37	0.37	<0.00047		<0.00034	
Chloromethane	NL	NL	<0.00056		<0.0004	
cis -1,2-Dichloroethene	0.25	NL	<0.00044		<0.00044	
cis-1,3-dichloropropene	NL	NL	<0.00029		<0.00029	
Cyclohexane	NL	NL	0.00077	J	<0.0004	
Dibromofluoromethane	NL	NL	<0.00022		<0.00022	
Dichlorodifluoromethane	NL	NL	<0.00064		<0.00046	
Ethylbenzene	1	1.00	0.00068	J	<0.00016	
Isopropylbenzene	NL	NL	0.00046	J	<0.00019	
Methyl Acetate	NL	NL	<0.00059		<0.00040	
Methyl Cyclohexane	NL	NL	0.0033	J	0.00078	J
Methyl ethyl ketone (2-butanone)	0.12	0.12	<0.00088		<0.00064	
Methyl tert-butyl ether	0.93	0.93	<0.00020		<0.00014	
Methylene chloride	0.05	0.05	<0.0021		<0.0015	
n - Propylbenzene	3.9	3.90	0.00078	J	<0.00020	
Naphthalene	NL	NL	0.00098	J	0.00018	J
n-Butylbenzene	12	12.00	0.00057	J	<0.00021	
p-Isopropyltoluene	NL	NL	0.00036	J	<0.00019	
sec-Butylbenzene	11	11.00	0.00061	J	<0.0002	
Styrene	NL	NL	<0.00051		<0.00037	
tert-Butylbenzene	5.9	5.90	<0.00032		<0.00023	
Tetrachloroethene	1.3	1.30	<0.00038		<0.00038	
Toluene	0.7	0.70	0.00063	J	0.00031	J
trans-1,2-Dichloroethene	0.19	1000.00	<0.00031		<0.00031	
trans-1,2-Dichloroethene	NL	NL	<0.00031		<0.00031	
trans-1,3-dichloropropene	NL	NL	<0.00026		<0.00026	
Trichloroethene	0.47	0.47	<0.00038		<0.00038	
Trichlorofluoromethane	NL	NL	<0.00053		<0.00053	
Vinyl chloride	0.02	0.02	<0.00040		<0.00040	
o-xylene	NL	NL	0.001	J	<0.00032	
m,p-xylene	NL	NL	0.0023	J	<0.00031	
xylene (mixed)	0.26	1.60	0.0033	J	<0.0031	

NOTES:

All values displayed in milligrams per kilograms (mg/kg) or parts per million (ppm)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Bold font indicates that the compound was detected at a concentration above its respective NYSDEC 6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)

Red font indicates that the compound was detected at a concentration above its respective NYSDEC DER-10 Commercial or Industrial Use Import Criteria

NL indicates NYSDEC standard or guidance criteria not listed for this compound

*Analytes without listed DER-10 Appendix 5 standard are substituted with Part 375 Unrestricted or Commercial Use SCOs.

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Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
Chlorinated Herbicides by GC					
	2,4-D	NA	mg/kg	0.184	U
	2,4,5-T	NA	mg/kg	0.184	U
	2,4,5-TP (Silvex)	NA	mg/kg	0.184	U
General Chemistry					
	Solids, Total	NA	%	88	
	pH (H)	NA	SU	8.2	
	Cyanide, Reactive	NA	mg/kg	10	U
	Sulfide, Reactive	NA	mg/kg	10	U
Ignitability of Solids					
	Ignitability	NA		NI	U
Organochlorine Pesticides by GC					
	Delta-BHC	NA	mg/kg	0.0018	U
	Lindane	NA	mg/kg	0.00075	U
	Alpha-BHC	NA	mg/kg	0.00075	U
	Beta-BHC	NA	mg/kg	0.0018	U
	Heptachlor	NA	mg/kg	0.000901	U
	Aldrin	NA	mg/kg	0.0018	U
	Heptachlor epoxide	NA	mg/kg	0.0013	J
	Endrin	NA	mg/kg	0.00175	PI
	Endrin aldehyde	NA	mg/kg	0.00225	U
	Endrin ketone	NA	mg/kg	0.0018	U
	Dieldrin	NA	mg/kg	0.00112	U
	4,4'-DDE	NA	mg/kg	0.0018	U
	4,4'-DDD	NA	mg/kg	0.0029	
	4,4'-DDT	NA	mg/kg	0.0132	P
	Endosulfan I	NA	mg/kg	0.0018	U
	Endosulfan II	NA	mg/kg	0.0018	U
	Endosulfan sulfate	NA	mg/kg	0.00075	U
	Methoxychlor	NA	mg/kg	0.00338	U
	Toxaphene	NA	mg/kg	0.0338	U
	cis-Chlordane	NA	mg/kg	0.00225	U
	trans-Chlordane	NA	mg/kg	0.00225	U
	Chlordane	NA	mg/kg	0.0146	U
Polychlorinated Biphenyls by GC					
	Aroclor 1016	NA	mg/kg	0.0367	U
	Aroclor 1221	NA	mg/kg	0.0367	U
	Aroclor 1232	NA	mg/kg	0.0367	U
	Aroclor 1242	NA	mg/kg	0.0367	U
	Aroclor 1248	NA	mg/kg	0.0367	U
	Aroclor 1254	NA	mg/kg	0.0156	J
	Aroclor 1260	NA	mg/kg	0.0367	U
	Aroclor 1262	NA	mg/kg	0.0367	U
	Aroclor 1268	NA	mg/kg	0.0367	U
	PCBs, Total	NA	mg/kg	0.0156	J

Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
Semivolatile Organics by GC/MS					
	Acenaphthene	NA	mg/kg	0.15	
	Hexachlorobenzene	NA	mg/kg	0.11	U
	Bis(2-chloroethyl)ether	NA	mg/kg	0.17	U
	2-Chloronaphthalene	NA	mg/kg	0.19	U
	3,3'-Dichlorobenzidine	NA	mg/kg	0.19	U
	2,4-Dinitrotoluene	NA	mg/kg	0.19	U
	2,6-Dinitrotoluene	NA	mg/kg	0.19	U
	Fluoranthene	NA	mg/kg	2.9	
	4-Chlorophenyl phenyl ether	NA	mg/kg	0.19	U
	4-Bromophenyl phenyl ether	NA	mg/kg	0.19	U
	Bis(2-chloroisopropyl)ether	NA	mg/kg	0.22	U
	Bis(2-chloroethoxy)methane	NA	mg/kg	0.2	U
	Hexachlorobutadiene	NA	mg/kg	0.19	U
	Hexachlorocyclopentadiene	NA	mg/kg	0.54	U
	Hexachloroethane	NA	mg/kg	0.15	U
	Isophorone	NA	mg/kg	0.17	U
	Naphthalene	NA	mg/kg	0.028	J
	Nitrobenzene	NA	mg/kg	0.17	U
	NDPA/DPA	NA	mg/kg	0.15	U
	n-Nitrosodi-n-propylamine	NA	mg/kg	0.19	U
	Bis(2-ethylhexyl)phthalate	NA	mg/kg	0.19	U
	Butyl benzyl phthalate	NA	mg/kg	0.19	U
	Di-n-butylphthalate	NA	mg/kg	0.19	U
	Di-n-octylphthalate	NA	mg/kg	0.19	U
	Diethyl phthalate	NA	mg/kg	0.19	U
	Dimethyl phthalate	NA	mg/kg	0.19	U
	Benzo(a)anthracene	NA	mg/kg	1.6	
	Benzo(a)pyrene	NA	mg/kg	1.6	
	Benzo(b)fluoranthene	NA	mg/kg	2	
	Benzo(k)fluoranthene	NA	mg/kg	0.66	
	Chrysene	NA	mg/kg	1.5	
	Acenaphthylene	NA	mg/kg	0.18	
	Anthracene	NA	mg/kg	0.6	
	Benzo(ghi)perylene	NA	mg/kg	0.9	
	Fluorene	NA	mg/kg	0.2	
	Phenanthrene	NA	mg/kg	1.8	
	Dibenzo(a,h)anthracene	NA	mg/kg	0.26	
	Indeno(1,2,3-cd)pyrene	NA	mg/kg	1	
	Pyrene	NA	mg/kg	2.4	
	Biphenyl	NA	mg/kg	0.43	U
	4-Chloroaniline	NA	mg/kg	0.19	U
	2-Nitroaniline	NA	mg/kg	0.19	U
	3-Nitroaniline	NA	mg/kg	0.19	U
	4-Nitroaniline	NA	mg/kg	0.19	U

Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
	Dibenzofuran	NA	mg/kg	0.097	J
	2-Methylnaphthalene	NA	mg/kg	0.059	J
	1,2,4,5-Tetrachlorobenzene	NA	mg/kg	0.19	U
	Acetophenone	NA	mg/kg	0.19	U
	2,4,6-Trichlorophenol	NA	mg/kg	0.11	U
	p-Chloro-m-cresol	NA	mg/kg	0.19	U
	2-Chlorophenol	NA	mg/kg	0.19	U
	2,4-Dichlorophenol	NA	mg/kg	0.17	U
	2,4-Dimethylphenol	NA	mg/kg	0.19	U
	2-Nitrophenol	NA	mg/kg	0.4	U
	4-Nitrophenol	NA	mg/kg	0.26	U
	2,4-Dinitrophenol	NA	mg/kg	0.9	U
	4,6-Dinitro-o-cresol	NA	mg/kg	0.49	U
	Pentachlorophenol	NA	mg/kg	0.15	U
	Phenol	NA	mg/kg	0.19	U
	2-Methylphenol	NA	mg/kg	0.19	U
	3-Methylphenol/4-Methylphenol	NA	mg/kg	0.27	U
	2,4,5-Trichlorophenol	NA	mg/kg	0.19	U
	Carbazole	NA	mg/kg	0.093	J
	Atrazine	NA	mg/kg	0.15	U
	Benzaldehyde	NA	mg/kg	0.25	U
	Caprolactam	NA	mg/kg	0.19	U
	2,3,4,6-Tetrachlorophenol	NA	mg/kg	0.19	U
TCLP Herbicides by EPA 1311					
	2,4-D	10	mg/l	0.025	U
	2,4,5-TP (Silvex)	1	mg/l	0.005	U
TCLP Metals by EPA 1311					
	Arsenic, TCLP	5	mg/l	1	U
	Barium, TCLP	100	mg/l	0.611	
	Cadmium, TCLP	1	mg/l	0.1	U
	Chromium, TCLP	5	mg/l	0.2	U
	Lead, TCLP	5	mg/l	0.5	U
	Mercury, TCLP	0.2	mg/l	0.001	U
	Selenium, TCLP	1	mg/l	0.5	U
	Silver, TCLP	5	mg/l	0.1	U
TCLP Pesticides by EPA 1311					
	Lindane	0.4	mg/l	0.0001	U
	Heptachlor	0.008	mg/l	0.0001	U
	Heptachlor epoxide	0.008	mg/l	0.0001	U
	Endrin	0.02	mg/l	0.0002	U
	Methoxychlor	10	mg/l	0.001	U
	Toxaphene	0.5	mg/l	0.001	U
	Chlordane	0.03	mg/l	0.001	U
TCLP Semivolatiles by EPA 1311					
	Hexachlorobenzene	0.13	mg/l	0.01	U

Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
	2,4-Dinitrotoluene	0.13	mg/l	0.025	U
	Hexachlorobutadiene	0.5	mg/l	0.01	U
	Hexachloroethane	3	mg/l	0.01	U
	Nitrobenzene	2	mg/l	0.01	U
	2,4,6-Trichlorophenol	2	mg/l	0.025	U
	Pentachlorophenol	100	mg/l	0.05	U
	2-Methylphenol	200	mg/l	0.025	U
	3-Methylphenol/4-Methylphenol	200	mg/l	0.025	U
	2,4,5-Trichlorophenol	400	mg/l	0.025	U
	Pyridine	5	mg/l	0.018	U
TCLP Volatiles by EPA 1311					
	Chloroform	6	mg/l	0.0075	U
	Carbon tetrachloride	0.5	mg/l	0.005	U
	Tetrachloroethene	0.7	mg/l	0.005	U
	Chlorobenzene	100	mg/l	0.005	U
	1,2-Dichloroethane	0.5	mg/l	0.005	U
	Benzene	0.5	mg/l	0.005	U
	Vinyl chloride	0.2	mg/l	0.01	U
	1,1-Dichloroethene	0.7	mg/l	0.005	U
	Trichloroethene	0.5	mg/l	0.005	U
	1,4-Dichlorobenzene	7.5	mg/l	0.025	U
	2-Butanone	200	mg/l	0.05	U
Total Metals					
	Aluminum, Total	NA	mg/kg	4700	
	Antimony, Total	NA	mg/kg	0.818	J
	Arsenic, Total	NA	mg/kg	3.56	
	Barium, Total	NA	mg/kg	78.8	
	Beryllium, Total	NA	mg/kg	0.241	J
	Cadmium, Total	NA	mg/kg	0.861	U
	Calcium, Total	NA	mg/kg	71900	
	Chromium, Total	NA	mg/kg	7.46	
	Cobalt, Total	NA	mg/kg	4.59	
	Copper, Total	NA	mg/kg	17.5	
	Iron, Total	NA	mg/kg	11200	
	Lead, Total	NA	mg/kg	33.9	
	Magnesium, Total	NA	mg/kg	17400	
	Manganese, Total	NA	mg/kg	641	
	Mercury, Total	NA	mg/kg	0.15	
	Nickel, Total	NA	mg/kg	9.5	
	Potassium, Total	NA	mg/kg	622	
	Selenium, Total	NA	mg/kg	1.72	U
	Silver, Total	NA	mg/kg	0.861	U
	Sodium, Total	NA	mg/kg	109	J
	Thallium, Total	NA	mg/kg	1.72	U
	Vanadium, Total	NA	mg/kg	11.4	

Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
	Zinc, Total	NA	mg/kg	37.4	
Volatile Organics by 8260/5035					
	Methylene chloride	NA	mg/kg	0.0084	U
	1,1-Dichloroethane	NA	mg/kg	0.0012	U
	Chloroform	NA	mg/kg	0.0012	U
	Carbon tetrachloride	NA	mg/kg	0.00084	U
	1,2-Dichloropropane	NA	mg/kg	0.0029	U
	Dibromochloromethane	NA	mg/kg	0.00084	U
	1,1,2-Trichloroethane	NA	mg/kg	0.0012	U
	Tetrachloroethene	NA	mg/kg	0.00037	J
	Chlorobenzene	NA	mg/kg	0.00084	U
	Trichlorofluoromethane	NA	mg/kg	0.0042	U
	1,2-Dichloroethane	NA	mg/kg	0.00084	U
	1,1,1-Trichloroethane	NA	mg/kg	0.00084	U
	Bromodichloromethane	NA	mg/kg	0.00084	U
	trans-1,3-Dichloropropene	NA	mg/kg	0.00084	U
	cis-1,3-Dichloropropene	NA	mg/kg	0.00084	U
	Bromoform	NA	mg/kg	0.0033	U
	1,1,2,2-Tetrachloroethane	NA	mg/kg	0.00084	U
	Benzene	NA	mg/kg	0.00084	U
	Toluene	NA	mg/kg	0.0012	U
	Ethylbenzene	NA	mg/kg	0.00084	U
	Chloromethane	NA	mg/kg	0.0042	U
	Bromomethane	NA	mg/kg	0.0017	U
	Vinyl chloride	NA	mg/kg	0.0017	U

Table 2

Waste Characterization Sample Results

NYSEG Lockport State Road Former MGP Site

LaBella Project # 2161270.031.01

	SAMPLE ID			TRENCH SPOILS-1	
	SAMPLE DATE			12/18/2017	
	SAMPLE TYPE			SOIL	
	SAMPLE DEPTH (ft.)			N/A	
	ANALYTICAL PARAMETERS	EPA -TCLP Criteria	Units	Result	Qual
	Chloroethane	NA	mg/kg	0.0017	U
	1,1-Dichloroethene	NA	mg/kg	0.00084	U
	trans-1,2-Dichloroethene	NA	mg/kg	0.0012	U
	Trichloroethene	NA	mg/kg	0.00084	U
	1,2-Dichlorobenzene	NA	mg/kg	0.0042	U
	1,3-Dichlorobenzene	NA	mg/kg	0.0042	U
	1,4-Dichlorobenzene	NA	mg/kg	0.0042	U
	Methyl tert butyl ether	NA	mg/kg	0.0017	U
	p/m-Xylene	NA	mg/kg	0.0017	U
	o-Xylene	NA	mg/kg	0.0017	U
	cis-1,2-Dichloroethene	NA	mg/kg	0.00084	U
	Styrene	NA	mg/kg	0.0017	U
	Dichlorodifluoromethane	NA	mg/kg	0.0084	U
	Acetone	NA	mg/kg	0.0084	U
	Carbon disulfide	NA	mg/kg	0.0084	U
	2-Butanone	NA	mg/kg	0.0084	U
	4-Methyl-2-pentanone	NA	mg/kg	0.0084	U
	2-Hexanone	NA	mg/kg	0.0084	U
	1,2-Dibromoethane	NA	mg/kg	0.0033	U
	n-Butylbenzene	NA	mg/kg	0.00084	U
	sec-Butylbenzene	NA	mg/kg	0.00084	U
	tert-Butylbenzene	NA	mg/kg	0.0042	U
	1,2-Dibromo-3-chloropropane	NA	mg/kg	0.0042	U
	Isopropylbenzene	NA	mg/kg	0.00084	U
	p-Isopropyltoluene	NA	mg/kg	0.00084	U
	Naphthalene	NA	mg/kg	0.0016	J
	n-Propylbenzene	NA	mg/kg	0.00084	U
	1,2,4-Trichlorobenzene	NA	mg/kg	0.0042	U
	1,3,5-Trimethylbenzene	NA	mg/kg	0.0042	U
	1,2,4-Trimethylbenzene	NA	mg/kg	0.0042	U
	Methyl Acetate	NA	mg/kg	0.017	U
	Cyclohexane	NA	mg/kg	0.017	U
	Freon-113	NA	mg/kg	0.017	U
	Methyl cyclohexane	NA	mg/kg	0.0033	U

Notes:

I - The lower value for the two columns has been reported due to obvious interference.

J - Sample result is above the MDL but below the RL, therefore the concentration is estimated

P - The RPD between the results for the two columns exceeds the method-specified criteria.

U - Not detected at the reported detection limit for the sample.

EPA-TCLP Criteria: EPA Toxicity Characteristic (TCLP) Regulatory Levels Criteria per 40CFR Part 261 as of September 10, 2015.

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ATTACHMENT A

Test 012

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/18/2017
Instrument S/N	8530133819	Start Time	09:32:06
		Stop Date	12/18/2017
		Stop Time	15:02:06
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/18/2017	09:47:06	0.075
2	12/18/2017	10:02:06	0.078
3	12/18/2017	10:17:06	0.082
4	12/18/2017	10:32:06	0.084
5	12/18/2017	10:47:06	0.084
6	12/18/2017	11:02:06	0.081
7	12/18/2017	11:17:06	0.078
8	12/18/2017	11:32:06	0.078
9	12/18/2017	11:47:06	0.078
10	12/18/2017	12:02:06	0.082
11	12/18/2017	12:17:06	0.077
12	12/18/2017	12:32:06	0.076
13	12/18/2017	12:47:06	0.077
14	12/18/2017	13:02:06	0.075
15	12/18/2017	13:17:06	0.075
16	12/18/2017	13:32:06	0.073
17	12/18/2017	13:47:06	0.070
18	12/18/2017	14:02:06	0.069
19	12/18/2017	14:17:06	0.068
20	12/18/2017	14:32:06	0.067
21	12/18/2017	14:47:06	0.065
22	12/18/2017	15:02:06	0.066

Test 013

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/19/2017
Instrument S/N	8530133819	Start Time	08:33:17
		Stop Date	12/19/2017
		Stop Time	14:18:17
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/19/2017	08:48:17	0.061
2	12/19/2017	09:03:17	0.061
3	12/19/2017	09:18:17	0.061
4	12/19/2017	09:33:17	0.063
5	12/19/2017	09:48:17	0.063
6	12/19/2017	10:03:17	0.063
7	12/19/2017	10:18:17	0.063
8	12/19/2017	10:33:17	0.064
9	12/19/2017	10:48:17	0.064
10	12/19/2017	11:03:17	0.063
11	12/19/2017	11:18:17	0.063
12	12/19/2017	11:33:17	0.062
13	12/19/2017	11:48:17	0.062
14	12/19/2017	12:03:17	0.061
15	12/19/2017	12:18:17	0.058
16	12/19/2017	12:33:17	0.057
17	12/19/2017	12:48:17	0.057
18	12/19/2017	13:03:17	0.057
19	12/19/2017	13:18:17	0.058
20	12/19/2017	13:33:17	0.059
21	12/19/2017	13:48:17	0.059
22	12/19/2017	14:03:17	0.060
23	12/19/2017	14:18:17	0.060

Test 014

Instrument		Data Properties	
Model	DustTrak II	Start Date	12/20/2017
Instrument S/N	8530133819	Start Time	08:53:55
		Stop Date	12/20/2017
		Stop Time	14:23:55
		Total Time	0:05:30:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	12/20/2017	09:08:55	0.003
2	12/20/2017	09:23:55	0.003
3	12/20/2017	09:38:55	0.004
4	12/20/2017	09:53:55	0.004
5	12/20/2017	10:08:55	0.004
6	12/20/2017	10:23:55	0.004
7	12/20/2017	10:38:55	0.005
8	12/20/2017	10:53:55	0.005
9	12/20/2017	11:08:55	0.004
10	12/20/2017	11:23:55	0.004
11	12/20/2017	11:38:55	0.004
12	12/20/2017	11:53:55	0.005
13	12/20/2017	12:08:55	0.005
14	12/20/2017	12:23:55	0.004
15	12/20/2017	12:38:55	0.004
16	12/20/2017	12:53:55	0.005
17	12/20/2017	13:08:55	0.004
18	12/20/2017	13:23:55	0.004
19	12/20/2017	13:38:55	0.004
20	12/20/2017	13:53:55	0.004
21	12/20/2017	14:08:55	0.004
22	12/20/2017	14:23:55	0.005

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2018
Instrument S/N	8530133704	Start Time	07:48:00
		Stop Date	02/26/2018
		Stop Time	12:48:00
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/26/2018	08:03:00	0.030
2	02/26/2018	08:18:00	0.027
3	02/26/2018	08:33:00	0.025
4	02/26/2018	08:48:00	0.025
5	02/26/2018	09:03:00	0.024
6	02/26/2018	09:18:00	0.021
7	02/26/2018	09:33:00	0.019
8	02/26/2018	09:48:00	0.019
9	02/26/2018	10:03:00	0.017
10	02/26/2018	10:18:00	0.016
11	02/26/2018	10:33:00	0.015
12	02/26/2018	10:48:00	0.015
13	02/26/2018	11:03:00	0.015
14	02/26/2018	11:18:00	0.015
15	02/26/2018	11:33:00	0.014
16	02/26/2018	11:48:00	0.013
17	02/26/2018	12:03:00	0.012
18	02/26/2018	12:18:00	0.012
19	02/26/2018	12:33:00	0.013
20	02/26/2018	12:48:00	0.012

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2018
Instrument S/N	8530133704	Start Time	07:58:19
		Stop Date	02/27/2018
		Stop Time	11:58:19
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/27/2018	08:13:19	0.017
2	02/27/2018	08:28:19	0.017
3	02/27/2018	08:43:19	0.018
4	02/27/2018	08:58:19	0.018
5	02/27/2018	09:13:19	0.017
6	02/27/2018	09:28:19	0.017
7	02/27/2018	09:43:19	0.016
8	02/27/2018	09:58:19	0.017
9	02/27/2018	10:13:19	0.016
10	02/27/2018	10:28:19	0.017
11	02/27/2018	10:43:19	0.017
12	02/27/2018	10:58:19	0.019
13	02/27/2018	11:13:19	0.017
14	02/27/2018	11:28:19	0.016
15	02/27/2018	11:43:19	0.017
16	02/27/2018	11:58:19	0.018

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2018
Instrument S/N	8530133704	Start Time	13:29:01
		Stop Date	02/27/2018
		Stop Time	15:14:01
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/27/2018	13:44:01	0.016
2	02/27/2018	13:59:01	0.014
3	02/27/2018	14:14:01	0.015
4	02/27/2018	14:29:01	0.018
5	02/27/2018	14:44:01	0.016
6	02/27/2018	14:59:01	0.015
7	02/27/2018	15:14:01	0.015

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2018
Instrument S/N	8530133704	Start Time	07:59:25
		Stop Date	02/28/2018
		Stop Time	08:44:25
		Total Time	0:00:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/28/2018	08:14:25	0.019
2	02/28/2018	08:29:25	0.015
3	02/28/2018	08:44:25	0.017

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2018
Instrument S/N	8530133704	Start Time	09:25:57
		Stop Date	02/28/2018
		Stop Time	09:40:57
		Total Time	0:00:15:00

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/28/2018	09:40:57	0.010

Test 030

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/30/2018
Instrument S/N	8530133819	Start Time	07:51:57
		Stop Date	04/30/2018
		Stop Time	11:51:57
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	04/30/2018	08:06:57	0.014
2	04/30/2018	08:21:57	0.012
3	04/30/2018	08:36:57	0.009
4	04/30/2018	08:51:57	0.009
5	04/30/2018	09:06:57	0.010
6	04/30/2018	09:21:57	0.009
7	04/30/2018	09:36:57	0.010
8	04/30/2018	09:51:57	0.009
9	04/30/2018	10:06:57	0.009
10	04/30/2018	10:21:57	0.009
11	04/30/2018	10:36:57	0.009
12	04/30/2018	10:51:57	0.009
13	04/30/2018	11:06:57	0.009
14	04/30/2018	11:21:57	0.009
15	04/30/2018	11:36:57	0.010
16	04/30/2018	11:51:57	0.012

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/26/2018
Instrument S/N	8530133704	Start Time	07:48:00
		Stop Date	02/26/2018
		Stop Time	12:48:00
		Total Time	0:05:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/26/2018	08:03:00	0.030
2	02/26/2018	08:18:00	0.027
3	02/26/2018	08:33:00	0.025
4	02/26/2018	08:48:00	0.025
5	02/26/2018	09:03:00	0.024
6	02/26/2018	09:18:00	0.021
7	02/26/2018	09:33:00	0.019
8	02/26/2018	09:48:00	0.019
9	02/26/2018	10:03:00	0.017
10	02/26/2018	10:18:00	0.016
11	02/26/2018	10:33:00	0.015
12	02/26/2018	10:48:00	0.015
13	02/26/2018	11:03:00	0.015
14	02/26/2018	11:18:00	0.015
15	02/26/2018	11:33:00	0.014
16	02/26/2018	11:48:00	0.013
17	02/26/2018	12:03:00	0.012
18	02/26/2018	12:18:00	0.012
19	02/26/2018	12:33:00	0.013
20	02/26/2018	12:48:00	0.012

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2018
Instrument S/N	8530133704	Start Time	07:58:19
		Stop Date	02/27/2018
		Stop Time	11:58:19
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/27/2018	08:13:19	0.017
2	02/27/2018	08:28:19	0.017
3	02/27/2018	08:43:19	0.018
4	02/27/2018	08:58:19	0.018
5	02/27/2018	09:13:19	0.017
6	02/27/2018	09:28:19	0.017
7	02/27/2018	09:43:19	0.016
8	02/27/2018	09:58:19	0.017
9	02/27/2018	10:13:19	0.016
10	02/27/2018	10:28:19	0.017
11	02/27/2018	10:43:19	0.017
12	02/27/2018	10:58:19	0.019
13	02/27/2018	11:13:19	0.017
14	02/27/2018	11:28:19	0.016
15	02/27/2018	11:43:19	0.017
16	02/27/2018	11:58:19	0.018

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/27/2018
Instrument S/N	8530133704	Start Time	13:29:01
		Stop Date	02/27/2018
		Stop Time	15:14:01
		Total Time	0:01:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/27/2018	13:44:01	0.016
2	02/27/2018	13:59:01	0.014
3	02/27/2018	14:14:01	0.015
4	02/27/2018	14:29:01	0.018
5	02/27/2018	14:44:01	0.016
6	02/27/2018	14:59:01	0.015
7	02/27/2018	15:14:01	0.015

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2018
Instrument S/N	8530133704	Start Time	07:59:25
		Stop Date	02/28/2018
		Stop Time	08:44:25
		Total Time	0:00:45:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/28/2018	08:14:25	0.019
2	02/28/2018	08:29:25	0.015
3	02/28/2018	08:44:25	0.017

Test 005

Instrument		Data Properties	
Model	DustTrak II	Start Date	02/28/2018
Instrument S/N	8530133704	Start Time	09:25:57
		Stop Date	02/28/2018
		Stop Time	09:40:57
		Total Time	0:00:15:00

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	02/28/2018	09:40:57	0.010

Test 007

Instrument		Data Properties	
Model	DustTrak II	Start Date	04/30/2018
Instrument S/N	8530133810	Start Time	07:48:16
		Stop Date	04/30/2018
		Stop Time	11:48:16
		Total Time	0:04:00:00
		Logging Interval	900 seconds

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	04/30/2018	08:03:16	0.018
2	04/30/2018	08:18:16	0.011
3	04/30/2018	08:33:16	0.009
4	04/30/2018	08:48:16	0.009
5	04/30/2018	09:03:16	0.009
6	04/30/2018	09:18:16	0.009
7	04/30/2018	09:33:16	0.014
8	04/30/2018	09:48:16	0.009
9	04/30/2018	10:03:16	0.009
10	04/30/2018	10:18:16	0.009
11	04/30/2018	10:33:16	0.008
12	04/30/2018	10:48:16	0.008
13	04/30/2018	11:03:16	0.008
14	04/30/2018	11:18:16	0.010
15	04/30/2018	11:33:16	0.013
16	04/30/2018	11:48:16	0.013

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ATTACHMENT B

ANALYTICAL REPORT

Lab Number:	L1746394
Client:	LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614
ATTN:	Christie Sobol
Phone:	(585) 454-6110
Project Name:	NYSEG LOCKPORT STATE RD FMR
Project Number:	2161270.031
Report Date:	02/09/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1746394-01	DRY SCREENINGS_1	SOIL	Not Specified	12/15/17 09:40	12/15/17
L1746394-02	CRUSHER RUN#2_1	SOIL	Not Specified	12/15/17 09:50	12/15/17

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394
Project Number: 2161270.031 **Report Date:** 02/09/18

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1746394
Project Number:	2161270.031	**Report Date:**	02/09/18

Case Narrative (continued)

Report Revision

February 09, 2018: 1,4-Dioxane has been added to the Volatile Organics compound list.

Report Submission

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

Total Metals

L1746394-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1074097-3 MS recoveries, performed on L1746394-01, are outside the acceptance criteria for aluminum (270%), silver (127%), thallium (72%) and zinc (47%). A post digestion spike was performed and yielded unacceptable recoveries for silver (19%) and thallium (77%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

The WG1074097-3 MS recoveries for calcium (0%), iron (1110%), magnesium (633%) and manganese (197%), performed on L1746394-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1074097-4 Laboratory Duplicate RPDs for lead (29%) and magnesium (28%), performed on L1746394-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 02/09/18

ORGANICS

VOLATILES

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/17 08:54
Analyst: JC
Percent Solids: 96%

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	2.1	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.34	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.44	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.38	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.45	1
Bromodichloromethane	ND		ug/kg	1.3	0.39	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.29	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.38	1
Benzene	ND		ug/kg	1.3	0.25	1
Toluene	0.63	J	ug/kg	1.9	0.25	1
Ethylbenzene	0.68	J	ug/kg	1.3	0.22	1
Chloromethane	ND		ug/kg	6.4	0.56	1
Bromomethane	ND		ug/kg	2.6	0.43	1
Vinyl chloride	ND		ug/kg	2.6	0.40	1
Chloroethane	ND		ug/kg	2.6	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.47	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.31	1
Trichloroethene	ND		ug/kg	1.3	0.38	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.28	1

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01 Date Collected: 12/15/17 09:40
Client ID: DRY SCREENINGS_1 Date Received: 12/15/17
Sample Location: Not Specified Field Prep: Not Specified
Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.20	1
p/m-Xylene	2.3	J	ug/kg	2.6	0.45	1
o-Xylene	1.0	J	ug/kg	2.6	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.44	1
Styrene	ND		ug/kg	2.6	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.64	1
Acetone	ND		ug/kg	13	2.9	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.88	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
2-Hexanone	ND		ug/kg	13	0.85	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.25	1
n-Butylbenzene	0.57	J	ug/kg	1.3	0.29	1
sec-Butylbenzene	0.61	J	ug/kg	1.3	0.28	1
tert-Butylbenzene	ND		ug/kg	6.4	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.50	1
Isopropylbenzene	0.46	J	ug/kg	1.3	0.25	1
p-Isopropyltoluene	0.36	J	ug/kg	1.3	0.26	1
Naphthalene	0.98	J	ug/kg	6.4	0.18	1
n-Propylbenzene	0.78	J	ug/kg	1.3	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.27	1
1,3,5-Trimethylbenzene	2.7	J	ug/kg	6.4	0.20	1
1,2,4-Trimethylbenzene	3.6	J	ug/kg	6.4	0.24	1
Methyl Acetate	ND		ug/kg	26	0.59	1
Cyclohexane	0.77	J	ug/kg	26	0.55	1
1,4-Dioxane	ND		ug/kg	51	18.	1
Freon-113	ND		ug/kg	26	0.66	1
Methyl cyclohexane	3.3	J	ug/kg	5.1	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	102		70-130

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/18/17 09:22
Analyst: JC
Percent Solids: 95%

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.32	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.93	0.28	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.32	1
Bromodichloromethane	ND		ug/kg	0.93	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.21	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.28	1
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	0.31	J	ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Chloromethane	ND		ug/kg	4.6	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.29	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.93	0.28	1
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.20	1

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02 Date Collected: 12/15/17 09:50
Client ID: CRUSHER RUN#2_1 Date Received: 12/15/17
Sample Location: Not Specified Field Prep: Not Specified
Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.32	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.46	1
Acetone	ND		ug/kg	9.3	2.1	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.64	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.18	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.37	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	0.18	J	ug/kg	4.6	0.13	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1
Methyl Acetate	ND		ug/kg	18	0.43	1
Cyclohexane	ND		ug/kg	18	0.40	1
1,4-Dioxane	ND		ug/kg	37	13.	1
Freon-113	ND		ug/kg	18	0.48	1
Methyl cyclohexane	0.78	J	ug/kg	3.7	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	99		70-130

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/17 08:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG1074244-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/17 08:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG1074244-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
1,4-Dioxane	ND		ug/kg	40	14.
Freon-113	ND		ug/kg	20	0.51
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/17 08:27
Analyst: CBN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-02 Batch: WG1074244-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG1074244-3 WG1074244-4								
Methylene chloride	95		95		70-130	0		30
1,1-Dichloroethane	108		106		70-130	2		30
Chloroform	96		95		70-130	1		30
Carbon tetrachloride	94		94		70-130	0		30
1,2-Dichloropropane	108		107		70-130	1		30
Dibromochloromethane	86		86		70-130	0		30
1,1,2-Trichloroethane	98		100		70-130	2		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	95		94		70-130	1		30
Trichlorofluoromethane	106		103		70-139	3		30
1,2-Dichloroethane	98		96		70-130	2		30
1,1,1-Trichloroethane	99		97		70-130	2		30
Bromodichloromethane	98		100		70-130	2		30
trans-1,3-Dichloropropene	98		98		70-130	0		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
Bromoform	85		88		70-130	3		30
1,1,2,2-Tetrachloroethane	102		103		70-130	1		30
Benzene	102		99		70-130	3		30
Toluene	101		99		70-130	2		30
Ethylbenzene	102		99		70-130	3		30
Chloromethane	124		118		52-130	5		30
Bromomethane	96		95		57-147	1		30
Vinyl chloride	**131**	Q	124		67-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG1074244-3 WG1074244-4								
Chloroethane	118		109		50-151	8		30
1,1-Dichloroethene	102		99		65-135	3		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	97		94		70-130	3		30
1,2-Dichlorobenzene	88		88		70-130	0		30
1,3-Dichlorobenzene	89		90		70-130	1		30
1,4-Dichlorobenzene	90		89		70-130	1		30
Methyl tert butyl ether	90		90		66-130	0		30
p/m-Xylene	94		92		70-130	2		30
o-Xylene	92		91		70-130	1		30
cis-1,2-Dichloroethene	92		91		70-130	1		30
Styrene	91		89		70-130	2		30
Dichlorodifluoromethane	94		91		30-146	3		30
Acetone	104		101		54-140	3		30
Carbon disulfide	108		104		59-130	4		30
2-Butanone	105		100		70-130	5		30
4-Methyl-2-pentanone	100		104		70-130	4		30
2-Hexanone	90		91		70-130	1		30
1,2-Dibromoethane	90		91		70-130	1		30
n-Butylbenzene	106		104		70-130	2		30
sec-Butylbenzene	103		102		70-130	1		30
tert-Butylbenzene	96		95		70-130	1		30
1,2-Dibromo-3-chloropropane	84		85		68-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-02 Batch: WG1074244-3 WG1074244-4								
Isopropylbenzene	100		98		70-130	2		30
p-Isopropyltoluene	97		96		70-130	1		30
Naphthalene	79		84		70-130	6		30
n-Propylbenzene	106		104		70-130	2		30
1,2,4-Trichlorobenzene	80		83		70-130	4		30
1,3,5-Trimethylbenzene	99		98		70-130	1		30
1,2,4-Trimethylbenzene	99		98		70-130	1		30
Methyl Acetate	107		110		51-146	3		30
Cyclohexane	125		122		59-142	2		30
1,4-Dioxane	87		82		65-136	6		30
Freon-113	105		101		50-139	4		30
Methyl cyclohexane	109		106		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		108		70-130
Toluene-d8	107		108		70-130
4-Bromofluorobenzene	106		106		70-130
Dibromofluoromethane	100		99		70-130

SEMIVOLATILES

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/17 02:12
Analyst: EK
Percent Solids: 96%

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 05:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Dibenzofuran	ND		ug/kg	170	16.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01 Date Collected: 12/15/17 09:40

Client ID: DRY SCREENINGS_1 Date Received: 12/15/17

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	85		18-120

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/17 02:38
Analyst: EK
Percent Solids: 95%

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 05:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Dibenzofuran	ND		ug/kg	170	16.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02 Date Collected: 12/15/17 09:50

Client ID: CRUSHER RUN#2_1 Date Received: 12/15/17

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	86		18-120

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/17 01:28
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 12/15/17 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1073188-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Fluoranthene	ND		ug/kg	99	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Dibenzofuran	ND		ug/kg	160	16.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/17 01:28
Analyst: CB

Extraction Method: EPA 3546
Extraction Date: 12/15/17 11:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1073188-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	75		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1073188-2 WG1073188-3								
Acenaphthene	71		78		31-137	9		50
Hexachlorobenzene	74		81		40-140	9		50
Fluoranthene	79		87		40-140	10		50
Naphthalene	68		76		40-140	11		50
Benzo(a)anthracene	81		90		40-140	11		50
Benzo(a)pyrene	86		95		40-140	10		50
Benzo(b)fluoranthene	83		91		40-140	9		50
Benzo(k)fluoranthene	85		93		40-140	9		50
Chrysene	79		87		40-140	10		50
Acenaphthylene	70		77		40-140	10		50
Anthracene	80		87		40-140	8		50
Benzo(ghi)perylene	80		90		40-140	12		50
Fluorene	76		84		40-140	10		50
Phenanthrene	77		84		40-140	9		50
Dibenzo(a,h)anthracene	81		91		40-140	12		50
Indeno(1,2,3-cd)pyrene	80		92		40-140	14		50
Pyrene	76		85		35-142	11		50
Dibenzofuran	75		82		40-140	9		50
Pentachlorophenol	72		80		17-109	11		50
Phenol	78		87		26-90	11		50
2-Methylphenol	77		87		30-130.	12		50
3-Methylphenol/4-Methylphenol	80		89		30-130	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1073188-2 WG1073188-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		88		25-120
Phenol-d6	80		89		10-120
Nitrobenzene-d5	73		83		23-120
2-Fluorobiphenyl	69		79		30-120
2,4,6-Tribromophenol	82		92		10-136
4-Terphenyl-d14	76		85		18-120

PCBS

Project Name: NYSEG LOCKPORT STATE RD FMR
Lab Number: L1746394
Project Number: 2161270.031
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/17 11:59
Analyst: HT
Percent Solids: 96%

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 12/16/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.9	3.73	1	A
Aroclor 1221	ND		ug/kg	32.9	5.00	1	A
Aroclor 1232	ND		ug/kg	32.9	3.23	1	A
Aroclor 1242	ND		ug/kg	32.9	4.02	1	A
Aroclor 1248	ND		ug/kg	32.9	3.69	1	A
Aroclor 1254	ND		ug/kg	32.9	2.68	1	A
Aroclor 1260	ND		ug/kg	32.9	3.43	1	A
Aroclor 1262	ND		ug/kg	32.9	2.70	1	A
Aroclor 1268	ND		ug/kg	32.9	2.33	1	A
PCBs, Total	ND		ug/kg	32.9	2.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/17/17 12:16
Analyst: HT
Percent Solids: 95%

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 12/16/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.6	3.81	1	A
Aroclor 1221	ND		ug/kg	33.6	5.11	1	A
Aroclor 1232	ND		ug/kg	33.6	3.31	1	A
Aroclor 1242	ND		ug/kg	33.6	4.11	1	A
Aroclor 1248	ND		ug/kg	33.6	3.77	1	A
Aroclor 1254	ND		ug/kg	33.6	2.74	1	A
Aroclor 1260	ND		ug/kg	33.6	3.51	1	A
Aroclor 1262	ND		ug/kg	33.6	2.76	1	A
Aroclor 1268	ND		ug/kg	33.6	2.38	1	A
PCBs, Total	ND		ug/kg	33.6	2.38	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/17/17 15:16
Analyst: AF

Extraction Method: EPA 3546
Extraction Date: 12/16/17 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 12/16/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1073459-1						
Aroclor 1016	ND		ug/kg	32.0	3.63	A
Aroclor 1221	ND		ug/kg	32.0	4.88	A
Aroclor 1232	ND		ug/kg	32.0	3.15	A
Aroclor 1242	ND		ug/kg	32.0	3.92	A
Aroclor 1248	ND		ug/kg	32.0	3.60	A
Aroclor 1254	ND		ug/kg	32.0	2.62	A
Aroclor 1260	ND		ug/kg	32.0	3.35	A
Aroclor 1262	ND		ug/kg	32.0	2.63	A
Aroclor 1268	ND		ug/kg	32.0	2.27	A
PCBs, Total	ND		ug/kg	32.0	2.27	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1073459-2 WG1073459-3									
Aroclor 1016	62		78		40-140	23		50	A
Aroclor 1260	47		64		40-140	31		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		83		30-150	A
Decachlorobiphenyl	37		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		79		30-150	B
Decachlorobiphenyl	48		64		30-150	B

PESTICIDES

Project Name: NYSEG LOCKPORT STATE RD FMR
Lab Number: L1746394
Project Number: 2161270.031
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/17 15:26
Analyst: JW
Percent Solids: 96%

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 09:40
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.312	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Endrin	ND		ug/kg	0.665	0.273	1	A
Dieldrin	ND		ug/kg	0.997	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.569	1	A
4,4'-DDT	ND		ug/kg	2.99	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.665	0.316	1	A
cis-Chlordane	ND		ug/kg	1.99	0.556	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	77		30-150	A

Project Name: NYSEG LOCKPORT STATE RD FMR
Lab Number: L1746394
Project Number: 2161270.031
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/20/17 05:50
Analyst: SL
Percent Solids: 96%
Methylation Date: 12/19/17 13:00

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 8151A
Extraction Date: 12/18/17 20:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	171	4.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	75		30-150	B

Project Name: NYSEG LOCKPORT STATE RD FMR
Lab Number: L1746394
Project Number: 2161270.031
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/18/17 15:38
Analyst: JW
Percent Solids: 95%

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/16/17 09:40
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.700	0.313	1	A
Alpha-BHC	ND		ug/kg	0.700	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.637	1	A
Heptachlor	ND		ug/kg	0.840	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Endrin	ND		ug/kg	0.700	0.287	1	A
Dieldrin	ND		ug/kg	1.05	0.525	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.700	0.333	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	67		30-150	A

Project Name: NYSEG LOCKPORT STATE RD FMR
Lab Number: L1746394
Project Number: 2161270.031
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/20/17 06:09
Analyst: SL
Percent Solids: 95%
Methylation Date: 12/19/17 13:00

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
Field Prep: Not Specified

Extraction Method: EPA 8151A
Extraction Date: 12/18/17 20:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	172	4.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	118		30-150	A
DCAA	100		30-150	B

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/18/17 11:54
Analyst: JW

Extraction Method: EPA 3546
Extraction Date: 12/16/17 09:40
Cleanup Method: EPA 3620B
Cleanup Date: 12/17/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1073493-1						
Delta-BHC	ND		ug/kg	1.53	0.299	A
Lindane	ND		ug/kg	0.637	0.285	A
Alpha-BHC	ND		ug/kg	0.637	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.580	A
Heptachlor	ND		ug/kg	0.764	0.343	A
Aldrin	ND		ug/kg	1.53	0.538	A
Endrin	ND		ug/kg	0.637	0.261	A
Dieldrin	ND		ug/kg	0.955	0.478	A
4,4'-DDE	ND		ug/kg	1.53	0.354	A
4,4'-DDD	ND		ug/kg	1.53	0.545	A
4,4'-DDT	ND		ug/kg	2.87	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.361	A
Endosulfan II	ND		ug/kg	1.53	0.511	A
Endosulfan sulfate	ND		ug/kg	0.637	0.303	A
cis-Chlordane	ND		ug/kg	1.91	0.532	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	86		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/20/17 01:57
Analyst: SL

Extraction Method: EPA 8151A
Extraction Date: 12/18/17 10:00

Methylation Date: 12/19/17 05:13

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1073849-1						
2,4,5-TP (Silvex)	ND		ug/kg	165	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	89		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1073493-2 WG1073493-3									
Delta-BHC	105		93		30-150	12		30	A
Lindane	103		90		30-150	13		30	A
Alpha-BHC	103		94		30-150	9		30	A
Beta-BHC	101		92		30-150	9		30	A
Heptachlor	67		61		30-150	9		30	A
Aldrin	93		87		30-150	7		30	A
Endrin	101		94		30-150	7		30	A
Dieldrin	100		92		30-150	8		30	A
4,4'-DDE	91		85		30-150	7		30	A
4,4'-DDD	92		84		30-150	9		30	A
4,4'-DDT	98		90		30-150	9		30	A
Endosulfan I	97		91		30-150	6		30	A
Endosulfan II	102		93		30-150	9		30	A
Endosulfan sulfate	108		95		30-150	13		30	A
cis-Chlordane	99		93		30-150	6		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		97		30-150	B
Decachlorobiphenyl	97		88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	110		103		30-150	A
Decachlorobiphenyl	96		96		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1073849-2 WG1073849-3									
2,4,5-TP (Silvex)	90		101		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	85		90		30-150	A
DCAA	85		81		30-150	B

METALS

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01 Date Collected: 12/15/17 09:40

Client ID: DRY SCREENINGS_1 Date Received: 12/15/17

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	607		mg/kg	8.27	2.23	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.13	0.314	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Arsenic, Total	0.298	J	mg/kg	0.827	0.172	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Barium, Total	3.94		mg/kg	0.827	0.144	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Beryllium, Total	0.041	J	mg/kg	0.413	0.027	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.827	0.081	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Calcium, Total	208000		mg/kg	82.7	28.9	20	12/18/17 19:50	12/20/17 00:35	EPA 3050B	1,6010C	AB
Chromium, Total	1.76		mg/kg	0.827	0.079	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Cobalt, Total	1.12	J	mg/kg	1.65	0.137	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Copper, Total	2.45		mg/kg	0.827	0.213	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Iron, Total	3710		mg/kg	4.13	0.747	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Lead, Total	13.9		mg/kg	4.13	0.222	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Magnesium, Total	35700		mg/kg	8.27	1.27	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Manganese, Total	430		mg/kg	0.827	0.131	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/18/17 21:45	12/18/17 23:51	EPA 7471B	1,7471B	EA
Nickel, Total	1.91	J	mg/kg	2.07	0.200	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Potassium, Total	453		mg/kg	207	11.9	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.65	0.213	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.827	0.234	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Sodium, Total	302		mg/kg	165	2.60	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.65	0.260	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Vanadium, Total	1.96		mg/kg	0.827	0.168	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB
Zinc, Total	32.1		mg/kg	4.13	0.242	2	12/18/17 19:50	12/19/17 19:45	EPA 3050B	1,6010C	AB

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02 Date Collected: 12/15/17 09:50

Client ID: CRUSHER RUN#2_1 Date Received: 12/15/17

Sample Location: Not Specified Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1040		mg/kg	8.33	2.25	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.16	0.316	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Arsenic, Total	3.20		mg/kg	0.833	0.173	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Barium, Total	7.79		mg/kg	0.833	0.145	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Beryllium, Total	0.083	J	mg/kg	0.416	0.028	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Cadmium, Total	1.71		mg/kg	0.833	0.082	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Calcium, Total	191000		mg/kg	83.3	29.2	20	12/18/17 19:50	12/20/17 00:56	EPA 3050B	1,6010C	AB
Chromium, Total	2.51		mg/kg	0.833	0.080	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Cobalt, Total	2.02		mg/kg	1.67	0.138	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Copper, Total	5.16		mg/kg	0.833	0.215	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Iron, Total	6720		mg/kg	4.16	0.752	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Lead, Total	25.3		mg/kg	4.16	0.223	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Magnesium, Total	43400		mg/kg	8.33	1.28	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Manganese, Total	609		mg/kg	0.833	0.132	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	12/18/17 21:45	12/18/17 23:53	EPA 7471B	1,7471B	EA
Nickel, Total	3.75		mg/kg	2.08	0.202	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Potassium, Total	699		mg/kg	208	12.0	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.67	0.215	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.833	0.236	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Sodium, Total	418		mg/kg	167	2.62	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.67	0.262	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Vanadium, Total	2.96		mg/kg	0.833	0.169	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB
Zinc, Total	412		mg/kg	4.16	0.244	2	12/18/17 19:50	12/19/17 21:38	EPA 3050B	1,6010C	AB

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1746394

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1073907-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/18/17 21:45	12/18/17 23:36	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1074097-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Arsenic, Total	0.108	J	mg/kg	0.400	0.083	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Iron, Total	0.404	J	mg/kg	2.00	0.361	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Potassium, Total	ND		mg/kg	100	5.76	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/18/17 19:50	12/19/17 19:32	1,6010C	AB

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1073907-2 SRM Lot Number: D098-540								
Mercury, Total	117		-		50-149	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1074097-2 SRM Lot Number: D098-540					
Aluminum, Total	69	-	47-153	-	
Antimony, Total	131	-	6-194	-	
Arsenic, Total	89	-	83-117	-	
Barium, Total	84	-	82-118	-	
Beryllium, Total	89	-	83-117	-	
Cadmium, Total	100	-	82-117	-	
Calcium, Total	94	-	81-118	-	
Chromium, Total	86	-	83-119	-	
Cobalt, Total	105	-	84-116	-	
Copper, Total	88	-	84-116	-	
Iron, Total	83	-	60-140	-	
Lead, Total	85	-	82-117	-	
Magnesium, Total	76	-	76-124	-	
Manganese, Total	96	-	82-118	-	
Nickel, Total	101	-	82-117	-	
Potassium, Total	79	-	69-131	-	
Selenium, Total	97	-	78-121	-	
Silver, Total	89	-	80-120	-	
Sodium, Total	100	-	74-126	-	
Thallium, Total	94	-	80-119	-	
Vanadium, Total	86	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1746394

Report Date: 02/09/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1074097-2 SRM Lot Number: D098-540					
Zinc, Total	89	-	81-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1073907-3 QC Sample: L1746194-07 Client ID: MS Sample												
Mercury, Total	0.34	0.198	0.48	**70**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1074097-3 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1										
Aluminum, Total	607.	164	1050	**270**	Q	-	-	75-125	-	20
Antimony, Total	ND	41.1	41.2	100		-	-	75-125	-	20
Arsenic, Total	0.298J	9.86	11.8	120		-	-	75-125	-	20
Barium, Total	3.94	164	158	94		-	-	75-125	-	20
Beryllium, Total	0.041J	4.11	3.22	78		-	-	75-125	-	20
Cadmium, Total	ND	4.19	3.45	82		-	-	75-125	-	20
Calcium, Total	208000	822	201000	**0**	Q	-	-	75-125	-	20
Chromium, Total	1.76	16.4	16.0	87		-	-	75-125	-	20
Cobalt, Total	1.12J	41.1	34.3	83		-	-	75-125	-	20
Copper, Total	2.45	20.5	24.6	108		-	-	75-125	-	20
Iron, Total	3710	82.2	4620	**1110**	Q	-	-	75-125	-	20
Lead, Total	13.9	41.9	52.0	91		-	-	75-125	-	20
Magnesium, Total	35700	822	40900	**633**	Q	-	-	75-125	-	20
Manganese, Total	430.	41.1	511	**197**	Q	-	-	75-125	-	20
Nickel, Total	1.91J	41.1	34.4	84		-	-	75-125	-	20
Potassium, Total	453.	822	1440	120		-	-	75-125	-	20
Selenium, Total	ND	9.86	10.5	106		-	-	75-125	-	20
Silver, Total	ND	24.6	31.3	**127**	Q	-	-	75-125	-	20
Sodium, Total	302.	822	1250	115		-	-	75-125	-	20
Thallium, Total	ND	9.86	7.12	**72**	Q	-	-	75-125	-	20
Vanadium, Total	1.96	41.1	39.9	92		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1074097-3 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1										
Zinc, Total	32.1	41.1	51.3	**47**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1073907-4 QC Sample: L1746194-07 Client ID: DUP Sample						
Mercury, Total	0.34	0.30	mg/kg	13		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1074097-4 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1						
Aluminum, Total	607.	560	mg/kg	8		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	0.298J	ND	mg/kg	NC		20
Barium, Total	3.94	4.18	mg/kg	6		20
Beryllium, Total	0.041J	0.032J	mg/kg	NC		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	1.76	1.84	mg/kg	4		20
Cobalt, Total	1.12J	1.02J	mg/kg	NC		20
Copper, Total	2.45	2.36	mg/kg	4		20
Iron, Total	3710	3880	mg/kg	4		20
Lead, Total	13.9	18.6	mg/kg	**29**	Q	20
Magnesium, Total	35700	47200	mg/kg	**28**	Q	20
Manganese, Total	430.	501	mg/kg	15		20
Nickel, Total	1.91J	1.87J	mg/kg	NC		20
Potassium, Total	453.	411	mg/kg	10		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	302.	330	mg/kg	9		20
Thallium, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1074097-4 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1					
Vanadium, Total	1.96	1.95	mg/kg	1	20
Zinc, Total	32.1	32.3	mg/kg	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1074097-4 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1					
Calcium, Total	208000	187000	mg/kg	11	20

INORGANICS
&
MISCELLANEOUS

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-01
Client ID: DRY SCREENINGS_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 12/15/17 09:40
Date Received: 12/15/17
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	95.6		%	0.100	NA	1	-	12/16/17 07:39	121,2540G	RI

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1746394
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1746394-02
Client ID: CRUSHER RUN#2_1
Sample Location: Not Specified
Sample Depth:
Matrix: Soil

Date Collected: 12/15/17 09:50
Date Received: 12/15/17
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	94.6		%	0.100	NA	1	-	12/16/17 07:39	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1073455-1 QC Sample: L1746394-01 Client ID: DRY SCREENINGS_1						
Solids, Total	95.6	95.4	%	0		20

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746394-01A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1746394-01B	Vial water preserved	A	NA		2.6	Y	Absent	16-DEC-17 09:57	NYTCL-8260HLW(14)
L1746394-01C	Vial water preserved	A	NA		2.6	Y	Absent	16-DEC-17 09:57	NYTCL-8260HLW(14)
L1746394-01D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1746394-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	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),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)
L1746394-01F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)
L1746394-02A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L1746394-02B	Vial water preserved	A	NA		2.6	Y	Absent	16-DEC-17 09:57	NYTCL-8260HLW(14)
L1746394-02C	Vial water preserved	A	NA		2.6	Y	Absent	16-DEC-17 09:57	NYTCL-8260HLW(14)
L1746394-02D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L1746394-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	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),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)
L1746394-02F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1746394
Project Number:	2161270.031	**Report Date:**	02/09/18

GLOSSARY

Acronyms

EDL	- Estimated 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 EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1746394
Project Number:	2161270.031	**Report Date:**	02/09/18

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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 lower value for the two columns 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.

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.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1746394
Project Number:	2161270.031	**Report Date:**	02/09/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 12/16/17

ALPHA Job #: L1746394

Client Information
Client: LaBella Associates, DPC
Address: 300 State Street, Rochester, NY 14614
Phone: 585-278-8202
Fax:
Email: ehetwiller@labellapc.com

Project Information
Project Name: NYSEG LOCKPORT STATE ROAD FORMER MGP SITE
Project Location:
Project # 2161270.031
(Use Project name as Project #) ☐
Project Manager:
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 2

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Analysis for each sample per DER-10 import criteria Table 5.4(e)10

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC Terracore	TAL Metals	TCL SVOCs 8270D, PCBs 8082A, TCL Pesticides 8081B	Sample Specific Comments	Total Bottle
46931-01	Dry Screenings_1	12/15/17	9:40	SOIL	KB	X	X	X		6
02	Crusher Run #2_1	12/15/17	9:50	SOIL	KB	X	X	X		6

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Katherine Brown	12/15/17 10:50	Jacquelyn Tilley (AAL)	12/15/17 10:50
Jacquelyn Tilley	12/15/17 10:50		12/16/17 0345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1804333
Client:	LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614
ATTN:	Christie Sobol
Phone:	(585) 454-6110
Project Name:	NYSEG LOCKPORT STATE RD FMR
Project Number:	2161270.031
Report Date:	02/09/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1804333
Report Date: 02/09/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1804333-01	DRY SCREENINGS_1	SOLID	LOCKPORT, NY	02/02/18 14:00	02/07/18
L1804333-02	CRUSHER RUN #2_1	SOLID	LOCKPORT, NY	02/02/18 14:15	02/07/18

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1804333
Project Number:	2161270.031	**Report Date:**	02/09/18

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1804333
Project Number:	2161270.031	**Report Date:**	02/09/18

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.

Sample Receipt

The analyses performed were specified by the client.

Cyanide, Total

The WG1087619-2 LCS recovery (74%), associated with L1804333-01 and -02, is outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1087619-4 MS recovery (30%), performed on L1804333-01, is outside the acceptance criteria; however, the associated LCS recovery is within criteria. No further action was taken.

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: Amita Naik

Title: Technical Director/Representative Date: 02/09/18

INORGANICS
&
MISCELLANEOUS

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1804333
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1804333-01
Client ID: DRY SCREENINGS_1
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Solid

Date Collected: 02/02/18 14:00
Date Received: 02/07/18
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	96.2		%	0.100	NA	1	-	02/08/18 11:23	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/08/18 13:15	02/08/18 16:18	121,4500CN-CE	LH

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031
Lab Number: L1804333
Report Date: 02/09/18

SAMPLE RESULTS

Lab ID: L1804333-02
Client ID: CRUSHER RUN #2_1
Sample Location: LOCKPORT, NY
Sample Depth:
Matrix: Solid

Date Collected: 02/02/18 14:15
Date Received: 02/07/18
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	93.2		%	0.100	NA	1	-	02/08/18 11:23	121,2540G	RI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	02/08/18 13:15	02/08/18 16:24	121,4500CN-CE	LH

Project Name: NYSEG LOCKPORT STATE RD FMR **Lab Number:** L1804333

Project Number: 2161270.031 **Report Date:** 02/09/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1087619-1										
Cyanide, Total	ND		mg/kg	0.89	0.19	1	02/08/18 13:15	02/08/18 16:00	121,4500CN-CE	LH

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR

Project Number: 2161270.031

Lab Number: L1804333

Report Date: 02/09/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1087619-2								
Cyanide, Total	**74**	Q	-		80-120	-		35

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1804333
Report Date: 02/09/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1087619-4 QC Sample: L1804333-01 Client ID: DRY SCREENINGS_1												
Cyanide, Total	ND	9.7	2.9	**30**	Q	-	-		65-135	-		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1804333
Report Date: 02/09/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1087619-3 QC Sample: L1804333-01 Client ID: DRY SCREENINGS_1						
Cyanide, Total	ND	ND	mg/kg	NC		35
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1087621-1 QC Sample: L1804174-01 Client ID: DUP Sample						
Solids, Total	92.1	92.4	%	0		20

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1804333
Report Date: 02/09/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804333-01A	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8151(14),TCN-4500(14),TS(7)
L1804333-02A	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8151(14),TCN-4500(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1804333
Project Number:	2161270.031	**Report Date:**	02/09/18

GLOSSARY

Acronyms

EDL	- Estimated 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 EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1804333
Project Number:	2161270.031	**Report Date:**	02/09/18

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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 lower value for the two columns 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.

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.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD FMR	**Lab Number:**	L1804333
Project Number:	2161270.031	**Report Date:**	02/09/18

REFERENCES

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/8/18

ALPHA Job #: L1804333

Client Information
Client: LaBella Associates
Address: 300 State St
Rochester, NY 14614
Phone: (585) 278-8202
Fax:
Email: edetwiler@labellapc.com

Project Information
Project Name: NYSEG Lockport - State Rd. Former MGP
Project Location: Site Lockport, NY
Project #: 2161270.031
(Use Project name as Project #) ☐
Project Manager: Christie Sobol
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☒ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 2161270.031

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Herbicides to include silvex, alpha chlordane

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Cyanide	Herbicides (including silvex, alpha chlordane)	Total Bottle
04333-01	Dry Screenings_1	2/2/18	14:00	solid	ED	X	X	1
-02	Crusher Run #2_1	2/2/18	14:15	↓	ED	X	X	1

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	G	G								
Preservative	A	A								

Relinquished By:	Date/Time	Received By:	Date/Time
	2/7/18 16:32		2-7-18 16:32
			2/8/18 0035

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1746621
Client:	LaBella Associates, P.C. 300 State Street Suite 201 Rochester, NY 14614
ATTN:	Christie Sobol
Phone:	(585) 454-6110
Project Name:	NYSEG LOCKPORT STATE RD. FMR
Project Number:	2161270.031
Report Date:	12/21/17

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1746621-01	TRENCH SPOILS-1	SOIL	LOCKPORT, NY	12/18/17 14:30	12/18/17

Project Name:	NYSEG LOCKPORT STATE RD. FMR	**Lab Number:**	L1746621
Project Number:	2161270.031	**Report Date:**	12/21/17

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 NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. 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. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. 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. All specific QC 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. 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 (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar 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. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	NYSEG LOCKPORT STATE RD. FMR	**Lab Number:**	L1746621
Project Number:	2161270.031	**Report Date:**	12/21/17

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.

Total Metals

L1746621-01: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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: Kelly Stenstrom

Title: Technical Director/Representative Date: 12/21/17

ORGANICS

VOLATILES

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:48
Analyst: MM
Percent Solids: 88%
TCLP/SPLP Ext. Date: 12/20/17 14:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
dibromofluoromethane	106		70-130

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified

Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/17 15:30
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.22	1
Chloroform	ND		ug/kg	1.2	0.31	1
Carbon tetrachloride	ND		ug/kg	0.84	0.29	1
1,2-Dichloropropane	ND		ug/kg	2.9	0.19	1
Dibromochloromethane	ND		ug/kg	0.84	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.26	1
Tetrachloroethene	0.37	J	ug/kg	0.84	0.25	1
Chlorobenzene	ND		ug/kg	0.84	0.29	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.29	1
Bromodichloromethane	ND		ug/kg	0.84	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.19	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.25	1
Benzene	ND		ug/kg	0.84	0.16	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.84	0.14	1
Chloromethane	ND		ug/kg	4.2	0.36	1
Bromomethane	ND		ug/kg	1.7	0.28	1
Vinyl chloride	ND		ug/kg	1.7	0.26	1
Chloroethane	ND		ug/kg	1.7	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Trichloroethene	ND		ug/kg	0.84	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.15	1

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01 Date Collected: 12/18/17 14:30

Client ID: TRENCH SPOILS-1 Date Received: 12/18/17

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1.7	0.13	1
p/m-Xylene	ND		ug/kg	1.7	0.29	1
o-Xylene	ND		ug/kg	1.7	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.28	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.42	1
Acetone	ND		ug/kg	8.4	1.9	1
Carbon disulfide	ND		ug/kg	8.4	0.92	1
2-Butanone	ND		ug/kg	8.4	0.58	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	0.20	1
2-Hexanone	ND		ug/kg	8.4	0.56	1
1,2-Dibromoethane	ND		ug/kg	3.3	0.17	1
n-Butylbenzene	ND		ug/kg	0.84	0.19	1
sec-Butylbenzene	ND		ug/kg	0.84	0.18	1
tert-Butylbenzene	ND		ug/kg	4.2	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.33	1
Isopropylbenzene	ND		ug/kg	0.84	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.17	1
Naphthalene	1.6	J	ug/kg	4.2	0.12	1
n-Propylbenzene	ND		ug/kg	0.84	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.2	0.13	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.2	0.16	1
Methyl Acetate	ND		ug/kg	17	0.39	1
Cyclohexane	ND		ug/kg	17	0.36	1
Freon-113	ND		ug/kg	17	0.43	1
Methyl cyclohexane	ND		ug/kg	3.3	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/17 08:17
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1074397-5					
Methylene chloride	ND		ug/kg	10	1.6
1,1-Dichloroethane	ND		ug/kg	1.5	0.27
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.34
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.18
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31
Tetrachloroethene	ND		ug/kg	1.0	0.30
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.42
1,2-Dichloroethane	ND		ug/kg	1.0	0.25
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.35
Bromodichloromethane	ND		ug/kg	1.0	0.31
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.23
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	ND		ug/kg	5.0	0.44
Bromomethane	0.43	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.32
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.37
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24
Trichloroethene	ND		ug/kg	1.0	0.30
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.22

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/17 08:17
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1074397-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.18
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.34
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.50
Acetone	ND		ug/kg	10	2.3
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.69
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
1,2-Dibromoethane	ND		ug/kg	4.0	0.20
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	0.42	J	ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.22
1,3,5-Trimethylbenzene	0.20	J	ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	0.24	J	ug/kg	5.0	0.19
Methyl Acetate	ND		ug/kg	20	0.46
Cyclohexane	ND		ug/kg	20	0.43
Freon-113	ND		ug/kg	20	0.51
Methyl cyclohexane	ND		ug/kg	4.0	0.24

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/17 08:17
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG1074397-5					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/21/17 08:17
Analyst: MM
TCLP/SPLP Extraction Date: 12/20/17 14:30

Extraction Date: 12/20/17 14:30

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1075367-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	113		70-130
dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1074397-3 WG1074397-4								
Methylene chloride	81		81		70-130	0		30
1,1-Dichloroethane	110		110		70-130	0		30
Chloroform	100		99		70-130	1		30
Carbon tetrachloride	101		100		70-130	1		30
1,2-Dichloropropane	115		115		70-130	0		30
Dibromochloromethane	91		93		70-130	2		30
1,1,2-Trichloroethane	91		94		70-130	3		30
Tetrachloroethene	87		86		70-130	1		30
Chlorobenzene	87		87		70-130	0		30
Trichlorofluoromethane	90		87		70-139	3		30
1,2-Dichloroethane	111		115		70-130	4		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	100		102		70-130	2		30
trans-1,3-Dichloropropene	96		99		70-130	3		30
cis-1,3-Dichloropropene	108		109		70-130	1		30
Bromoform	86		90		70-130	5		30
1,1,2,2-Tetrachloroethane	80		85		70-130	6		30
Benzene	97		97		70-130	0		30
Toluene	83		81		70-130	2		30
Ethylbenzene	85		84		70-130	1		30
Chloromethane	106		102		52-130	4		30
Bromomethane	108		104		57-147	4		30
Vinyl chloride	90		87		67-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1074397-3 WG1074397-4								
Chloroethane	102		98		50-151	4		30
1,1-Dichloroethene	94		92		65-135	2		30
trans-1,2-Dichloroethene	97		96		70-130	1		30
Trichloroethene	98		97		70-130	1		30
1,2-Dichlorobenzene	81		81		70-130	0		30
1,3-Dichlorobenzene	81		80		70-130	1		30
1,4-Dichlorobenzene	81		81		70-130	0		30
Methyl tert butyl ether	108		112		66-130	4		30
p/m-Xylene	87		86		70-130	1		30
o-Xylene	90		90		70-130	0		30
cis-1,2-Dichloroethene	100		101		70-130	1		30
Styrene	86		86		70-130	0		30
Dichlorodifluoromethane	77		75		30-146	3		30
Acetone	119		129		54-140	8		30
Carbon disulfide	93		93		59-130	0		30
2-Butanone	103		123		70-130	18		30
4-Methyl-2-pentanone	96		105		70-130	9		30
2-Hexanone	96		104		70-130	8		30
1,2-Dibromoethane	88		93		70-130	6		30
n-Butylbenzene	77		76		70-130	1		30
sec-Butylbenzene	78		76		70-130	3		30
tert-Butylbenzene	78		77		70-130	1		30
1,2-Dibromo-3-chloropropane	78		86		68-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG1074397-3 WG1074397-4								
Isopropylbenzene	80		78		70-130	3		30
p-Isopropyltoluene	79		77		70-130	3		30
Naphthalene	86		91		70-130	6		30
n-Propylbenzene	78		76		70-130	3		30
1,2,4-Trichlorobenzene	85		86		70-130	1		30
1,3,5-Trimethylbenzene	81		80		70-130	1		30
1,2,4-Trimethylbenzene	82		80		70-130	2		30
Methyl Acetate	122		133		51-146	9		30
Cyclohexane	115		114		59-142	1		30
Freon-113	95		92		50-139	3		30
Methyl cyclohexane	95		95		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		106		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	104		103		70-130
Dibromofluoromethane	106		108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1075367-3 WG1075367-4								
Chloroform	120		110		70-130	9		20
Carbon tetrachloride	100		110		63-132	10		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		100		75-130	10		25
1,2-Dichloroethane	120		110		70-130	9		20
Benzene	110		110		70-130	0		25
Vinyl chloride	93		88		55-140	6		20
1,1-Dichloroethene	120		120		61-145	0		25
Trichloroethene	110		110		70-130	0		25
1,4-Dichlorobenzene	100		100		70-130	0		20
2-Butanone	110		84		63-138	**27**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		104		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	101		101		70-130
dibromofluoromethane	111		106		70-130

SEMIVOLATILES

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/17 15:36
Analyst: SZ
Percent Solids: 88%
TCLP/SPLP Ext. Date: 12/19/17 05:45

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/20/17 06:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	2.9	1
2,4-Dinitrotoluene	ND		ug/l	25	4.2	1
Hexachlorobutadiene	ND		ug/l	10	3.6	1
Hexachloroethane	ND		ug/l	10	3.4	1
Nitrobenzene	ND		ug/l	10	3.8	1
2,4,6-Trichlorophenol	ND		ug/l	25	3.4	1
Pentachlorophenol	ND		ug/l	50	17.	1
2-Methylphenol	ND		ug/l	25	5.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6	1
2,4,5-Trichlorophenol	ND		ug/l	25	3.6	1
Pyridine	ND		ug/l	18	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		21-120
Phenol-d6	67		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	84		33-120

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/17 07:22
Analyst: CB
Percent Solids: 88%

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 07:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	2900		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	28	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1600		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	46.	1
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	660		ug/kg	110	30.	1

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01 Date Collected: 12/18/17 14:30

Client ID: TRENCH SPOILS-1 Date Received: 12/18/17

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	1500		ug/kg	110	19.	1
Acenaphthylene	180		ug/kg	150	29.	1
Anthracene	600		ug/kg	110	36.	1
Benzo(ghi)perylene	900		ug/kg	150	22.	1
Fluorene	200		ug/kg	190	18.	1
Phenanthrene	1800		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	260		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1000		ug/kg	150	26.	1
Pyrene	2400		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	97	J	ug/kg	190	18.	1
2-Methylnaphthalene	59	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	93	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	50.	1
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01 Date Collected: 12/18/17 14:30

Client ID: TRENCH SPOILS-1 Date Received: 12/18/17

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	54		18-120

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/17 02:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/18/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1073933-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/17 02:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/18/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1073933-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/17 02:21
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/18/17 12:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1073933-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	87		18-120

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/17 13:53
Analyst: RC
TCLP/SPLP Extraction Date: 12/19/17 05:45

Extraction Method: EPA 3510C
Extraction Date: 12/20/17 06:10

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1074734-1					
Hexachlorobenzene	ND		ug/l	10	2.9
2,4-Dinitrotoluene	ND		ug/l	25	4.2
Hexachlorobutadiene	ND		ug/l	10	3.6
Hexachloroethane	ND		ug/l	10	3.4
Nitrobenzene	ND		ug/l	10	3.8
2,4,6-Trichlorophenol	ND		ug/l	25	3.4
Pentachlorophenol	ND		ug/l	50	17.
2-Methylphenol	ND		ug/l	25	5.1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	5.6
2,4,5-Trichlorophenol	ND		ug/l	25	3.6
Pyridine	ND		ug/l	18	9.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	103		21-120
Phenol-d6	96		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	112		15-120
2,4,6-Tribromophenol	**134**	Q	10-120
4-Terphenyl-d14	113		33-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1073933-2 WG1073933-3								
Acenaphthene	79		70		31-137	12		50
Hexachlorobenzene	87		72		40-140	19		50
Bis(2-chloroethyl)ether	66		65		40-140	2		50
2-Chloronaphthalene	82		76		40-140	8		50
3,3'-Dichlorobenzidine	63		48		40-140	27		50
2,4-Dinitrotoluene	95		80		40-132	17		50
2,6-Dinitrotoluene	96		85		40-140	12		50
Fluoranthene	90		75		40-140	18		50
4-Chlorophenyl phenyl ether	86		74		40-140	15		50
4-Bromophenyl phenyl ether	89		74		40-140	18		50
Bis(2-chloroisopropyl)ether	65		63		40-140	3		50
Bis(2-chloroethoxy)methane	71		69		40-117	3		50
Hexachlorobutadiene	80		77		40-140	4		50
Hexachlorocyclopentadiene	80		72		40-140	11		50
Hexachloroethane	65		66		40-140	2		50
Isophorone	73		69		40-140	6		50
Naphthalene	76		72		40-140	5		50
Nitrobenzene	74		68		40-140	8		50
NDPA/DPA	89		73		36-157	20		50
n-Nitrosodi-n-propylamine	74		70		32-121	6		50
Bis(2-ethylhexyl)phthalate	100		83		40-140	19		50
Butyl benzyl phthalate	97		79		40-140	20		50
Di-n-butylphthalate	94		78		40-140	19		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1073933-2 WG1073933-3								
Di-n-octylphthalate	95		78		40-140	20		50
Diethyl phthalate	87		71		40-140	20		50
Dimethyl phthalate	91		78		40-140	15		50
Benzo(a)anthracene	89		74		40-140	18		50
Benzo(a)pyrene	92		78		40-140	16		50
Benzo(b)fluoranthene	89		76		40-140	16		50
Benzo(k)fluoranthene	90		76		40-140	17		50
Chrysene	87		73		40-140	18		50
Acenaphthylene	85		78		40-140	9		50
Anthracene	90		74		40-140	20		50
Benzo(ghi)perylene	94		79		40-140	17		50
Fluorene	83		73		40-140	13		50
Phenanthrene	86		72		40-140	18		50
Dibenzo(a,h)anthracene	94		78		40-140	19		50
Indeno(1,2,3-cd)pyrene	96		81		40-140	17		50
Pyrene	88		72		35-142	20		50
Biphenyl	87		80		54-104	8		50
4-Chloroaniline	63		46		40-140	31		50
2-Nitroaniline	99		86		47-134	14		50
3-Nitroaniline	73		60		26-129	20		50
4-Nitroaniline	83		68		41-125	20		50
Dibenzofuran	82		72		40-140	13		50
2-Methylnaphthalene	77		72		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1073933-2 WG1073933-3								
1,2,4,5-Tetrachlorobenzene	86		80		40-117	7		50
Acetophenone	76		72		14-144	5		50
2,4,6-Trichlorophenol	92		80		30-130	14		50
p-Chloro-m-cresol	94		81		26-103	15		50
2-Chlorophenol	76		74		25-102	3		50
2,4-Dichlorophenol	83		77		30-130	8		50
2,4-Dimethylphenol	79		74		30-130	7		50
2-Nitrophenol	88		85		30-130	3		50
4-Nitrophenol	101		72		11-114	34		50
2,4-Dinitrophenol	68		50		4-130	31		50
4,6-Dinitro-o-cresol	105		80		10-130	27		50
Pentachlorophenol	75		61		17-109	21		50
Phenol	71		68		26-90	4		50
2-Methylphenol	76		70		30-130.	8		50
3-Methylphenol/4-Methylphenol	77		72		30-130	7		50
2,4,5-Trichlorophenol	96		82		30-130	16		50
Carbazole	90		74		54-128	20		50
Atrazine	102		80		40-140	24		50
Benzaldehyde	60		58		40-140	3		50
Caprolactam	100		85		15-130	16		50
2,3,4,6-Tetrachlorophenol	98		79		40-140	21		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1073933-2 WG1073933-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		72		25-120
Phenol-d6	78		75		10-120
Nitrobenzene-d5	73		72		23-120
2-Fluorobiphenyl	85		77		30-120
2,4,6-Tribromophenol	101		81		10-136
4-Terphenyl-d14	92		73		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1074734-2 WG1074734-3								
Hexachlorobenzene	100		85		40-140	16		30
2,4-Dinitrotoluene	114		96		40-132	17		30
Hexachlorobutadiene	89		79		28-111	12		30
Hexachloroethane	80		72		21-105	11		30
Nitrobenzene	95		84		40-140	12		30
2,4,6-Trichlorophenol	108		90		30-130	18		30
Pentachlorophenol	**105**	Q	88		9-103	18		30
2-Methylphenol	92		81		30-130	13		30
3-Methylphenol/4-Methylphenol	96		85		30-130	12		30
2,4,5-Trichlorophenol	109		93		30-130	16		30
Pyridine	54		54		10-66	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		81		21-120
Phenol-d6	87		78		10-120
Nitrobenzene-d5	101		88		23-120
2-Fluorobiphenyl	98		85		15-120
2,4,6-Tribromophenol	120		101		10-120
4-Terphenyl-d14	100		86		33-120

PCBS

Project Name: NYSEG LOCKPORT STATE RD. FMR
Lab Number: L1746621
Project Number: 2161270.031
Report Date: 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/20/17 13:52
Analyst: HT
Percent Solids: 88%

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 10:53
Cleanup Method: EPA 3665A
Cleanup Date: 12/20/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.59	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.50	1	A
Aroclor 1248	ND		ug/kg	36.7	4.12	1	A
Aroclor 1254	15.6	J	ug/kg	36.7	3.00	1	B
Aroclor 1260	ND		ug/kg	36.7	3.83	1	A
Aroclor 1262	ND		ug/kg	36.7	3.02	1	A
Aroclor 1268	ND		ug/kg	36.7	2.60	1	A
PCBs, Total	15.6	J	ug/kg	36.7	2.60	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/19/17 10:40
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 12/18/17 23:53
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/17
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1074156-1						
Aroclor 1016	ND		ug/kg	31.3	3.55	A
Aroclor 1221	ND		ug/kg	31.3	4.76	A
Aroclor 1232	ND		ug/kg	31.3	3.08	A
Aroclor 1242	ND		ug/kg	31.3	3.83	A
Aroclor 1248	ND		ug/kg	31.3	3.51	A
Aroclor 1254	ND		ug/kg	31.3	2.55	A
Aroclor 1260	ND		ug/kg	31.3	3.27	A
Aroclor 1262	ND		ug/kg	31.3	2.57	A
Aroclor 1268	ND		ug/kg	31.3	2.22	A
PCBs, Total	ND		ug/kg	31.3	2.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1074156-2 WG1074156-3									
Aroclor 1016	67		71		40-140	6		50	A
Aroclor 1260	56		63		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		85		30-150	A
Decachlorobiphenyl	53		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		85		30-150	B
Decachlorobiphenyl	69		75		30-150	B

PESTICIDES

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/20/17 12:22
Analyst: KEG
Percent Solids: 88%
TCLP/SPLP Ext. Date: 12/19/17 05:45

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/20/17 03:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	114		30-150	A
Decachlorobiphenyl	115		30-150	A
2,4,5,6-Tetrachloro-m-xylene	115		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 12/20/17 14:08
Analyst: KEG
Percent Solids: 88%

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/19/17 11:40
Cleanup Method: EPA 3620B
Cleanup Date: 12/20/17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.750	0.336	1	A
Alpha-BHC	ND		ug/kg	0.750	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	1.30	J	ug/kg	3.38	1.01	1	A
Endrin	1.75	PI	ug/kg	0.750	0.308	1	B
Endrin aldehyde	ND		ug/kg	2.25	0.788	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.12	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.416	1	A
4,4'-DDD	2.90		ug/kg	1.80	0.642	1	A
4,4'-DDT	13.2	P	ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.750	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.627	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	146		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	120		30-150	A

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/20/17 16:20
Analyst: SL
Percent Solids: 88%
TCLP/SPLP Ext. Date: 12/19/17 05:45
Methylation Date: 12/20/17 11:30

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 12/20/17 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	39		30-150	A
DCAA	33		30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY

Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 12/21/17 13:40
Analyst: SL
Percent Solids: 88%
Methylation Date: 12/21/17 10:49

Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified
Extraction Method: EPA 8151A
Extraction Date: 12/20/17 03:02

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	184	11.6	1	A
2,4,5-T	ND		ug/kg	184	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	184	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	82		30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/19/17 12:33
Analyst: CD

Extraction Method: EPA 3546
Extraction Date: 12/18/17 22:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/19/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1074141-1						
Delta-BHC	ND		ug/kg	1.60	0.313	A
Lindane	ND		ug/kg	0.666	0.298	A
Alpha-BHC	ND		ug/kg	0.666	0.189	A
Beta-BHC	ND		ug/kg	1.60	0.606	A
Heptachlor	ND		ug/kg	0.799	0.358	A
Aldrin	ND		ug/kg	1.60	0.562	A
Heptachlor epoxide	ND		ug/kg	3.00	0.899	A
Endrin	ND		ug/kg	0.666	0.273	A
Endrin aldehyde	ND		ug/kg	2.00	0.699	A
Endrin ketone	ND		ug/kg	1.60	0.411	A
Dieldrin	ND		ug/kg	0.999	0.499	A
4,4'-DDE	ND		ug/kg	1.60	0.370	A
4,4'-DDD	ND		ug/kg	1.60	0.570	A
4,4'-DDT	ND		ug/kg	3.00	1.28	A
Endosulfan I	ND		ug/kg	1.60	0.377	A
Endosulfan II	ND		ug/kg	1.60	0.534	A
Endosulfan sulfate	ND		ug/kg	0.666	0.317	A
Methoxychlor	ND		ug/kg	3.00	0.932	A
Toxaphene	ND		ug/kg	30.0	8.39	A
cis-Chlordane	ND		ug/kg	2.00	0.556	A
trans-Chlordane	ND		ug/kg	2.00	0.527	A
Chlordane	ND		ug/kg	13.0	5.29	A

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/19/17 12:33
Analyst: CD

Extraction Method: EPA 3546
Extraction Date: 12/18/17 22:09
Cleanup Method: EPA 3620B
Cleanup Date: 12/19/17

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1074141-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	81		30-150	A

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/20/17 14:03
Analyst: SL
TCLP/SPLP Extraction Date: 12/19/17 05:45
Methylation Date: 12/20/17 11:30

Extraction Method: EPA 8151A
Extraction Date: 12/20/17 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1074691-1						
2,4-D	ND		mg/l	0.025	0.001	B
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	30		30-150	A
DCAA	**25**	Q	30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 12/20/17 13:51
Analyst: SL

Extraction Method: EPA 8151A
Extraction Date: 12/19/17 21:43

Methylation Date: 12/20/17 13:35

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1074707-1						
2,4-D	ND		ug/kg	164	10.3	A
2,4,5-T	ND		ug/kg	164	5.09	A
2,4,5-TP (Silvex)	ND		ug/kg	164	4.37	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	99		30-150	A
DCAA	80		30-150	B

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 12/20/17 11:31
Analyst: KEG
TCLP/SPLP Extraction Date: 12/19/17 05:45

Extraction Method: EPA 3510C
Extraction Date: 12/20/17 03:52

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1074710-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	101		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1074141-2 WG1074141-3									
Delta-BHC	91		101		30-150	10		30	A
Lindane	83		97		30-150	16		30	A
Alpha-BHC	92		104		30-150	12		30	A
Beta-BHC	85		97		30-150	13		30	A
Heptachlor	87		97		30-150	11		30	A
Aldrin	84		96		30-150	13		30	A
Heptachlor epoxide	73		82		30-150	12		30	A
Endrin	79		90		30-150	13		30	A
Endrin aldehyde	70		78		30-150	11		30	A
Endrin ketone	76		86		30-150	12		30	A
Dieldrin	88		101		30-150	14		30	A
4,4'-DDE	88		102		30-150	15		30	A
4,4'-DDD	82		95		30-150	15		30	A
4,4'-DDT	84		97		30-150	14		30	A
Endosulfan I	82		93		30-150	13		30	A
Endosulfan II	80		90		30-150	12		30	A
Endosulfan sulfate	70		81		30-150	15		30	A
Methoxychlor	73		84		30-150	14		30	A
cis-Chlordane	70		81		30-150	15		30	A
trans-Chlordane	77		85		30-150	10		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1074141-2 WG1074141-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		100		30-150	B
Decachlorobiphenyl	85		96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	91		99		30-150	A
Decachlorobiphenyl	68		78		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1074691-2 WG1074691-3									
2,4-D	60		61		30-150	2		25	B
2,4,5-TP (Silvex)	38		38		30-150	0		25	B

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	41		38		30-150	A
DCAA	35		34		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1074707-2 WG1074707-3									
2,4-D	118		113		30-150	4		30	A
2,4,5-T	83		83		30-150	0		30	A
2,4,5-TP (Silvex)	94		92		30-150	2		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	103		95		30-150	A
DCAA	83		78		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1074710-2 WG1074710-3									
Lindane	113		123		30-150	8		20	A
Heptachlor	116		126		30-150	8		20	A
Heptachlor epoxide	125		136		30-150	8		20	A
Endrin	127		138		30-150	8		20	A
Methoxychlor	130		142		30-150	9		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	125		120		30-150	A
Decachlorobiphenyl	136		131		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		123		30-150	B
Decachlorobiphenyl	110		122		30-150	B

METALS

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01 Date Collected: 12/18/17 14:30

Client ID: TRENCH SPOILS-1 Date Received: 12/18/17

Sample Location: LOCKPORT, NY Field Prep: Not Specified

Matrix: Soil TCLP/SPLP Ext. Date: 12/19/17 05:45

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Barium, TCLP	0.611		mg/l	0.500	0.021	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/20/17 11:57	12/20/17 21:12	EPA 7470A	1,7470A	EA
Selenium, TCLP	ND		mg/l	0.500	0.035	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	12/20/17 12:31	12/20/17 23:08	EPA 3015	1,6010C	AB

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01 Date Collected: 12/18/17 14:30

Client ID: TRENCH SPOILS-1 Date Received: 12/18/17

Sample Location: LOCKPORT, NY 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 - Mansfield Lab											
Aluminum, Total	4700		mg/kg	8.61	2.32	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Antimony, Total	0.818	J	mg/kg	4.30	0.327	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Arsenic, Total	3.56		mg/kg	0.861	0.179	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Barium, Total	78.8		mg/kg	0.861	0.150	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Beryllium, Total	0.241	J	mg/kg	0.430	0.028	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.861	0.084	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Calcium, Total	71900		mg/kg	8.61	3.01	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Chromium, Total	7.46		mg/kg	0.861	0.083	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Cobalt, Total	4.59		mg/kg	1.72	0.143	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Copper, Total	17.5		mg/kg	0.861	0.222	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Iron, Total	11200		mg/kg	4.30	0.777	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Lead, Total	33.9		mg/kg	4.30	0.231	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Magnesium, Total	17400		mg/kg	8.61	1.32	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Manganese, Total	641		mg/kg	0.861	0.137	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Mercury, Total	0.15		mg/kg	0.07	0.02	1	12/20/17 08:00	12/20/17 20:28	EPA 7471B	1,7471B	EA
Nickel, Total	9.50		mg/kg	2.15	0.208	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Potassium, Total	622		mg/kg	215	12.4	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.72	0.222	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.861	0.244	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Sodium, Total	109	J	mg/kg	172	2.71	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.72	0.271	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Vanadium, Total	11.4		mg/kg	0.861	0.175	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS
Zinc, Total	37.4		mg/kg	4.30	0.252	2	12/20/17 07:40	12/20/17 12:39	EPA 3050B	1,6010C	PS

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1074666-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Barium, Total	ND		mg/kg	0.400	0.070	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Calcium, Total	1.44	J	mg/kg	4.00	1.40	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Copper, Total	ND		mg/kg	0.400	0.103	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Iron, Total	1.02	J	mg/kg	2.00	0.361	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Potassium, Total	ND		mg/kg	100	5.76	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/20/17 07:40	12/20/17 11:23	1,6010C	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1074717-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/20/17 08:00	12/20/17 19:33	1,7471B	EA

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1074933-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Barium, TCLP	0.022	J	mg/l	0.500	0.021	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Chromium, TCLP	ND		mg/l	0.200	0.021	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Lead, TCLP	ND		mg/l	0.500	0.027	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Selenium, TCLP	ND		mg/l	0.500	0.035	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB
Silver, TCLP	ND		mg/l	0.100	0.028	1	12/20/17 12:31	12/20/17 22:36	1,6010C	AB

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 12/19/17 05:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1074938-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0003	1	12/20/17 11:57	12/20/17 21:09	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 12/19/17 05:45

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1074666-2 SRM Lot Number: D098-540								
Aluminum, Total	71		-		47-153	-		
Antimony, Total	137		-		6-194	-		
Arsenic, Total	87		-		83-117	-		
Barium, Total	85		-		82-118	-		
Beryllium, Total	91		-		83-117	-		
Cadmium, Total	89		-		82-117	-		
Calcium, Total	83		-		81-118	-		
Chromium, Total	88		-		83-119	-		
Cobalt, Total	90		-		84-116	-		
Copper, Total	85		-		84-116	-		
Iron, Total	88		-		60-140	-		
Lead, Total	83		-		82-117	-		
Magnesium, Total	78		-		76-124	-		
Manganese, Total	87		-		82-118	-		
Nickel, Total	87		-		82-117	-		
Potassium, Total	84		-		69-131	-		
Selenium, Total	88		-		78-121	-		
Silver, Total	89		-		80-120	-		
Sodium, Total	89		-		74-126	-		
Thallium, Total	92		-		80-119	-		
Vanadium, Total	86		-		79-121	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1074666-2 SRM Lot Number: D098-540					
Zinc, Total	88	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1074717-2 SRM Lot Number: D098-540					
Mercury, Total	109	-	50-149	-	
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1074933-2					
Arsenic, TCLP	103	-	75-125	-	20
Barium, TCLP	92	-	75-125	-	20
Cadmium, TCLP	101	-	75-125	-	20
Chromium, TCLP	94	-	75-125	-	20
Lead, TCLP	97	-	75-125	-	20
Selenium, TCLP	108	-	75-125	-	20
Silver, TCLP	91	-	75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1074938-2					
Mercury, TCLP	106	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074666-3 QC Sample: L1746885-02 Client ID: MS Sample												
Aluminum, Total	9280	178	11100	**1020**	Q	-	-		75-125	-		20
Antimony, Total	0.919J	44.6	36.3	81		-	-		75-125	-		20
Arsenic, Total	6.34	10.7	16.7	97		-	-		75-125	-		20
Barium, Total	65.7	178	220	86		-	-		75-125	-		20
Beryllium, Total	0.438	4.46	4.27	86		-	-		75-125	-		20
Cadmium, Total	ND	4.54	2.19	**48**	Q	-	-		75-125	-		20
Calcium, Total	886.	891	2470	**178**	Q	-	-		75-125	-		20
Chromium, Total	12.8	17.8	28.4	88		-	-		75-125	-		20
Cobalt, Total	8.20	44.6	41.6	75		-	-		75-125	-		20
Copper, Total	15.6	22.3	37.4	98		-	-		75-125	-		20
Iron, Total	18500	89.1	20200	**1910**	Q	-	-		75-125	-		20
Lead, Total	11.5	45.4	43.0	**69**	Q	-	-		75-125	-		20
Magnesium, Total	3040	891	3900	96		-	-		75-125	-		20
Manganese, Total	508.	44.6	661	**343**	Q	-	-		75-125	-		20
Nickel, Total	19.3	44.6	53.4	76		-	-		75-125	-		20
Potassium, Total	594.	891	1350	85		-	-		75-125	-		20
Selenium, Total	ND	10.7	7.96	**74**	Q	-	-		75-125	-		20
Silver, Total	ND	26.7	24.4	91		-	-		75-125	-		20
Sodium, Total	155.	891	946	89		-	-		75-125	-		20
Thallium, Total	0.438J	10.7	8.15	76		-	-		75-125	-		20
Vanadium, Total	16.3	44.6	53.7	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074666-3 QC Sample: L1746885-02 Client ID: MS Sample											
Zinc, Total	51.1	44.6	88.0	83		-	-		75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074717-3 WG1074717-4 QC Sample: L1745804-04 Client ID: MS Sample											
Mercury, Total	ND	0.141	0.20	**142**	Q	0.20	**142**	Q	80-120	0	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074933-3 QC Sample: L1744829-03 Client ID: MS Sample											
Arsenic, TCLP	0.048J	1.2	1.28	107		-	-		75-125	-	20
Barium, TCLP	0.114J	20	18.8	94		-	-		75-125	-	20
Cadmium, TCLP	ND	0.51	0.517	101		-	-		75-125	-	20
Chromium, TCLP	ND	2	1.93	96		-	-		75-125	-	20
Lead, TCLP	0.160J	5.1	5.10	100		-	-		75-125	-	20
Selenium, TCLP	ND	1.2	1.30	108		-	-		75-125	-	20
Silver, TCLP	ND	0.5	0.465	93		-	-		75-125	-	20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074938-3 QC Sample: L1746621-01 Client ID: TRENCH SPOILS-1											
Mercury, TCLP	ND	0.025	0.0271	108		-	-		80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074666-4 QC Sample: L1746885-02 Client ID: DUP Sample						
Arsenic, Total	6.34	7.91	mg/kg	**22**	Q	20
Barium, Total	65.7	75.8	mg/kg	14		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	12.8	15.2	mg/kg	17		20
Lead, Total	11.5	14.0	mg/kg	20		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074933-4 QC Sample: L1744829-03 Client ID: DUP Sample						
Lead, TCLP	0.160J	0.141J	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1074938-4 QC Sample: L1746621-01 Client ID: TRENCH SPOILS-1						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY
Matrix: Soil
Date Collected: 12/18/17 14:30
Date Received: 12/18/17
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Soil
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	12/20/17 17:13	1,1030	JG

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031
Lab Number: L1746621
Report Date: 12/21/17

SAMPLE RESULTS

Lab ID: L1746621-01
Client ID: TRENCH SPOILS-1
Sample Location: LOCKPORT, NY
Matrix: Soil
Date Collected: 12/18/17 14:30
Date Received: 12/18/17
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		%	0.100	NA	1	-	12/19/17 13:41	121,2540G	RI
pH (H)	8.2		SU	-	NA	1	-	12/19/17 05:55	1,9045D	UN
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/19/17 04:50	12/19/17 08:56	125,7.3	JD
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/19/17 04:50	12/19/17 09:06	125,7.3	JD

Project Name: NYSEG LOCKPORT STATE RD. FMR **Lab Number:** L1746621

Project Number: 2161270.031 **Report Date:** 12/21/17

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1074201-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	12/19/17 04:50	12/19/17 09:05	125,7.3	JD
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1074202-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	12/19/17 04:50	12/19/17 08:56	125,7.3	JD

Lab Control Sample Analysis

Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR

Project Number: 2161270.031

Lab Number: L1746621

Report Date: 12/21/17

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1074201-2								
Sulfide, Reactive	80		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1074202-2								
Cyanide, Reactive	48		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1074236-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1074201-3 QC Sample: L1746561-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1074202-3 QC Sample: L1746561-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1074236-2 QC Sample: L1746561-01 Client ID: DUP Sample						
pH	8.4	8.6	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1074399-1 QC Sample: L1745939-08 Client ID: DUP Sample						
Solids, Total	30.5	30.2	%	1		20

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1746621-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L1746621-01B	Vial water preserved	A	NA		2.3	Y	Absent	19-DEC-17 06:49	NYTCL-8260HLW-R2(14)
L1746621-01C	Vial water preserved	A	NA		2.3	Y	Absent	19-DEC-17 06:49	NYTCL-8260HLW-R2(14)
L1746621-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1746621-01D1	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1746621-01D2	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L1746621-01E	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		TCLP-EXT-ZHE(14)
L1746621-01F	Glass 250ml/8oz unpreserved	A	NA		2.3	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),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)
L1746621-01G	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14)
L1746621-01H	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14)
L1746621-01I	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14)
L1746621-01J	Glass 500ml/16oz unpreserved	A	NA		2.3	Y	Absent		IGNIT-1030(14),NYTCL-8270(14),REACTS(14),HERB-APA(14),PH-9045(1),NYTCL-8081(14),NYTCL-8082(14),REACTCN(14)
L1746621-01S	Vial unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-VOA(14)
L1746621-01T	Vial unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-VOA(14)
L1746621-01W	Amber 1000ml unpreserved Extracts	A	NA		2.3	Y	Absent		TCLP-8270(14),HERB-TCLP*(14),PEST-TCLP*(14)

*Values in parentheses indicate holding time in days

Project Name: NYSEG LOCKPORT STATE RD. FMR
Project Number: 2161270.031

Lab Number: L1746621
Report Date: 12/21/17

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L1746621-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.3	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L1746621-01X9	Tumble Vessel	A	NA		2.3	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	NYSEG LOCKPORT STATE RD. FMR	**Lab Number:**	L1746621
Project Number:	2161270.031	**Report Date:**	12/21/17

GLOSSARY

Acronyms

EDL	- Estimated 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 EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
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.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
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.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

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 ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD. FMR	**Lab Number:**	L1746621
Project Number:	2161270.031	**Report Date:**	12/21/17

Data Qualifiers

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. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

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 lower value for the two columns 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.

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.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	NYSEG LOCKPORT STATE RD. FMR	**Lab Number:**	L1746621
Project Number:	2161270.031	**Report Date:**	12/21/17

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E.**

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/18/17

ALPHA Job #: L1746621

Client Information
Client: LaBella Associates
Address: 300 State St.
Rochester, NY 14614
Phone: (585) 454-6110
Fax:
Email: csobol@labellapc.com

Project Information
Project Name: NYSEG Lockport State Rd Former MGP Site
Project Location: Lockport, NY
Project #: 2161270.031
(Use Project name as Project #) ☐
Project Manager: Christie Sobol
ALPHAQuote #: 4232

Turn-Around Time
Standard ☐ Due Date: 12/19/17
Rush (only if pre approved) ☒ 24 hr # of Days: 1

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☒ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 2161270.031

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Rush TAT (24 hr.)

Please specify Metals or TAL. TAL list & TCLP

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	TCL SVOCs	TAL Metals + Hg	Pest/Herbs (TCL)	TCL PCBs	TCLP for 40 TC Contam (complete analysis)	Ignit/React/pH	Sample Specific Comments	Total Bottle
46621-01	Trench Spoils-1	12/18/17	14:30	Soil	ED	X	X	X	X	X	X	X	see quote for complete list of analysis	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V/P	A	A	A	A	A		A
Preservative	HNO3/F/A	A	A	A	A	A		A

Relinquished By:	Date/Time	Received By:	Date/Time
	12/18/17 15:50		12/18/17 13:50
AH	12/18/17 15:50		12/19/17 0105

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

LaBella
Powered by partnership.

ATTACHMENT C

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

July 20, 2018

Eric Detweiler
LaBella Associates
300 State Street Suite 201
Rochester, NY 14614

RE: Validation of the Lockport State Road Site Analytical Laboratory Data
Alpha SDG Nos. L1746394 and L1804333
Data Usability Summary Report (DUSR)

Dear Mr. Detweiler:

Review has been completed for the data packages generated by Alpha Analytical that pertain to samples collected 12/15/17 and 02/02/18 (for total cyanide only) at the Lockport State Road site. Two soil samples were processed for TCL and NYSDEC 6 NYCRR Part 375 CP-51 volatiles, CP-51 semivolatiles, CP-51 pesticides, Aroclor PCBs, TAL metals, and total cyanide. Analytical methodologies utilized are USEPA SW846.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology.

The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Method/ Preparation Blanks
* Matrix Spike Recoveries/Duplicate Correlations (metals and total cyanide only)
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* ICP Serial Dilution Evaluation
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data package.

In summary, results for the samples are usable either as reported or with minor qualification or edit, with the exception that 1,4-dioxane results in all samples are rejected due to inherent processing issues.

Project matrix spikes were processed only for metals and total cyanide. Accuracy and precision of the organic analytes has not been determined for these matrices. Data completeness, reproducibility, representativeness, sensitivity, and comparability

Validation qualifier definitions and the client sample identification summaries are attached to this text. Also included in this report are Alpha Anaytical EQuIS EDDs with recommended qualifiers/edits applied in red.

Chain-of-Custody

Although not requested on the custody form, silvex was processed on the samples collected in December. Although requested on the custody form, silvex was not processed on the samples collected in February.

The final relinquish entries were not present on the custody form related to the total cyanide sample fractions.

TCL and CP-51 Volatile Analyses by EPA 8260C

The results for 1,4-dioxane in the samples are rejected due to very low instrument responses (RRFs<0.01). Other calibration standards showed acceptable responses.

Holding times were met. Surrogate and internal standard responses are compliant. Instrument tunes meet fragmentation requirements. LCS recoveries are compliant. Blanks show no contamination.

CP-51 Semivolatile Analyses by EPA8270D

Surrogate and internal standard responses are compliant. Instrument tunes meet fragmentation requirements. LCS recoveries are within validation guidelines.

Holding times were met. Calibration standards show responses within validation action levels. Blanks show no contamination.

Pesticide, Silvex, and Aroclor PCBs by EPA 8081B, 8151A, and 8082A

Surrogate and internal standard responses are compliant. Calibration standards show responses within validation action limits.

Holding times were met, and blanks show no contamination. LCS recoveries are compliant.

TAL Metals/CN Analyses by EPA 6010C, 7471B and 9012

The detection of arsenic in Dry Screening_1 is considered external contamination and edited to reflect non-detection due to presence in the associated method blank.

The matrix spike and duplicate evaluation was performed for all elements except mercury on Dry Screenings_1 show recoveries and correlations within validation guidelines, with the exceptions of the recoveries for aluminum, thallium, and zinc (47% to 270%), results for which are qualified as estimated in the parent sample.

Due to a low recovery (74%) of the LCS, the results for total cyanide in the samples are qualified as estimated, with a low bias.

The total cyanide matrix spike of Dry Screenings_1 shows an outlying recovery of 30%, and the result for that compound in the parent sample has been qualified as estimated in value.

The ICP serial dilution evaluation of Dry Screenings_1 show acceptable correlations, with the exception of those for aluminum and magnesium (22%D and 28%D). The results for those two elements in the parent sample have been qualified as estimated.

Instrument performance is compliant.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Attachments: Validation Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample IDs

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1746394
Report Date: 02/09/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1746394-01	DRY SCREENINGS_1	SOIL	Not Specified	12/15/17 09:40	12/15/17
L1746394-02	CRUSHER RUN#2_1	SOIL	Not Specified	12/15/17 09:50	12/15/17

Project Name: NYSEG LOCKPORT STATE RD FMR
Project Number: 2161270.031

Lab Number: L1804333
Report Date: 02/11/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1804333-01	DRY SCREENINGS_1	SOLID	LOCKPORT, NY	02/02/18 14:00	02/07/18
L1804333-02	CRUSHER RUN #2_1	SOLID	LOCKPORT, NY	02/02/18 14:15	02/07/18

LaBella
Powered by partnership.

ATTACHMENT D

Lockport State Road Former MGP Site
Regulator Station Rebuild Project
Environmental Monitoring and Soil Disposal Oversight
February 2018

Truck Load #	Ticket Number	Tons Transported	Transportation Date
1	921398	21.14	2/26/2018
2	921399	21.59	2/26/2018
3	921400	23.44	2/26/2018
4	921432	22.35	2/26/2018
5	921437	20.88	2/26/2018
6	921443	23.28	2/26/2018
7	921501	23.25	2/27/2018
8	921509	19.9	2/27/2018
9	921521	21.37	2/27/2018
10	921548	21.91	2/27/2018
11	921556	23.84	2/27/2018
12	921623	28.92	2/28/2018

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310

Reprint
Ticket# 921398
Ph: (716) 223-6132 X*207

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508776
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D107
Container
Driver
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 10:02:15 AM	Scale1	bshove		Gross	68920	lb
Out	02/26/18 10:02:15 AM		bshove		Tare	26640	lb
					Net	42280	lb
					Tons	21.14	

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1 Cont Soil RCG-Tons-Unspe	100	21.14	Tons			NIA
2 TTE-TRANSPORTATION TRI A	100	21.14	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature D - 107

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508776
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416	10. US EPA ID Number	G. State Facility ID N/A H. State Facility Phone 585-494-3000

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

Silvarole truck # D107
Plate # 62229PC

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	26	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
STEPHEN DENNY	Stephen Denny	2	26	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
B S Lee	B S Lee	2	26	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921399

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508777
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D108
Container
Driver 10/24/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 10:03:59 AM	Scale1	bshove		Gross	69640	lb
Out	02/26/18 10:03:59 AM		bshove		Tare	26460	lb
					Net	43180	lb
					Tons	21.59	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	21.59	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	21.59	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508777
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
	SA190	D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

Silvarole truck # D108
Plate # 62228 PC

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detw	2	26	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
David Elsaw		2	24	18

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
B S Lue	B S Lue	2	26	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921400

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route 75000
Hauling Ticket#
Destination
Manifest 6508778
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D103
Container
Driver 2/9/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 10:05:59 AM	Scale1	bshove		Gross	74880	lb
Out	02/26/18 10:05:59 AM		bshove		Tare	28000	lb
					Net	46880	lb
					Tons	23.44	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	23.44	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	23.44	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
NYSEG C/O RGE
1300 SCOTTSVILLE RD.
ROCHESTER, NY 14624
4. Generator's Phone
585-500-8392

Generator's Site Address (If different than mailing):
NYSEG
STATE RD.
LOCKPORT, NY 14094

A. Manifest Number **WMNA** 6508778

B. State Generator's ID

5. Transporter 1 Company Name | **6. US EPA ID Number**

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name | **8. US EPA ID Number**

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT MILL SEAT LANDFILL
303 BREW RD.
BERGEN, NY 14416

10. US EPA ID Number

G. State Facility ID N/A

H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
a – 118706NY – Soil & Debris
Weight is estimated
Silvarole truck # D-103
Plate # 72669

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name: Eric Detweiler as agent for NYSEG | Signature | Month 2 | Day 26 | Year 18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed Name: Keith Noll | Signature | Month 2 | Day 26 | Yr 1

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed Name | Signature | Month | Day

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.
Printed Name | Signature | Month

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310

Reprint
Ticket# 921432
Ph: (716) 223-6132 X*207

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508780
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D107
Container
Driver
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 01:01:16 PM	Scale1	bshove		Gross	71340	lb
Out	02/26/18 01:01:16 PM		bshove		Tare	26640	lb
					Net	44700	lb
					Tons	22.35	

Comments

Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1 Cont Soil RCG-Tons-Unspe	100	22.35	Tons			NIA
2 TTE-TRANSPORTATION TRI A	100	22.35	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature D-107

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

GENERATOR

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508780
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone 585-494-3000

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY					
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information
a – 118706NY – Soil & Debris
Weight is estimated
Silvarole truck # D-107
Plate # 62229 PC

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	26	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Stephen Delahay	Stephen Delahay	2	26	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
B. Blue	B. Blue	2	26	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310

Reprint
Ticket# 921437
Ph: (716) 223-6132 X*207

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route 75000
Hauling Ticket#
Destination
Manifest 6508779
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D103
Container
Driver 2/9/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 01:17:41 PM	Scale1	bshove		Gross	69760	lb
Out	02/26/18 01:17:41 PM		bshove		Tare	28000	lb
					Net	41760	lb
					Tons	20.88	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	20.88	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	20.88	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508779
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416	10. US EPA ID Number	G. State Facility ID N/A H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	222	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information
a – 118706NY – Soil & Debris
Weight is estimated
Silvarole truck # D-103
Plate # 72669

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG		2	26	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Keith Noll		2	26	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		2	26	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921443

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/26/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508781
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D108
Container
Driver 10/24/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/26/18 01:44:42 PM	Scale1	bshove		Gross	73020	lb
Out	02/26/18 01:44:42 PM		bshove		Tare	26460	lb
					Net	46560	lb
					Tons	23.28	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	23.28	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	23.28	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
NYSEG C/O RGE
1300 SCOTTSVILLE RD.
ROCHESTER, NY 14624
4. Generator's Phone
585-500-8392

Generator's Site Address (If different than mailing):
NYSEG
STATE RD.
LOCKPORT, NY 14094

A. Manifest Number: WMNA 6508781

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number 8A190

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT MILL SEAT LANDFILL
303 BREW RD.
BERGEN, NY 14416

10. US EPA ID Number

G. State Facility ID N/A

H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	~20	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
a – 118706NY – Soil & Debris
Weight is estimated
Silvarole Truck # D-108
Plate # 62288 PC

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG		2	26	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		2	26	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		2	26	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921501

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/27/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508783
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D108
Container
Driver 10/24/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/27/18 09:37:52 AM	Scale1	bshove		Gross	72960	lb
Out	02/27/18 09:37:52 AM		bshove		Tare	26460	lb
					Net	46500	lb
					Tons	23.25	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	23.25	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	23.25	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508783
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
	S A190	D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	220	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

Silvarole truck # D-108
Plate # 62228 PC

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	27	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
David Elam		2	27	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		2	27	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921509

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/27/2018
Payment Type Credit Account
Manual Ticket#
Route 75000
Hauling Ticket#
Destination
Manifest 6508784
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D103
Container
Driver 2/9/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/27/18 09:56:06 AM	Scale1	bshove		Gross	67800	lb
Out	02/27/18 09:56:06 AM		bshove		Tare	28000	lb
					Net	39800	lb
					Tons	19.9	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	19.9	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	19.9	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508784
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416	10. US EPA ID Number	G. State Facility ID N/A H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	~20	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

Silwarole Truck # D-103
Plate # 72669 MA

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detwiler as agent for NYSEG	Eric Detwiler	2	27	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Keith No 11	[signature]	2	27	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	2	27	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310

Reprint
Ticket# 921521
Ph: (716) 223-6132 X*207

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/27/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508782
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D107
Container
Driver
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/27/18 10:21:38 AM	Scale1	bshove		Gross	69380	lb
Out	02/27/18 10:21:38 AM		bshove		Tare	26640	lb
					Net	42740	lb
					Tons	21.37	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	21.37	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	21.37	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature D-107

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508782
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID	
Silvarole Trucking		BA190	
		D. Transporter's Phone	
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID	
		F. Transporter's Phone	

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID	N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone	585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	~20	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

TRUCK # D-107

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	27	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
STEPHEN DENNY	Stephen Denny	2	27	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
B Rue	B Rue	2	27	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921548

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/27/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508785
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D108
Container
Driver 10/24/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/27/18 12:30:47 PM	Scale1	bshove		Gross	70280	lb
Out	02/27/18 12:30:47 PM		bshove		Tare	26460	lb
					Net	43820	lb
					Tons	21.91	

Comments

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	21.91	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	21.91	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508785
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Silvarole Trucking	~~NYD~~ 108	EA190
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
	EA-190	F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	~20	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Truck D-108

a – 118706NY – Soil & Debris
Weight is estimated

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	27	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
David Elkin		2	27	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		2	27	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921556

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/27/2018
Payment Type Credit Account
Manual Ticket#
Route 75000
Hauling Ticket#
Destination
Manifest 6508786
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D103
Container
Driver 2/9/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/27/18 01:09:53 PM	Scale1	bshove		Gross	75680	lb
Out	02/27/18 01:09:53 PM		bshove		Tare	28000	lb
					Net	47680	lb
					Tons	23.84	

Comments This vehicle was over the legal weight limit .

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	23.84	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	23.84	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
NYSEG C/O RGE 1300 SCOTTSVILLE RD. ROCHESTER, NY 14624 4. Generator's Phone 585-500-8392	NYSEG STATE RD. LOCKPORT, NY 14094	WMNA	6508786
		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Silvarole Trucking		BA-190
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID	N/A
WM OF NEW YORK AT MILL SEAT LANDFILL 303 BREW RD. BERGEN, NY 14416		H. State Facility Phone	585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	220	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

a – 118706NY – Soil & Debris
Weight is estimated

Truck # D-103

Purchase Order # EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	27	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year
Keith Noll	Keith Noll	2	27	18
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
B Rue	B Rue	2	27	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

Mill Seat Landfill
303 BREW RD,
BERGEN, NY, 14416-9310 Ph: (716) 223-6132 X*207

Reprint
Ticket# 921623

Customer:ROCHESTERGASELECTRIC-118706NY
Ticket Dt:02/28/2018
Payment Type Credit Account
Manual Ticket#
Route
Hauling Ticket#
Destination
Manifest 6508795
Profile 118706NY(SOIL & DEBRIS (BRICK, STONE))
Generator 1862550 190-NYSEGLOCKPORT
PO# 1) 4504188845 2) 4504188845

Carrier SIL SILVAROLE TRUCKING, INC.
Vehicle# D108
Container
Driver 10/24/2018
Check#
Billing# 0002079
Grid Q15

	Time	Scale	Operator	Inbound			
In	02/28/18 09:47:53 AM	Scale1	bshove		Gross	84300	lb
Out	02/28/18 09:47:53 AM		bshove		Tare	26460	lb
					Net	57840	lb
					Tons	28.92	

Comments This vehicle was over the legal weight limit .

	Product	LD%	Qty	UOM	Rate	Tax/Fee Amount	Origin
1	Cont Soil RCG-Tons-Unspe	100	28.92	Tons			NIA
2	TTE-TRANSPORTATION TRI A	100	28.92	Tons			NIA

Total Tax/Fees
Total Ticket

Driver's Signature 

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	

3. Generator's Mailing Address:
NYSEG C/O RGE
1300 SCOTTSVILLE RD.
ROCHESTER, NY 14624
4. Generator's Phone
585-500-8392

Generator's Site Address (If different than mailing):
NYSEG
STATE RD.
LOCKPORT, NY 14094

A. Manifest Number: WMNA 6508795

B. State Generator's ID

5. Transporter 1 Company Name: Silvarole Trucking

6. US EPA ID Number: NYA190

C. State Transporter's ID: NYA190

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
WM OF NEW YORK AT MILL SEAT LANDFILL
303 BREW RD.
BERGEN, NY 14416

10. US EPA ID Number

G. State Facility ID: N/A

H. State Facility Phone: 585-494-3000

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. NON DOT REGULATED MATERIAL WM Profile # 118706NY	1	DT	20	T	
b. WM Profile #					
c. WM Profile #					
d. WM Profile #					

J. Additional Descriptions for Materials Listed Above

K. Disposal Location
Cell | Level
Grid

15. Special Handling Instructions and Additional Information
a – 118706NY – Soil & Debris
Weight is estimated
Truck # D-108
Plate 62228 PC

Purchase Order # | EMERGENCY CONTACT / PHONE NO.:

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature	Month	Day	Year
Eric Detweiler as agent for NYSEG	Eric Detweiler	2	28	18

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
David Elam	David Elam	2	28	18

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Brian Rice	Brian Rice	2	28	18

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY