nationalgrid

National Grid
Site Investigation and Remediation
175 East Old Country Road
Hicksville, NY 11801

April 29, 2015

R. Scott Deyette, Project Manager
New York State Department Environmental Conservation (NYSDEC)
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

Re: East Garden City Former Stewart Avenue Holder Station
Southwest Cable Trench Soil Precharacterization Program
Soil Sampling and Air Monitoring Summary Letter
National Grid PO No. 298417
D&B No. 3008

Dear Mr. Deyette:

The purpose of this letter is to document the activities completed as part of the below grade cable trench soil precharacterization program completed by D&B Engineers and Architects, P.C. (D&B), on behalf of National Grid, at the East Garden City Former Stewart Avenue Holder Station (the Site), located in Garden City, New York. The below grade cable trench soil precharacterization program consisted of the advancement and sampling of 12 soil borings within the area of the proposed cable trench excavation in the southwestern portion of the Site. Soil boring locations are depicted on Figure 1, provided as Attachment 1.

The cable trench precharacterization program was completed on March 17 and 18, 2015 to characterize the soil in the proposed location of the cable trench excavation prior to excavation and installation of the cable by Long Island Power Authority (LIPA). The cable is being installed as part of the replacement of an electric cable to the east of the Site, and a portion of the cable will extend 4 feet below grade through the southwestern portion from Breaker 6100 and extending approximately 210 feet south. The majority of the cable trench excavation in the southwestern portion of the Site will be extended to a depth of approximately 4 feet below grade; however, the areas of the trench adjacent to Breaker 6100 and the southern Site boundary will be extended to a depth of approximately 12 feet below grade to allow for the cable to "dip" and then rise above grade for subsequent hook-up. The soil boring depths were based upon the installation depth and distance of the electric cable. Photographs collected during the cable trench precharacterization program are provided in Attachment 2.

It should be noted that a Site Characterization (SC) program was completed at the Site from April through June 2011. The SC program identified limited areas of residual manufactured gas plant (MGP)-related wastes at the Site, including stained soil, coal clinker and elevated contaminant concentrations (primarily polycyclic aromatic hydrocarbons [PAHs], arsenic, lead and mercury). As the Site was only historically utilized as a gas

holder station and the manufacture of gas did not occur at the Site, these MGP-related components in the fill at the Site are likely associated with an off-site source.

As low-level soil contamination may exist in limited areas of the Site, intrusive work at the Site, including the southwest cable trench excavation, is completed per the requirements of the March 2013 Site Management Plan (SMP), and its appended Excavation Work Plan.

The following narrative details the completed activities and associated soil sampling and air monitoring results generated as part of the cable trench precharacterization program.

Completed Field Activities

D&B provided contractor environmental oversight, soil logging/sampling and air monitoring services during the installation of the soil borings on March 17 and 18, 2015, as further detailed below. The soil borings were installed by National Grid's vacuum excavation contractor, Waste Recycling Solutions (WRS). All soil samples collected for laboratory analysis were submitted to Hampton Clarke Laboratories, Inc. (Hampton), which is certified under the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

Soil Boring and Sampling

A total of 12 soil borings (EGCTP-01 through EGCTP-12) were completed via vacuum guzzler extraction in the area of the proposed cable trench excavation to total depths ranging from 4 feet to 12 feet below grade. Soil boring locations EGCTB-1, EGCTB-2, EGCTB-11 and EGCTB-12 were advanced to approximately 12 feet below grade and soil boring locations EGCTB-3 through EGCTB-10 were advanced to approximately 4 feet below grade, as further detailed below. Boring logs for each completed soil boring location are provided in Attachment 3.

Each soil boring was continuously logged for geology, inspected for evidence of contamination (e.g., staining or petroleum odors) and screened for organic vapors utilizing a photoionization detector (PID). One soil sample for laboratory analysis was collected from each of the completed soil borings. The soil samples were generally from the upper portions of each boring; however, a "deeper" soil sample was collected from two of the four soil borings extended to 12 feet below grade (EGCTB-2 and EGCTB-12) in order to characterize "deeper" soil to be excavated in these areas. All soil generated from the soil borings was returned to the borehole from which it was generated.

All soil samples selected for laboratory analysis were submitted to the analytical laboratory for analysis of target compound list (TCL) volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260B, TCL semivolatile organic compounds (SVOCs) via USEPA Method 8270C, target analye list (TAL) metals via USEPA Method 6010B/7471A, cyanide via USEPA Method 9012B and TCL polychlorinated biphenyls (PCBs) via USEPA Method 8082. The analytical results were compared to the NYSDEC's Part 375 Commercial Use Soil Cleanup Objectives (SCOs). Tabulated analytical data tables are provided in Attachment 4.

Community Air Monitoring Program and Worker Breathing Zone Monitoring

In accordance with the NYSDOH's Generic Community Air Monitoring Program (CAMP) provided in Appendix 1A of the NYSDEC's DER-10 guidance document and the Site Health and Safety Plan (HASP), dated February 2011, D&B implemented a continuous CAMP during completion of all intrusive activities.

The CAMP consisted of two monitoring stations, one upwind and one downwind of the intrusive activities, at the perimeter of the work area. The stations were positioned each day based upon the approximate wind direction to characterize upwind and downwind conditions. Each station included equipment for monitoring ambient air concentrations of VOCs and particulate matter (PM). VOC monitoring at each station was accomplished utilizing a PID capable of calculating/logging 15-minute running average concentrations. PM monitoring at each station was accomplished utilizing a MIE DR-4000 portable real-time particulate monitor capable of measuring particulate matter less than 10 micrometers in size and calculating/logging 15-minute running average concentrations.

In addition to the CAMP, D&B also provided instantaneous air monitoring of the worker breathing zone during completion of all intrusive activities. This included periodic monitoring of VOCs, methane, carbon monoxide, hydrogen sulfide, oxygen and hydrogen cyanide in the worker breathing zone utilizing a PID and a 4-gas meter (including a hydrogen cyanide probe).

The CAMP and worker breathing zone monitoring results were compared to the action levels defined in the Site HASP, dated February 2011.

Findings

In general, the soil encountered was composed of a brown to tan sand and gravel, with a trace of silt and brick fragments. No significant evidence of visual contamination was observed at any of the completed soil boring locations during the field investigation. A slight naphthalene-like odor was detected from 1.5 to 2.5 feet below grade at soil borings EGCTB-1 and EGCTB-2, located in the southernmost portion of the proposed cable trench area. Traces of coal clinker were also identified from 1.5 to 2.5 feet below grade at soil boring EGCTB-1.

VOCs, SVOCs and PCBs were not detected in any of the collected soil samples at concentrations exceeding their respective Commercial Use SCO, with the exception of several polycyclic aromatic hydrocarbons (PAHs) in soil sample EGCTB-6 (0 to 2 feet), collected in the middle portion of the proposed cable trench. Benzo(a)pyrene and dibenzo(a,h)anthracene were detected at concentrations (2.5 mg/kg and 0.68 mg/kg, respectively) slightly exceeding their Commercial SCOs (1 mg/kg and 0.56 mg/kg, respectively) in soil sample EGCTB-6 (0 to 2 feet).

Metals were also detected at concentrations exceeding their respective Residential SCO in one or more of the collected soil samples, as follows:

- Copper was detected at a concentration of 780 mg/kg in soil sample EGCTB-5 (0 to 2.5 feet), exceeding its Commercial SCO of 270 mg/kg.

- Mercury exceedances were detected at concentrations of 5.9 mg/kg and 3.2 mg/kg in two soil samples, EGCTB-3 (0 to 2 feet) and EGCTB-4 (0 to 2 feet), respectively, exceeding the Commercial SCO for mercury of 2.8 mg/kg.

It should also be noted that contaminants in the worker breathing zone were non-detect throughout the soil boring program, VOCs and PM at the CAMP monitoring stations were generally non-detect throughout the soil boring program and at no time were the worker breathing zone or CAMP action levels reached or exceeded. The tabulated results of the CAMP are provided in Attachment 5.

Recommendations

As discussed above, several SVOCs (primarily PAHs) and metals were detected in one or more of the collected soil samples. Based on the elevated mercury concentrations detected at soil boring EGCTB-3 and EGCTB-4, National Grid recommends that environmental oversight activities, including worker breathing zone air monitoring and a CAMP, be continued throughout the excavation of the cable trench from the area of completed soil boring locations EGCTB-1 to the mid-point between EGCTB-5/EGCTB-6 and EGCTB-7/EGCTB-8 for worker and community safety throughout the excavation program.

If you have any questions, please feel free to contact me at (516) 545-2568.

Sincerely,

Sarah Aldridge
Project Manager – Site Investigation and Remediation

Enclosure

cc: G. Sparacio (LIPA)
♦3008\Misc040915SD_Ltr.doc(R02)

ATTACHMENT 1

SITE AND SAMPLE LOCATION MAP

VACANT LOT (FORMER NEWSDAY NEWSPAPER PLANT)

NOTE:
ENTIRE AREA WITHIN THE SUBSTATION FENCE COVERED WITH DOLOMITE.

LEGEND:

EGCTB–1	PRECHARACTERIZATION SOIL BORING LOCATION
EGCSS–01	COMPLETED SITE CHARACTERIZATION SURFACE SOIL SAMPLE LOCATION
EGCSB–01	COMPLETED SITE CHARACTERIZATION SUBSURFACE BORING LOCATION
EGCMW–01	COMPLETED GROUNDWATER MONITORING WELL LOCATION
	SITE FENCING

PREVIOUSLY COMPLETED FIELD WORK:

	COMPLETED CABLE TRENCH LOCATION
	MGP–RELATED FILL OBSERVED AT PREVIOUS TRENCH LOCATION
EGC–01, EGC07–21, 5, 5N	COMPLETED SUBSURFACE SOIL SAMPLE LOCATION
07A–12	MGP–RELATED FILL OBSERVED AT PREVIOUS SOIL SAMPLE LOCATION

EGC–01 EGC–02 EGC–03 EGC–04 EGC–05 EGC–06
EGCSS–06 EGCSB–13 EGCSS–07
EGCTB–11 EGCTB–12 EGCTB–9 EGCTB–10 EGCTB–7 EGCTB–8 EGCTB–5 EGCTB–6 EGCTB–4 EGCTB–2 EGCTB–1 EGCTB–3
EGCSS–12 EGCMW–07 EGCMW–03 EGCSS–10 EGCSS–11
EGC07–07 EGC07–04 EGC08–02 EGCS EGC07–08 EGC07–09 EGC07–13 EGC07–14 EGC07–10 EGC07–11 EGC07–12 EGC07–15 EGC07–16
(not completed) EGCSB–12
EGCSB–14 EGCMW–06 EGCSS–09
EGCSS–11

4H ELECTRIC SUBSTATION AREA

CONTROL HOUSE
BATTERY HOUSE
METAL BUILDING
54 MVAR CAPACITOR BANK
69KV. STRUCTURE (F10294)
69KV OIL FILLED CABLE
1-10¾" OD PIPE TYPE CABLE
APPROXIMATE EXTENT OF UNDERGROUND CABLE EXCAVATION
550 GALLON CABLE FLUID RECOVERY TANK
CHAIN LINK FENCE
69KV DIELEC. CBL. N.D.E.C. CO-GEN.
GARDEN CITY VILLAGE LINE
4KV REG. CKT. 4H-1B
CKT. 4H-1B
TO GLEN COVE (SEE MAP 1)

S 73°36'48"W 250' N 16°23'12"W 695.14'
S 73°36'48"W 250' N 16°23'12"W 699.14'
S 73°36'10"W 200' N 73°36'10"W 200'

LONG ISLAND RAIL ROAD (CENTRAL BRANCH)
LONG ISLAND RAILROAD - (HEMPSTEAD BRANCH)

D&B ENGINEERS AND ARCHITECTS, P.C.

NATIONAL GRID
EAST GARDEN CITY FORMER STEWART AVENUE HOLDING STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM

PROPOSED TRENCH AND COMPLETED SOIL BORING LOCATION MAP

SCALE: 1"=40'

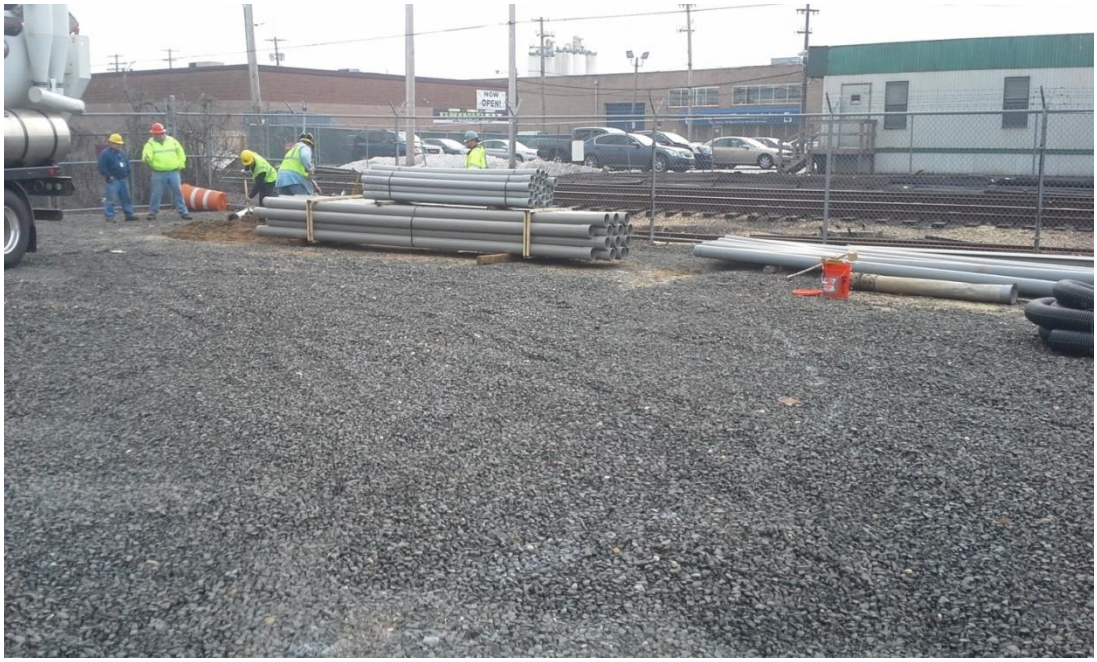
FIGURE 1

F:\3008-C06\FIGURES\3008-C06-LOC MAP_2.dwg, 4/15/2015 4:30:23 PM, DWG to PDF-OVER.pc3

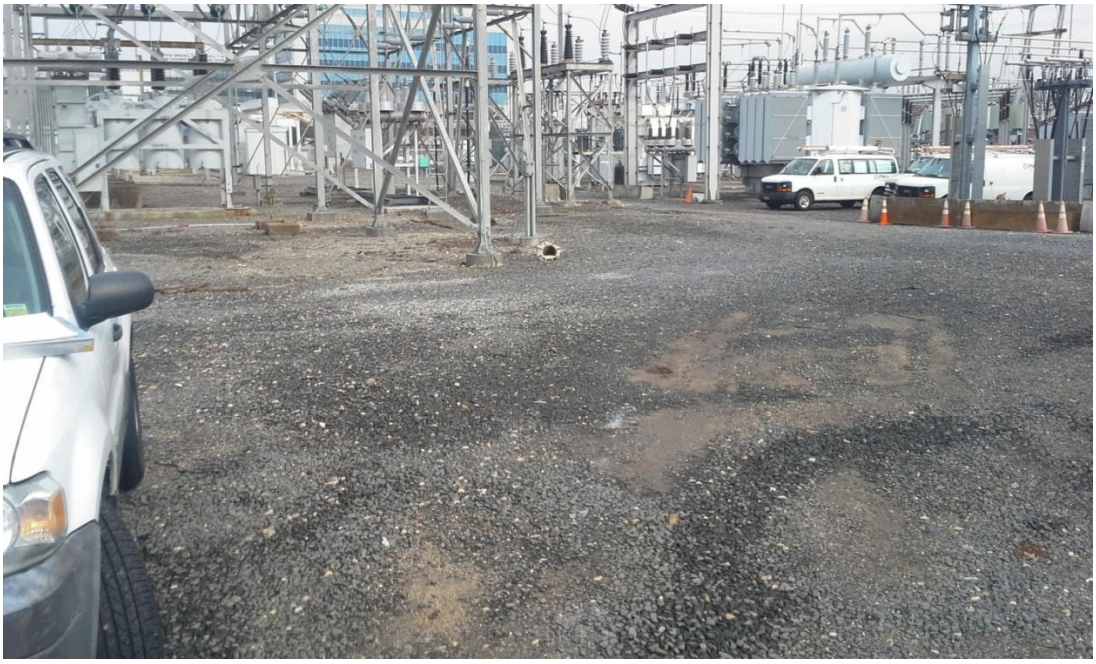
ATTACHMENT 2

PHOTOGRAPHIC LOG

NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
PHOTOGRAPHIC DOCUMENTATION

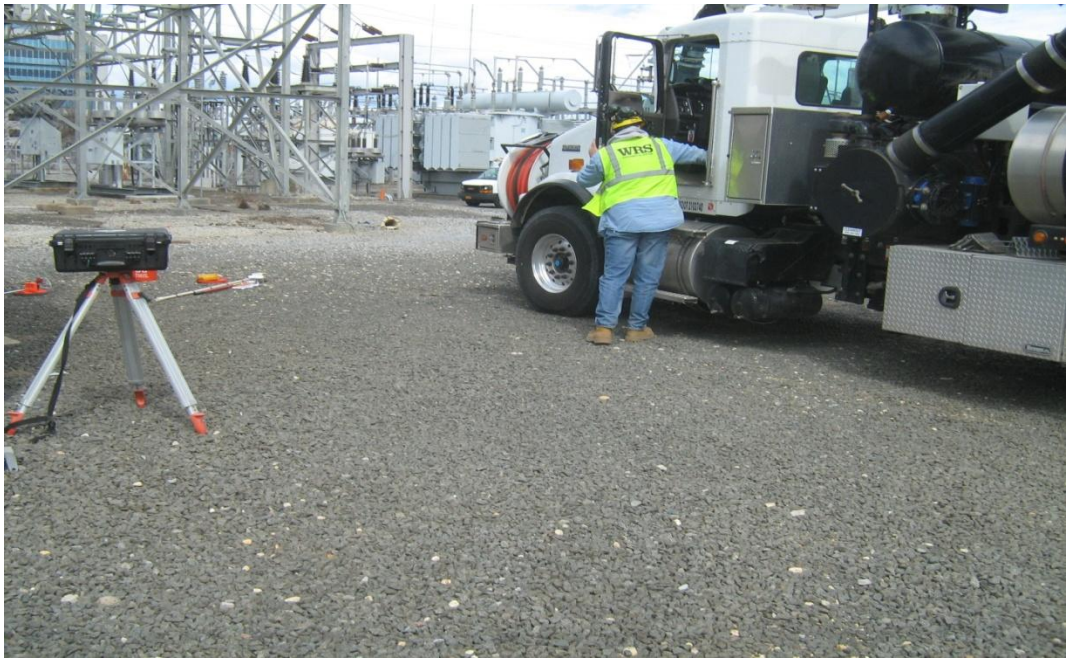


Southern area of proposed cable trench mark-out.

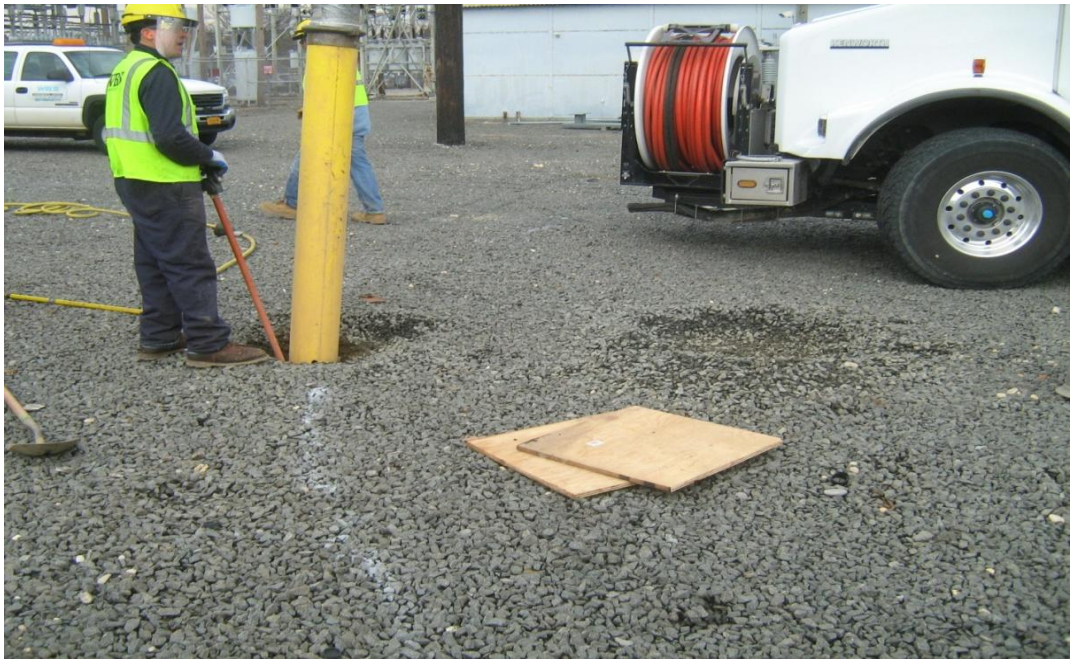


Northern area of proposed trench location showing Breaker 6100.

NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
PHOTOGRAPHIC DOCUMENTATION

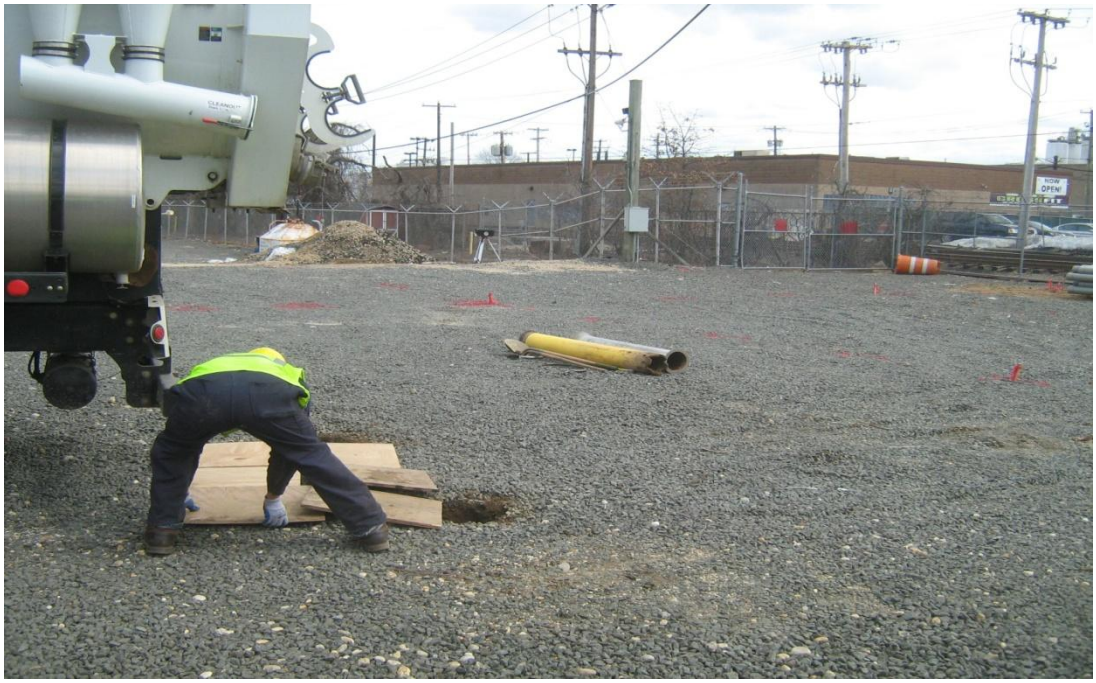


CAMP station and guzzler vacuum truck.

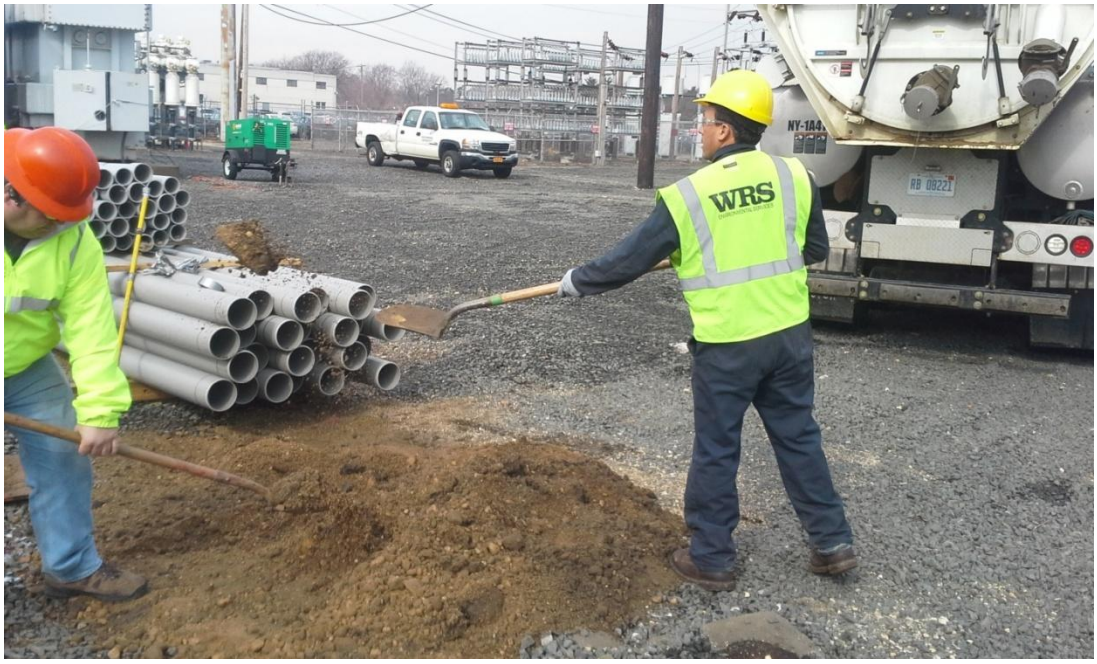


Vacuum excavation of soil borings at the westernmost area of proposed cable trench.

NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
PHOTOGRAPHIC DOCUMENTATION



Workers temporarily covering soil boring prior to backfilling.



Backfilling of soil boring locations following soil sample collection.

ATTACHMENT 3

BORING LOGS

RGB Color 255,0,0/ Auto Cad Index 10		TAR SATURATED
RGB Color 255,0,255/ Auto Cad Index 210		COATED MATERIAL, LENSES
RGB Color 255,191,0/ Auto Cad Index 40		BLEBS, GLOBS, SHEEN
RGB Color 255,255,0/ Auto Cad Index 50		STAINING, ODOR
RGB Color 127,233,255/ Auto Cad Index 141		PETROLEUM IMPACTS SHEEN, STAINING, ODORS
RGB Color 0,0,255/ Auto Cad Index 170		PURIFIER WASTE AND ODOR
RGB Color 0,165,0/ Auto Cad Index 92		NO OBSERVED IMPACTS

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

East Garden City Former Stewart Avenue Holder Station
Garden City, NY

Color Index for Logging Impacted Soil

Figure1

3008 - Color Index.indd (02/16/11 - 2:26 PM)

D&B Engineers and Architects, P.C.	**Project No.:** 3008 **Project Name:** National Grid East Garden City Former Stewart Avenue Holder Station	**Boring No.:** EGCTB-1 **Sheet** 1 **of** 1 **By:** Paul Barusich
Drilling Contractor: WRS **Driller:** n/a **Drill Rig:** n/a **Date Started:** 3/17/15	**Geologist:** Paul Barusich **Drilling Method:** Vacuum Extraction **Drive Hammer Weight:** n/a **Date Completed:** 3/17/15	**Boring Completion Depth:** 12' **Ground Surface Elevation:** --- **Boring Diameter:** 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 1.5'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 1.5' Tan, fine to coarse, subangular SAND, some fine to coarse subrounded gravel, trace silt, poorly sorted, loose, moist, no staining, no odor.	
1.5' – 2.5'	2	PS	n/a	0.0	0.0	Dark brown, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, trace silt and clinker, very slight naphthalene-like odor.	
2.5' – 6'	3	PS	n/a	0.0	0.0	Brown, fine to medium subangular SAND and subrounded COBBLES, some fine to medium subrounded gravel, trace silt, loose, poorly sorted, no staining, no odor.	
6' – 12'	4	PS	n/a	0.0	0.0	Tan, fine to coarse subangular SAND and fine to coarse subrounded GRAVEL, some fine to coarse subrounded cobbles, well sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 2' – 4' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-2
Sheet 1 **of** 1
By: Paul Barusich

Drilling Contractor: n/a
Driller: WRS
Drill Rig: n/a
Date Started: 3/17/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/17/15

Boring Completion Depth: 12'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 1.5'	1	PS	n/a	0.0	0.0	0 – 2" BLUESTONE. 2" – 1.5' Tan-light brown, fine to coarse subangular SAND, some fine to coarse subrounded gravel, trace silt, poorly sorted, loose, moist, no staining, no odor.	
1.5' – 2.5'	2	PS	n/a	0.0	0.0	Dark brown-gray, fine to medium subangular SAND, some silt and fine to coarse subrounded gravel, trace fine subrounded cobbles, poorly sorted, loose, moist, no staining, very slight naphthalene-like odor.	
2.5' – 6'	3	PS	n/a	0.0	0.0	Light brown, fine to medium subangular SAND and subrounded COBBLES, some fine to medium subrounded gravel, trace silt, poorly sorted, loose, damp, no staining, no odor.	
6' – 12'	4	PS	n/a	0.0	0.0	Tan, fine to coarse subangular SAND and fine to coarse subrounded GRAVEL, some fine to coarse subrounded cobbles, well sorted, loose, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 10' – 12' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-3
Sheet 1 **of** 1
By: Paul Barusich

Drilling Contractor: WRS
Driller: n/a
Drill Rig: n/a
Date Started: 3/17/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/17/15

Boring Completion Depth: 4'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2	1	PS	n/a	0.0	0.0	0 – 2" BLUESTONE. 2" – 2' Brown-dark brown, fine to medium, subangular SAND, some fine to coarse subrounded gravel, trace brick fragments and silt, poorly sorted, loose, damp, no staining, no odor. Conrete block noted at 1' bgs, approximately 6" in thickness.	
2' – 4'	2	PS	n/a	0.0	0.0	Tan, fine to coarse subangular SAND, some fine to coarse subrounded gravel, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B Engineers and Architects, P.C.	**Project No.:** 3008 **Project Name:** National Grid East Garden City Former Stewart Avenue Holder Station	**Boring No.:** EGCTB-4 **Sheet** 1 **of** 1 **By:** Paul Barusich
Drilling Contractor: WRS **Driller:** n/a **Drill Rig:** n/a **Date Started:** 3/17/15	**Geologist:** Paul Barusich **Drilling Method:** Vacuum Extraction **Drive Hammer Weight:** n/a **Date Completed:** 3/17/15	**Boring Completion Depth:** 4' **Ground Surface Elevation:** --- **Boring Diameter:** 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 2" BLUESTONE. 2" – 2' Gray and brown-dark brown, fine to medium subangular SAND, some fine to coarse subrounded gravel, trace brick fragments and silt, poorly sorted, loose, damp, no staining, no odor.	
2' – 4'	2	PS	n/a	0.0	0.0	Tan, fine to coarse subangular SAND, some fine to coarse subrounded gravel, poorly sorted, loose, damp, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-5
Sheet _1_ **of** _1_
By: Paul Barusich

Drilling Contractor: n/a
Driller: WRS
Drill Rig: n/a
Date Started: 3/17/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/17/15

Boring Completion Depth: 4'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2.5'	1	PS	n/a	0.0	0.0	0 – 2" BLUESTONE. 2" – 2.5' Brown-dark brown, fine to medium subangular SAND, some silt and fine to coarse subrounded gravel, well sorted, loose, damp, no staining, no odor.	
2.5' – 4'	2	PS	n/a	0.0	0.0	Tan, fine to coarse subangular SAND and fine to coarse subrounded GRAVEL, well sorted, loose, damp, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2.5' bgs.

D&B Engineers and Architects, P.C.	**Project No.:** 3008 **Project Name:** National Grid East Garden City Former Stewart Avenue Holder Station	**Boring No.:** EGCTB-6 **Sheet** 1 **of** 1 **By:** Paul Barusich
Drilling Contractor: WRS **Driller:** n/a **Drill Rig:** n/a **Date Started:** 3/17/15	**Geologist:** Paul Barusich **Drilling Method:** Vacuum Extraction **Drive Hammer Weight:** n/a **Date Completed:** 3/17/15	**Boring Completion Depth:** 4' **Ground Surface Elevation:** --- **Boring Diameter:** 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 2" BLUESTONE. 2" – 2' Brown-dark brown, fine to medium, subangular SAND, some silt and fine to coarse subrounded gravel, well sorted, loose, damp, no staining, no odor.	
2' – 4'	2	PS	n/a	0.0	0.0	Brown-dark brown, fine to medium, subangular SAND, some silt and fine to coarse subrounded gravel, well sorted, loose, damp, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-7
Sheet _1_ **of** _1_
By: Paul Barusich

Drilling Contractor: WRS
Driller: n/a
Drill Rig: n/a
Date Started: 3/18/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/18/15

Boring Completion Depth: 4'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2' Brown-dark brown, fine to medium subangular SAND, some silt and fine to coarse subrounded gravel, trace brick fragments, poorly sorted, medium dense, no staining, no odor.	
2' – 4'	2	PS	n/a	0.0	0.0	Brown, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, trace silt, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B Engineers and Architects, P.C.	**Project No.:** 3008 **Project Name:** National Grid East Garden City Former Stewart Avenue Holder Station	**Boring No.:** EGCTB-8 **Sheet** 1 **of** 1 **By:** Paul Barusich
Drilling Contractor: WRS **Driller:** n/a **Drill Rig:** n/a **Date Started:** 3/18/15	**Geologist:** Paul Barusich **Drilling Method:** Vacuum Extraction **Drive Hammer Weight:** n/a **Date Completed:** 3/18/15	**Boring Completion Depth:** 4' **Ground Surface Elevation:** --- **Boring Diameter:** 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2.5'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2.5' Brown-dark brown, fine to medium subangular SAND, some silt and fine to coarse subrounded gravel, trace brick fragments, poorly sorted, medium dense, dry, no staining, no odor.	
2.5' – 4'	2	PS	n/a	0.0	0.0	Light brown, fine to medium, subangular SAND and fine to coarse subrounded GRAVEL, trace silt, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2.5' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-9
Sheet _1_ **of** _1_
By: Paul Barusich

Drilling Contractor: WRS
Driller: n/a
Drill Rig: n/a
Date Started: 3/18/15

Geologist: Paul Barusich
Drilling Method: Hand Auger
Drive Hammer Weight: n/a
Date Completed: 3/18/15

Boring Completion Depth: 4'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2' Brown-dark brown, fine to medium, subangular SAND, some silt and fine to coarse subrounded gravel, poorly sorted, medium dense, damp, no staining, no odor.	
2' – 4'	2	PS	n/a	0.0	0.0	Light brown, fine to medium, subangular SAND and fine to coarse subrounded GRAVEL, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B Engineers and Architects, P.C.	**Project No.:** 3008 **Project Name:** National Grid East Garden City Former Stewart Avenue Holder Station	**Boring No.:** EGCTB-10 **Sheet** 1 **of** 1 **By:** Paul Barusich
Drilling Contractor: WRS **Driller:** n/a **Drill Rig:** n/a **Date Started:** 3/18/15	**Geologist:** Paul Barusich **Drilling Method:** Vacuum Extraction **Drive Hammer Weight:** n/a **Date Completed:** 3/18/15	**Boring Completion Depth:** 4' **Ground Surface Elevation:** --- **Boring Diameter:** 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2' Dark brown, fine to medium subangular SAND, some silt, trace fine to coarse subrounded gravel, poorly sorted, loose, moist, no staining, no odor.	
2' – 4'	2	PS	n/a	0.0	0.0	Tan, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-11
Sheet 1 **of** 1
By: Paul Barusich

Drilling Contractor: WRS
Driller: n/a
Drill Rig: n/a
Date Started: 3/18/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/18/15

Boring Completion Depth: 12'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2' Brown, fine to medium subangular SAND, some fine to coarse subrounded gravel, trace silt, poorly sorted, loose, moist, no staining, no odor.	
2' – 6'	2	PS	n/a	0.0	0.0	Tan, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, trace silt, poorly sorted, loose, moist, no staining, no odor.	
6' – 12'	2	PS	na	0.0	0.0	Tan, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 0 – 2' bgs.

D&B ENGINEERS AND ARCHITECTS, P.C.

Project No.: 3008
Project Name: National Grid
East Garden City
Former Stewart Avenue Holder Station

Boring No.: EGCTB-12
Sheet 1 **of** 1
By: Paul Barusich

Drilling Contractor: WRS
Driller: n/a
Drill Rig: n/a
Date Started: 3/17/15

Geologist: Paul Barusich
Drilling Method: Vacuum Extraction
Drive Hammer Weight: n/a
Date Completed: 3/17/15

Boring Completion Depth: 12'
Ground Surface Elevation: ---
Boring Diameter: 1'

Depth (ft.)	Soil Sample No.	Soil Sample Type	Soil Sample Rec. (inches)	Multi-gas Monitor (ppm)	Photo-ionization Detector (ppm)	Sample Description	Nat. Grid Color Index
0' – 2'	1	PS	n/a	0.0	0.0	0 – 1" BLUESTONE. 1" – 2' Brown, fine to medium subangular SAND, some fine to coarse subrounded gravel, trace silt, poorly sorted, loose, moist, no staining, no odor.	
2' – 6'	2	PS	n/a	0.0	0.0	Tan, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, trace silt, poorly sorted, loose, moist, no staining, no odor.	
6' – 12'	3	PS	n/a	0.0	0.0	Tan, fine to medium subangular SAND and fine to coarse subrounded GRAVEL, poorly sorted, loose, moist, no staining, no odor.	

Sample Types:
PS = Poly Scoop
HA = Hand Auger
GP = Geoprobe Sampler
VC = Vacuum

NOTES:
Sample for TCL VOCs, TCL SVOCs, TAL Metals, Total Cyanide and PCBs was collected from 10' – 12' bgs.

ATTACHMENT 4

ANALYTICAL DATA SUMMARY TABLES

TABLE 1
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARCTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANICS

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Objectives (SCO) mg/Kg
VOLATILE COMPOUNDS							
1,1,1-Trichloroethane	U	U	U	U	U	U	500
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	--
1,1,2-Trichloroethane	U	U	U	U	U	U	--
1,1-Dichloroethane	U	U	U	U	U	U	240
1,1-Dichloroethene	U	U	U	U	U	U	500
1,2,3-Trichlorobenzene	U	U	U	U	U	U	--
1,2,4-Trichlorobenzene	U	U	U	U	U	U	--
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	--
1,2-Dibromoethane (EDB)	U	U	U	U	U	U	--
1,2-Dichlorobenzene	U	U	U	U	U	U	500
1,2-Dichloroethane	U	U	U	U	U	U	30
1,2-Dichloropropane	U	U	U	U	U	U	--
1,3-Dichlorobenzene	U	U	U	U	U	U	280
1,4-Dichlorobenzene	U	U	U	U	U	U	130
1,4-Dioxane	U	U	U	U	U	U	130
2-Butanone	U	U	U	U	U	U	500
2-Hexanone	U	U	U	U	U	U	--
4-Methyl-2-pentanone	U	U	U	U	U	U	--
Acetone	U	U	U	U	U	U	500
Benzene	U	U	U	U	U	U	44
Bromochloromethane	U	U	U	U	U	U	--
Bromodichloromethane	U	U	U	U	U	U	--
Bromoform	U	U	U	U	U	U	--
Bromomethane	U	U	U	U	U	U	--
Carbon disulfide	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	22
Chlorobenzene	U	U	U	U	U	U	500
Chloroethane	U	U	U	U	U	U	--
Chloroform	U	U	U	U	U	U	350
Chloromethane	U	U	U	U	U	U	--
cis-1,2-Dichloroethene	U	U	U	U	U	U	500
cis-1,3-Dichloropropene	U	U	U	U	U	U	--
Cyclohexane	U	U	U	U	U	U	--

See next page for Footnotes/Qualifiers

TABLE 1
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARCTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANICS

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Objectives (SCO) mg/Kg
COMPOUNDS CONTINUED							
Dibromochloromethane	U	U	U	U	U	U	--
Dichlorodifluoromethane	U	U	U	U	U	U	--
Ethylbenzene	U	U	0.002	0.0015	U	U	390
Isopropylbenzene	U	U	U	U	U	U	--
m,p-Xylene	U	U	U	U	U	U	500
Methyl Acetate	U	U	U	U	U	U	--
Methylcyclohexane	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	500
Methyl-t-butyl ether	U	U	U	U	U	U	500
o-Xylene	U	U	U	U	U	U	500
Styrene	U	U	U	U	U	U	--
Tetrachloroethene	U	U	U	U	U	0.0043	150
Toluene	U	U	U	U	U	U	500
trans-1,2-Dichloroethene	U	U	U	U	U	U	500
trans-1,3-Dichloropropene	U	U	U	U	U	U	--
Trichloroethene	0.0021	U	U	U	U	U	200
Trichlorofluoromethane	U	U	U	U	U	U	--
Vinyl chloride	U	U	U	U	U	U	13
Xylenes (Total)	U	U	U	U	U	U	500
Total Volatile Compounds	0.0021	0	0.002	0.0015	0	0.0043	--

Footnotes/Qualifiers:

ug/Kg: Micrograms per kilogram

U: Analyzed for but not detected

--: No standard

TABLE 1
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARCTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANICS

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup
							Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOLATILE COMPOUNDS							
1,1,1-Trichloroethane	U	U	U	U	U	U	500
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	--
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	--
1,1,2-Trichloroethane	U	U	U	U	U	U	--
1,1-Dichloroethane	U	U	U	U	U	U	240
1,1-Dichloroethene	U	U	U	U	U	U	500
1,2,3-Trichlorobenzene	U	U	U	U	U	U	--
1,2,4-Trichlorobenzene	U	U	U	U	U	U	--
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	--
1,2-Dibromoethane (EDB)	U	U	U	U	U	U	--
1,2-Dichlorobenzene	U	U	U	U	U	U	500
1,2-Dichloroethane	U	U	U	U	U	U	30
1,2-Dichloropropane	U	U	U	U	U	U	--
1,3-Dichlorobenzene	U	U	U	U	U	U	280
1,4-Dichlorobenzene	U	U	U	U	U	U	130
1,4-Dioxane	U	U	U	U	U	U	130
2-Butanone	U	U	U	U	U	U	500
2-Hexanone	U	U	U	U	U	U	--
4-Methyl-2-pentanone	U	U	U	U	U	U	--
Acetone	U	U	U	U	U	U	500
Benzene	U	U	U	U	U	U	44
Bromochloromethane	U	U	U	U	U	U	--
Bromodichloromethane	U	U	U	U	U	U	--
Bromoform	U	U	U	U	U	U	--
Bromomethane	U	U	U	U	U	U	--
Carbon disulfide	U	U	U	U	U	U	--
Carbon tetrachloride	U	U	U	U	U	U	22
Chlorobenzene	U	U	U	U	U	U	500
Chloroethane	U	U	U	U	U	U	--
Chloroform	U	U	U	U	U	U	350
Chloromethane	U	U	U	U	U	U	--
cis-1,2-Dichloroethene	U	U	U	U	U	U	500
cis-1,3-Dichloropropene	U	U	U	U	U	U	--
Cyclohexane	U	U	U	U	U	U	--

See next page for Footnotes/Qualifiers

TABLE 1
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARCTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
VOLATILE ORGANICS

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup
							Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
COMPOUNDS CONTINUED							
Dibromochloromethane	U	U	U	U	U	U	--
Dichlorodifluoromethane	U	U	U	U	U	U	--
Ethylbenzene	U	U	U	U	U	U	390
Isopropylbenzene	U	U	U	U	U	U	--
m,p-Xylene	U	U	U	U	U	U	500
Methyl Acetate	U	U	U	U	U	U	--
Methylcyclohexane	U	U	U	U	U	U	--
Methylene chloride	U	U	U	U	U	U	500
Methyl-t-butyl ether	U	U	U	U	U	U	500
o-Xylene	U	U	U	U	U	U	500
Styrene	U	U	U	U	U	U	--
Tetrachloroethene	U	U	U	U	U	U	150
Toluene	U	U	U	U	U	U	500
trans-1,2-Dichloroethene	U	U	U	U	U	U	500
trans-1,3-Dichloropropene	U	U	U	U	U	U	--
Trichloroethene	U	U	U	U	U	U	200
Trichlorofluoromethane	U	U	U	U	U	U	--
Vinyl chloride	U	U	U	U	U	U	13
Xylenes (Total)	U	U	U	U	U	U	500
Total Volatile Compounds	0	0	0	0	0	0	--

Footnotes/Qualifiers:
ug/Kg: Micrograms per kilogram
U: Analyzed for but not detected
--: No standard

TABLE 2
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
SEMIVOLATILE ORGANICS

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Objectives (SCO) mg/Kg
SEMIVOLATILE COMPOUNDS							
1,1'-Biphenyl	U	U	U	U	U	U	--
1,2,4,5-Tetrachlorobenzene	U	U	U	U	U	U	--
2,3,4,6-Tetrachlorophenol	U	U	U	U	U	U	--
2,4,5-Trichlorophenol	U	U	U	U	U	U	--
2,4,6-Trichlorophenol	U	U	U	U	U	U	--
2,4-Dichlorophenol	U	U	U	U	U	U	--
2,4-Dimethylphenol	U	U	U	U	U	U	--
2,4-Dinitrophenol	U	U	U	U	U	U	--
2,4-Dinitrotoluene	U	U	U	U	U	U	--
2,6-Dinitrotoluene	U	U	U	U	U	U	--
2-Chloronaphthalene	U	U	U	U	U	U	--
2-Chlorophenol	U	U	U	U	U	U	--
2-Methylnaphthalene	U	U	U	U	U	U	--
2-Methylphenol	U	U	U	U	U	U	500
2-Nitroaniline	U	U	U	U	U	U	--
2-Nitrophenol	U	U	U	U	U	U	--
3&4-Methylphenol	U	U	U	U	U	U	500
3,3-Dichlorobenzidine	U	U	U	U	U	U	--
3-Nitroaniline	U	U	U	U	U	U	--
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	--
4-Bromophenyl-phenylether	U	U	U	U	U	U	--
4-Chloro-3-methylphenol	U	U	U	U	U	U	--
4-Chloroaniline	U	U	U	U	U	U	--
4-Chlorophenylphenyl ether	U	U	U	U	U	U	--
4-Nitroaniline	U	U	U	U	U	U	--
4-Nitrophenol	U	U	U	U	U	U	--
Acenaphthene	U	U	U	U	U	U	500
Acenaphthylene	U	U	0.049	U	U	0.63	500
Acetophenone	U	U	U	U	U	U	--
Anthracene	U	U	0.061	U	U	0.23	500
Atrazine	U	U	U	U	U	U	--
Benzaldehyde	U	U	U	U	U	U	--
Benzo(a)anthracene	U	U	0.33	0.042	0.074	2.6	5.6
Benzo(a)pyrene	U	U	0.31	U	0.059	***2.5***	1
Benzo(b)fluoranthene	U	U	0.46	0.057	0.11	4.6	5.6

See next page for Footnotes/Qualifiers

D&B ENGINEERS AND ARCHITECTS, P.C.

TABLE 2
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
SEMIVOLATILE ORGANICS

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	Objectives (SCO) mg/Kg
COMPOUNDS CONTINUED							
Benzo(ghi)perylene	U	U	0.32	U	0.058	2.6	500
Benzo(k)fluoranthene	U	U	0.16	U	0.045	1.7	56
Bis(2-chloroethoxy)methane	U	U	U	U	U	U	--
Bis(2-chloroethyl)ether	U	U	U	U	U	U	--
Bis(2-chloroisopropyl)ether	U	U	U	U	U	U	--
Bis(2-ethylhexyl)phthalate (BEHP)	U	U	0.048	U	U	U	--
Benzyl butyl phthalate	U	U	U	U	U	U	--
Caprolactam	U	U	U	U	U	U	--
Carbazole	U	U	U	U	U	0.17	--
Chrysene	U	U	0.4	0.038	0.069	3.6	56
Dibenzo(a,h)anthracene	U	U	0.094	U	U	***0.68***	0.56
Dibenzofuran	U	U	0.013	U	U	U	350
Diethyl phthalate	U	U	U	U	U	U	--
Dimethyl phthalate	U	U	U	U	U	U	--
Di-n-butyl phthalate	U	U	U	U	U	U	--
Di-n-octyl phthalate	U	U	U	U	U	U	--
Fluoranthene	U	U	0.57	0.058	0.09	2.7	500
Fluorene	U	U	U	U	U	U	500
Hexachlorobenzene	U	U	U	U	U	U	6
Hexachlorobutadiene	U	U	U	U	U	U	--
Hexachlorocyclopentadiene	U	U	U	U	U	U	--
Hexachloroethane	U	U	U	U	U	U	--
Indeno(1,2,3-cd)pyrene	U	U	0.28	U	0.051	2.5	5.6
Isophorone	U	U	U	U	U	U	--
Naphthalene	U	U	0.017	U	U	U	500
Nitrobenzene	U	U	U	U	U	U	69
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	--
N-Nitrosodiphenylamine	U	U	U	U	U	U	--
Pentachlorophenol	U	U	U	U	U	U	6.7
Phenanthrene	U	U	0.23	U	0.061	0.42	500
Phenol	U	U	U	U	U	U	500
Pyrene	U	U	0.66	0.075	0.12	3.3	500
Total Semivolatile Compounds	0	0	4.002	0.27	0.737	28.23	--

Footnotes/Qualifiers:

ug/Kg: Micrograms per kilogram
U: Analyzed for but not detected
--: No standard
Exceeded Commercial standards

D&B ENGINEERS AND ARCHITECTS, P.C.

TABLE 2
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
SEMIVOLATILE ORGANICS

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SEMIVOLATILE COMPOUNDS							
1,1'-Biphenyl	U	U	U	U	U	U	--
1,2,4,5-Tetrachlorobenzene	U	U	U	U	U	U	--
2,3,4,6-Tetrachlorophenol	U	U	U	U	U	U	--
2,4,5-Trichlorophenol	U	U	U	U	U	U	--
2,4,6-Trichlorophenol	U	U	U	U	U	U	--
2,4-Dichlorophenol	U	U	U	U	U	U	--
2,4-Dimethylphenol	U	U	U	U	U	U	--
2,4-Dinitrophenol	U	U	U	U	U	U	--
2,4-Dinitrotoluene	U	U	U	U	U	U	--
2,6-Dinitrotoluene	U	U	U	U	U	U	--
2-Chloronaphthalene	U	U	U	U	U	U	--
2-Chlorophenol	U	U	U	U	U	U	--
2-Methylnaphthalene	U	U	U	U	U	U	--
2-Methylphenol	U	U	U	U	U	U	500
2-Nitroaniline	U	U	U	U	U	U	--
2-Nitrophenol	U	U	U	U	U	U	--
3&4-Methylphenol	U	U	U	U	U	U	500
3,3-Dichlorobenzidine	U	U	U	U	U	U	--
3-Nitroaniline	U	U	U	U	U	U	--
4,6-Dinitro-2-methylphenol	U	U	U	U	U	U	--
4-Bromophenyl-phenylether	U	U	U	U	U	U	--
4-Chloro-3-methylphenol	U	U	U	U	U	U	--
4-Chloroaniline	U	U	U	U	U	U	--
4-Chlorophenylphenyl ether	U	U	U	U	U	U	--
4-Nitroaniline	U	U	U	U	U	U	--
4-Nitrophenol	U	U	U	U	U	U	--
Acenaphthene	U	U	U	U	U	U	500
Acenaphthylene	U	U	U	U	U	U	500
Acetophenone	U	U	U	U	U	U	--
Anthracene	U	U	U	U	U	U	500
Atrazine	U	U	U	U	U	U	--
Benzaldehyde	U	U	U	U	U	U	--
Benzo(a)anthracene	U	U	U	U	0.092	U	5.6
Benzo(a)pyrene	U	U	U	U	0.073	U	1
Benzo(b)fluoranthene	U	U	U	U	0.11	U	5.6

See next page for Footnotes/Qualifiers

TABLE 2
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
SEMIVOLATILE ORGANICS

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup
							Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
COMPOUNDS CONTINUED							
Benzo(ghi)perylene	U	U	U	U	0.058	U	500
Benzo(k)fluoranthene	U	U	U	U	0.042	U	56
Bis(2-chloroethoxy)methane	U	U	U	U	U	U	--
Bis(2-chloroethyl)ether	U	U	U	U	U	U	--
Bis(2-chloroisopropyl)ether	U	U	U	U	U	U	--
Bis(2-ethylhexyl)phthalate (BEHP)	U	U	U	U	U	U	--
Benzyl butyl phthalate	U	U	U	U	U	U	--
Caprolactam	U	U	U	U	U	U	--
Carbazole	U	U	U	U	U	U	--
Chrysene	U	U	U	U	0.076	U	56
Dibenzo(a,h)anthracene	U	U	U	U	U	U	0.56
Dibenzofuran	U	U	U	U	U	U	350
Diethyl phthalate	U	U	U	U	U	U	--
Dimethyl phthalate	U	U	U	U	U	U	--
Di-n-butyl phthalate	U	U	U	U	U	U	--
Di-n-octyl phthalate	U	U	U	U	U	U	--
Fluoranthene	U	U	U	U	0.13	U	500
Fluorene	U	U	U	U	U	U	500
Hexachlorobenzene	U	U	U	U	U	U	6
Hexachlorobutadiene	U	U	U	U	U	U	--
Hexachlorocyclopentadiene	U	U	U	U	U	U	--
Hexachloroethane	U	U	U	U	U	U	--
Indeno(1,2,3-cd)pyrene	U	U	U	U	0.049	U	5.6
Isophorone	U	U	U	U	U	U	--
Naphthalene	U	U	U	U	U	U	500
Nitrobenzene	U	U	U	U	U	U	69
N-Nitroso-di-n-propylamine	U	U	U	U	U	U	--
N-Nitrosodiphenylamine	U	U	U	U	U	U	--
Pentachlorophenol	U	U	U	U	U	U	6.7
Phenanthrene	U	U	U	U	0.048	U	500
Phenol	U	U	U	U	U	U	500
Pyrene	U	U	U	U	0.16	U	500
Total Semivolatile Compounds	0	0	0	0	0.838	0	--

Footnotes/Qualifiers:

ug/Kg: Micrograms per kilogram

U: Analyzed for but not detected

--: No standard

Exceeded Commercial standards

D&B ENGINEERS AND ARCHITECTS, P.C.

J:_HazWaste\3008 (National Grid)\East Garden City\Cable Trench Inv - 3-2015\Lab data\nat_grid_tab_com

TABLE 3
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
POLYCHLORINATED BIPHENYLS (PCBs)

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PCBS							
Aroclor-1016	U	U	U	U	U	U	1
Aroclor-1221	U	U	U	U	U	U	1
Aroclor-1232	U	U	U	U	U	U	1
Aroclor-1242	U	U	U	U	U	U	1
Aroclor-1248	U	U	U	U	U	U	1
Aroclor-1254	U	U	U	U	U	U	1
Aroclor-1260	U	U	0.47	0.082	U	U	1
Aroclor-1262	U	U	U	U	U	U	1
Aroclor-1268	U	U	U	U	U	U	1
Total PCBs	0	0	0.47	0.082	0	0	1

Footnotes/Qualifiers:
ug/Kg: Micrograms per kilogram
U: Analyzed for but not detected

TABLE 3
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
POLYCHLORINATED BIPHENYLS (PCBs)

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
PCBS							
Aroclor-1016	U	U	U	U	U	U	1
Aroclor-1221	U	U	U	U	U	U	1
Aroclor-1232	U	U	U	U	U	U	1
Aroclor-1242	U	U	U	U	U	U	1
Aroclor-1248	U	U	U	U	U	U	1
Aroclor-1254	U	U	U	U	U	U	1
Aroclor-1260	U	U	U	U	U	U	1
Aroclor-1262	U	U	U	U	U	U	1
Aroclor-1268	U	U	U	U	U	U	1
Total PCBs	0	0	0	0	0	0	1

Footnotes/Qualifiers:

ug/Kg: Micrograms per kilogram

U: Analyzed for but not detected

TABLE 4
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
METALS AND CYANIDE

Sample ID	EGCTB-1 (2-4')	EGCTB-2 (10-12')	EGCTB-3 (0-2')	EGCTB-4 (0-2')	EGCTB-5 (0-2.5')	EGCTB-6 (0-2')	NYCRR 6 Part375
Sampling Date	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	3/17/15	Commercial
Start Depth (in Feet)	2	10	0	0	0	0	Use Soil
End Depth (in Feet)	4	12	2	2	2.5	2	Cleanup
							Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS							
Aluminum	7100	3100	8500	2000	12000	13000	--
Antimony	U	U	U	U	U	U	--
Arsenic	5.4	0.57	3.2	1.2	3.6	4.7	16
Barium	17	16	28	U	25	28	400
Beryllium	0.4	U	0.26	U	0.32	0.34	590
Cadmium	U	U	U	U	U	U	9.3
Calcium	U	U	3900	U	1300	U	--
Chromium	7.9	34	14	U	14	14	1500
Cobalt	4.1	3.9	4.1	U	4.3	U	--
Copper	7.4	11	23	6.4	***780***	14	270
Iron	12000	12000	17000	4500	17000	16000	--
Lead	U	U	53	13	19	36	1000
Magnesium	1700	1200	2300	U	1700	1500	--
Manganese	140	200	200	73	250	200	10,000
Mercury	0.14	U	***5.9***	***3.2***	0.21	0.22	2.8
Nickel	10	12	9	U	9.9	7	310
Potassium	650	U	U	U	U	U	--
Selenium	U	U	U	U	U	U	1500
Silver	U	U	U	U	U	U	1500
Sodium	U	U	U	U	U	U	--
Thallium	U	U	U	U	U	U	--
Vanadium	U	11	15	U	19	20	--
Zinc	27	16	57	14	55	32	10,000
Cyanide	U	U	2	0.28	U	0.61	27

Footnotes/Qualifiers:

mg/Kg: Milligrams per kilogram

U: Analyzed for but not detected

--: No standard

Exceeded Commercial standards

D&B Engineers and Architects, P.C.

TABLE 4
NATIONAL GRID
EAST GARDEN CITY FORMER HOLDER STATION
SOUTHWEST CABLE TRENCH
SOIL PRECHARACTERIZATION PROGRAM
SUBSURFACE SOIL SAMPLE RESULTS
METALS AND CYANIDE

Sample ID	EGCTB-7 (0-2')	EGCTB-8 (0-2.5')	EGCTB-9 (0-2')	EGCTB-10 (0-2')	EGCTB-11 (0-2')	EGCTB-12 (10-12')	NYCRR 6 Part375
Sampling Date	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	3/18/15	Commercial
Start Depth (in Feet)	0	0	0	0	0	10	Use Soil
End Depth (in Feet)	2	2	2	2	2	12	Cleanup
							Objectives (SCO)
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
METALS							
Aluminum	24000	32000	27000	34000	12000	2400	--
Antimony	U	U	U	U	U	U	--
Arsenic	4.9	6.2	9	7	3.4	1.2	16
Barium	55	80	50	90	33	11	400
Beryllium	0.41	0.53	0.71	0.62	0.27	U	590
Cadmium	U	U	U	U	U	U	9.3
Calcium	U	U	U	U	U	U	--
Chromium	25	33	31	32	16	6.3	1500
Cobalt	10	10	18	7.7	4.9	2.8	--
Copper	13	17	17	15	22	5.6	270
Iron	29000	41000	39000	37000	20000	6800	--
Lead	19	21	16	20	37	U	1000
Magnesium	2800	3300	3800	3500	1900	U	--
Manganese	470	530	540	330	220	96	10,000
Mercury	0.2	0.14	0.15	0.16	0.27	U	2.8
Nickel	15	19	17	18	10	6	310
Potassium	U	830	710	710	U	U	--
Selenium	U	U	U	U	U	U	1500
Silver	U	U	U	U	U	U	1500
Sodium	U	U	U	U	U	U	--
Thallium	U	U	U	U	U	U	--
Vanadium	35	46	39	45	21	U	--
Zinc	48	69	140	110	71	22	10,000
Cyanide	U	U	U	U	U	U	27

Footnotes/Qualifiers:

mg/Kg: Milligrams per kilogram
U: Analyzed for but not detected
--: No standard

Exceeded Commercial standards

D&B Engineers and Architects, P.C.

ATTACHMENT 5

TABULATED CAMP RESULTS

EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
COMMUNITY AIR MONITORING PROGRAM
UPWIND VOLATILE ORGANIC COMPOUNDS

Date	Time	Avg(ppm)	Max(ppm)
3/17/2015	7:25	0	0
3/17/2015	7:26	0	0
3/17/2015	7:27	0	0
3/17/2015	7:28	0	0
3/17/2015	7:29	0	0
3/17/2015	7:30	0	0
3/17/2015	7:31	0	0
3/17/2015	7:32	0	0
3/17/2015	7:33	0	0
3/17/2015	7:34	0	0
3/17/2015	7:35	0	0
3/17/2015	7:36	0	0
3/17/2015	7:37	0	0
3/17/2015	7:38	0	0
3/17/2015	7:39	0	0
3/17/2015	7:40	0	0
3/17/2015	7:41	0	0
3/17/2015	7:42	0	0
3/17/2015	7:43	0	0
3/17/2015	7:44	0	0
3/17/2015	7:45	0	0
3/17/2015	7:46	0	0
3/17/2015	7:47	0	0
3/17/2015	7:48	0	0
3/17/2015	7:49	0	0
3/17/2015	7:50	0	0
3/17/2015	7:51	0	0
3/17/2015	7:52	0	0
3/17/2015	7:53	0	0
3/17/2015	7:54	0	0
3/17/2015	7:55	0	0
3/17/2015	7:56	0	0
3/17/2015	7:57	0	0
3/17/2015	7:58	0	0
3/17/2015	7:59	0	0
3/17/2015	8:00	0	0
3/17/2015	8:01	0	0
3/17/2015	8:02	0	0
3/17/2015	8:03	0	0
3/17/2015	8:04	0	0
3/17/2015	8:05	0	0
3/17/2015	8:06	0	0

3/17/2015	8:07	0	0
3/17/2015	8:08	0	0
3/17/2015	8:09	0	0
3/17/2015	8:10	0	0
3/17/2015	8:11	0	0
3/17/2015	8:12	0	0
3/17/2015	8:13	0	0
3/17/2015	8:14	0	0
3/17/2015	8:15	0	0
3/17/2015	8:16	0	0
3/17/2015	8:17	0	0
3/17/2015	8:18	0	0
3/17/2015	8:19	0	0
3/17/2015	8:20	0	0
3/17/2015	8:21	0	0
3/17/2015	8:22	0	0
3/17/2015	8:23	0	0
3/17/2015	8:24	0	0
3/17/2015	8:25	0	0
3/17/2015	8:26	0	0
3/17/2015	8:27	0	0
3/17/2015	8:28	0	0.1
3/17/2015	8:29	0	0
3/17/2015	8:30	0	0
3/17/2015	8:31	0	0
3/17/2015	8:32	0	0
3/17/2015	8:33	0	0
3/17/2015	8:34	0	0.1
3/17/2015	8:35	0	0.1
3/17/2015	8:36	0	0.1
3/17/2015	8:37	0	0.1
3/17/2015	8:38	0	0.1
3/17/2015	8:39	0	0
3/17/2015	8:40	0	0
3/17/2015	8:41	0	0.1
3/17/2015	8:42	0	0
3/17/2015	8:43	0	0
3/17/2015	8:44	0	0
3/17/2015	8:45	0	0.1
3/17/2015	8:46	0	0.1
3/17/2015	8:47	0	0.1
3/17/2015	8:48	0	0.1
3/17/2015	8:49	0	0.1
3/17/2015	8:50	0	0.1

3/17/2015	8:51	0	0.1
3/17/2015	8:52	0	0.1
3/17/2015	8:53	0	0.1
3/17/2015	8:54	0	0.1
3/17/2015	8:55	0	0.1
3/17/2015	8:56	0	0.1
3/17/2015	8:57	0	0.1
3/17/2015	8:58	0	0.1
3/17/2015	8:59	0	0.1
3/17/2015	9:00	0	0.1
3/17/2015	9:01	0	0.1
3/17/2015	9:02	0	0.1
3/17/2015	9:03	0	0.1
3/17/2015	9:04	0	0.1
3/17/2015	9:05	0	0.1
3/17/2015	9:06	0	0.1
3/17/2015	9:07	0	0.1
3/17/2015	9:08	0	0.1
3/17/2015	9:09	0	0.1
3/17/2015	9:10	0	0.1
3/17/2015	9:11	0	0.1
3/17/2015	9:12	0	0.1
3/17/2015	9:13	0	0.1
3/17/2015	9:14	0	0.1
3/17/2015	9:15	0	0.1
3/17/2015	9:16	0	0.1
3/17/2015	9:17	0	0.1
3/17/2015	9:18	0	0.1
3/17/2015	9:19	0	0.1
3/17/2015	9:20	0	0.1
3/17/2015	9:21	0	0
3/17/2015	9:22	0	0
3/17/2015	9:23	0	0
3/17/2015	9:24	0	0.1
3/17/2015	9:25	0	0
3/17/2015	9:26	0	0.1
3/17/2015	9:27	0	0.1
3/17/2015	9:28	0	0.1
3/17/2015	9:29	0	0.1
3/17/2015	9:30	0	0
3/17/2015	9:31	0	0.1
3/17/2015	9:32	0	0
3/17/2015	9:33	0	0.1
3/17/2015	9:34	0	0.1

3/17/2015	9:35	0	0.1
3/17/2015	9:36	0	0
3/17/2015	9:37	0	0.1
3/17/2015	9:38	0	0.1
3/17/2015	9:39	0	0.1
3/17/2015	9:40	0	0.1
3/17/2015	9:41	0	0.1
3/17/2015	9:42	0	0.1
3/17/2015	9:43	0	0.1
3/17/2015	9:44	0	0.1
3/17/2015	9:45	0	0.1
3/17/2015	9:46	0	0.1
3/17/2015	9:47	0	0.1
3/17/2015	9:48	0	0.1
3/17/2015	9:49	0	0.1
3/17/2015	9:50	0	0.1
3/17/2015	9:51	0	0.1
3/17/2015	9:52	0	0.1
3/17/2015	9:53	0	0.1
3/17/2015	9:54	0	0.1
3/17/2015	9:55	0	0.1
3/17/2015	9:56	0	0.1
3/17/2015	9:57	0	0.1
3/17/2015	9:58	0	0.1
3/17/2015	9:59	0	0.1
3/17/2015	10:00	0	0.1
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3/17/2015	11:02	0	0

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3/18/2015	9:25	0.1	0.2
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3/18/2015	9:33	0.2	0.3
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3/18/2015	11:02	0.4	0.6
3/18/2015	11:03	0.4	0.5
3/18/2015	11:04	0.4	0.5
3/18/2015	11:05	0.4	0.5
3/18/2015	11:06	0.4	0.5
3/18/2015	11:07	0.4	0.5
3/18/2015	11:08	0.4	0.5
3/18/2015	11:09	0.4	0.5
3/18/2015	11:10	0.4	0.6

3/18/2015	11:11	0.4	0.5
3/18/2015	11:12	0.4	0.6
3/18/2015	11:13	0.4	0.6
3/18/2015	11:14	0.4	0.5
3/18/2015	11:15	0.4	0.5
3/18/2015	11:10	0.2	0.3
3/18/2015	11:11	0.2	0.2
3/18/2015	11:12	0.2	0.2
3/18/2015	11:13	0.2	0.3
3/18/2015	11:14	0.2	0.3
3/18/2015	11:15	0.1	0.3

EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
COMMUNITY AIR MONITORING PROGRAM
UPWIND PARTICULATE MONITOR

Date	Time	Avg.(mg/m3)
3/17/2015	06:28:43	0
3/17/2015	06:29:43	0
3/17/2015	06:30:43	0
3/17/2015	06:31:43	0.001
3/17/2015	06:32:43	0.001
3/17/2015	06:33:43	0.002
3/17/2015	06:34:43	0.003
3/17/2015	06:35:43	0
3/17/2015	06:36:43	0
3/17/2015	06:37:43	0.002
3/17/2015	06:38:43	0
3/17/2015	06:39:43	0
3/17/2015	06:40:43	0.003
3/17/2015	06:41:43	0.002
3/17/2015	06:42:43	0.006
3/17/2015	06:43:43	0.004
3/17/2015	06:44:43	0.001
3/17/2015	06:45:43	0
3/17/2015	06:46:43	0.001
3/17/2015	06:47:43	0.001
3/17/2015	06:48:43	0
3/17/2015	06:49:43	0.002
3/17/2015	06:50:43	0
3/17/2015	06:51:43	0
3/17/2015	06:52:43	0.003
3/17/2015	06:53:43	0
3/17/2015	06:54:43	0.002
3/17/2015	06:55:43	0.004
3/17/2015	06:56:43	0.002
3/17/2015	06:57:43	0
3/17/2015	06:58:43	0.001
3/17/2015	06:59:43	0.002
3/17/2015	07:00:43	0.004
3/17/2015	07:01:43	0
3/17/2015	07:02:43	0.003
3/17/2015	07:03:43	0
3/17/2015	07:04:43	0.001
3/17/2015	07:05:43	0
3/17/2015	07:06:43	0
3/17/2015	07:07:43	0
3/17/2015	07:08:43	0.002
3/17/2015	07:09:43	0

3/17/2015	07:10:43	0
3/17/2015	07:11:43	0
3/17/2015	07:12:43	0
3/17/2015	07:13:43	0
3/17/2015	07:14:43	0
3/17/2015	07:15:43	0
3/17/2015	07:16:43	0
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3/17/2015	07:18:43	0
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3/17/2015	07:22:43	0
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3/17/2015	07:24:43	0.001
3/17/2015	07:25:43	0.002
3/17/2015	07:26:43	0.001
3/17/2015	07:27:43	0.002
3/17/2015	07:28:43	0
3/17/2015	07:29:43	0
3/17/2015	07:30:43	0
3/17/2015	07:31:43	0
3/17/2015	07:32:43	0
3/17/2015	07:33:43	0.001
3/17/2015	07:34:43	0.004
3/17/2015	07:35:43	0
3/17/2015	07:36:43	0
3/17/2015	07:37:43	0
3/17/2015	07:38:43	0.002
3/17/2015	07:39:43	0
3/17/2015	07:40:43	0
3/17/2015	07:41:43	0
3/17/2015	07:42:43	0.001
3/17/2015	07:43:43	0
3/17/2015	07:44:43	0.001
3/17/2015	07:45:43	0.001
3/17/2015	07:46:43	0
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3/17/2015	07:48:43	0.001
3/17/2015	07:49:43	0.001
3/17/2015	07:50:43	0
3/17/2015	07:51:43	0
3/17/2015	07:52:43	0.001
3/17/2015	07:53:43	0

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3/17/2015	07:55:43	0
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3/17/2015	07:57:43	0
3/17/2015	07:58:43	0.001
3/17/2015	07:59:43	0
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3/17/2015	08:07:43	0.002
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3/17/2015	08:12:43	0
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3/17/2015	08:18:43	0
3/17/2015	08:19:43	0.002
3/17/2015	08:20:43	0
3/17/2015	08:21:43	0.001
3/17/2015	08:22:43	0
3/17/2015	08:23:43	0
3/17/2015	08:24:43	0
3/17/2015	08:25:43	0
3/17/2015	08:26:43	0.005
3/17/2015	08:27:43	0
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3/17/2015	08:29:43	0
3/17/2015	08:30:43	0
3/17/2015	08:31:43	0
3/17/2015	08:32:43	0
3/17/2015	08:33:43	0
3/17/2015	08:34:43	0.001
3/17/2015	08:35:43	0
3/17/2015	08:36:43	0
3/17/2015	08:37:43	0

3/17/2015	08:38:43	0
3/17/2015	08:39:43	0
3/17/2015	08:40:43	0
3/17/2015	08:41:43	0
3/17/2015	08:42:43	0
3/17/2015	08:43:43	0
3/17/2015	08:44:43	0.001
3/17/2015	08:45:43	0
3/17/2015	08:46:43	0
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3/17/2015	08:48:43	0
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3/17/2015	08:51:43	0
3/17/2015	08:52:43	0
3/17/2015	08:53:43	0.001
3/17/2015	08:54:43	0
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3/17/2015	08:56:43	0
3/17/2015	08:57:43	0.001
3/17/2015	08:58:43	0.001
3/17/2015	08:59:43	0.001
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3/17/2015	09:12:43	0
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3/17/2015	12:58:43	0
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3/17/2015	13:22:43	0
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3/17/2015	13:24:43	0
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3/18/2015	8:25:10	2.8
3/18/2015	8:26:10	3.4
3/18/2015	8:27:10	1.7
3/18/2015	8:28:10	2.1
3/18/2015	8:29:10	1.8
3/18/2015	8:30:10	1.7
3/18/2015	8:31:10	2.4
3/18/2015	8:32:10	2.9
3/18/2015	8:33:10	2
3/18/2015	8:34:10	2.2
3/18/2015	8:35:10	4.7
3/18/2015	8:36:10	2.2
3/18/2015	8:37:10	2
3/18/2015	8:38:10	3.7
3/18/2015	8:39:10	1.6
3/18/2015	8:40:10	1.3
3/18/2015	8:41:10	1.7
3/18/2015	8:42:10	2
3/18/2015	8:43:10	1.9
3/18/2015	8:44:10	1.8

3/18/2015	8:45:10	2.2
3/18/2015	8:46:10	3.9
3/18/2015	8:47:10	3.9
3/18/2015	8:48:10	3
3/18/2015	8:49:10	4.7
3/18/2015	8:50:10	2.3
3/18/2015	8:51:10	1.4
3/18/2015	8:52:10	2.2
3/18/2015	8:53:10	1.5
3/18/2015	8:54:10	2.3
3/18/2015	8:55:10	3.1
3/18/2015	8:56:10	2
3/18/2015	8:57:10	2
3/18/2015	8:58:10	1.6
3/18/2015	8:59:10	1.5
3/18/2015	9:00:10	2.1
3/18/2015	9:01:10	1.5
3/18/2015	9:02:10	1.8
3/18/2015	9:03:10	1.2
3/18/2015	9:04:10	1.7
3/18/2015	9:05:10	1.8
3/18/2015	9:06:10	1.9
3/18/2015	9:07:10	1.5
3/18/2015	9:08:10	1.4
3/18/2015	9:09:10	1.9
3/18/2015	9:10:10	2.8
3/18/2015	9:11:10	1.2
3/18/2015	9:12:10	1.3
3/18/2015	9:13:10	1.8
3/18/2015	9:14:10	1.4
3/18/2015	9:15:10	1.2
3/18/2015	9:16:10	1.1
3/18/2015	9:17:10	1.5
3/18/2015	9:18:10	2
3/18/2015	9:19:10	1.9
3/18/2015	9:20:10	1.8
3/18/2015	9:21:10	1.8
3/18/2015	9:22:10	2.3
3/18/2015	9:23:10	5.1
3/18/2015	9:24:10	2.1
3/18/2015	9:25:10	1.6
3/18/2015	9:26:10	1.8
3/18/2015	9:27:10	1.5
3/18/2015	9:28:10	2

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3/18/2015	9:30:10	1.4
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3/18/2015	9:35:10	1.5
3/18/2015	9:36:10	1.1
3/18/2015	9:37:10	1.7
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3/18/2015	9:39:10	1.2
3/18/2015	9:40:10	2.2
3/18/2015	9:41:10	1.8
3/18/2015	9:42:10	1.5
3/18/2015	9:43:10	1.5
3/18/2015	9:44:10	1.8
3/18/2015	9:45:10	1.5
3/18/2015	9:46:10	1.1
3/18/2015	9:47:10	1.7
3/18/2015	9:48:10	1.8
3/18/2015	9:49:10	1.9
3/18/2015	9:50:10	2
3/18/2015	9:51:10	1.8
3/18/2015	9:52:10	5.6
3/18/2015	9:53:10	1.9
3/18/2015	9:54:10	1.7
3/18/2015	9:55:10	2
3/18/2015	9:56:10	1.1
3/18/2015	9:57:10	1.3
3/18/2015	9:58:10	2.1
3/18/2015	9:59:10	1.4
3/18/2015	10:00:10	1.9
3/18/2015	10:01:10	1.5
3/18/2015	10:02:10	1.4
3/18/2015	10:03:10	1.5
3/18/2015	10:04:10	2
3/18/2015	10:05:10	2.5
3/18/2015	10:06:10	1.9
3/18/2015	10:07:10	1.5
3/18/2015	10:08:10	1.4
3/18/2015	10:09:10	1.5
3/18/2015	10:10:10	1.5
3/18/2015	10:11:10	0.9
3/18/2015	10:12:10	1.6

3/18/2015	10:13:10	0.6
3/18/2015	10:14:10	2.1
3/18/2015	10:15:10	1.4
3/18/2015	10:16:10	1.4
3/18/2015	10:17:10	2.2
3/18/2015	10:18:10	2
3/18/2015	10:19:10	2.3
3/18/2015	10:20:10	1.3
3/18/2015	10:21:10	1.7
3/18/2015	10:22:10	1.2
3/18/2015	10:23:10	1.8
3/18/2015	10:24:10	1.9
3/18/2015	10:25:10	1.2
3/18/2015	10:26:10	1.6
3/18/2015	10:27:10	0.9
3/18/2015	10:28:10	0.4
3/18/2015	10:29:10	1.1
3/18/2015	10:30:10	1.1
3/18/2015	10:31:10	1.5
3/18/2015	10:32:10	1.5
3/18/2015	10:33:10	1.2
3/18/2015	10:34:10	1.4
3/18/2015	10:35:10	1.6
3/18/2015	10:36:10	0.9
3/18/2015	10:37:10	1.8
3/18/2015	10:38:10	0.9
3/18/2015	10:39:10	1.4
3/18/2015	10:40:10	0.9
3/18/2015	10:41:10	1.5
3/18/2015	10:42:10	1.3
3/18/2015	10:43:10	0.9
3/18/2015	10:44:10	1.2
3/18/2015	10:45:10	1.6
3/18/2015	10:46:10	1.6
3/18/2015	10:47:10	1.2
3/18/2015	10:48:10	1.1
3/18/2015	10:49:10	1.4
3/18/2015	10:50:10	1.4
3/18/2015	10:51:10	1.3
3/18/2015	10:52:10	0.9
3/18/2015	10:53:10	1.1
3/18/2015	10:54:10	1.7
3/18/2015	10:55:10	1.3
3/18/2015	10:56:10	1.9

EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
COMMUNITY AIR MONITORING PROGRAM
UPWIND PARTICULATE MONITOR

3/18/2015	10:57:10	0.8
3/18/2015	10:58:10	1.3
3/18/2015	10:59:10	1
3/18/2015	11:00:10	1.1
3/18/2015	11:01:10	1.1
3/18/2015	11:02:10	1.9
3/18/2015	11:03:10	2.6
3/18/2015	11:04:10	1.2
3/18/2015	11:05:10	1
3/18/2015	11:06:10	0.6
3/18/2015	11:07:10	0.9
3/18/2015	11:08:10	1.6
3/18/2015	11:09:10	1.5
3/18/2015	11:10:10	1.7
3/18/2015	11:11:10	2.3
3/18/2015	11:12:10	2
3/18/2015	11:13:10	0.8
3/18/2015	11:14:10	1.3
3/18/2015	11:15:10	1.8
3/18/2015	11:16:10	1.2
3/18/2015	11:17:10	2.3
3/18/2015	11:18:10	4.8
3/18/2015	11:19:10	7.3
3/18/2015	11:20:10	5.5

EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
COMMUNITY AIR MONITORING PROGRAM
DOWNWIND VOLATILE ORGANIC COMPOUNDS

Date	Time	Avg(ppm)	Max(ppm)
3/17/2015	6:26	0	0
3/17/2015	6:27	0	0
3/17/2015	6:28	0	0
3/17/2015	6:29	0	0
3/17/2015	6:30	0	0
3/17/2015	6:31	0	0
3/17/2015	6:32	0	0
3/17/2015	6:33	0	0
3/17/2015	6:34	0	0.1
3/17/2015	6:35	0	0.1
3/17/2015	6:36	0	0.1
3/17/2015	6:37	0	0.1
3/17/2015	6:38	0	0.1
3/17/2015	6:39	0	0.1
3/17/2015	6:40	0.4	0.9
3/17/2015	6:41	0.2	0.3
3/17/2015	6:42	0	0.1
3/17/2015	6:43	0	0.1
3/17/2015	6:44	0	0
3/17/2015	6:45	0	0
3/17/2015	6:46	0	0
3/17/2015	6:47	0	0.1
3/17/2015	6:48	0	0.1
3/17/2015	6:49	0	0
3/17/2015	6:50	0	0
3/17/2015	6:51	0	0
3/17/2015	6:52	0	0
3/17/2015	6:53	0	0
3/17/2015	6:54	0	0
3/17/2015	6:55	0	0
3/17/2015	6:56	0	0
3/17/2015	6:57	0	0
3/17/2015	6:58	0	0
3/17/2015	6:59	0	0.1
3/17/2015	7:00	0	0.1
3/17/2015	7:01	0	0
3/17/2015	7:02	0	0
3/17/2015	7:03	0	0
3/17/2015	7:04	0	0
3/17/2015	7:05	0	0
3/17/2015	7:06	0	0
3/17/2015	7:07	0	0

3/17/2015	7:08	0	0
3/17/2015	7:09	0	0
3/17/2015	7:10	0	0
3/17/2015	7:11	0	0.1
3/17/2015	7:12	0	0
3/17/2015	7:13	0	0.1
3/17/2015	7:14	0	0.1
3/17/2015	7:15	0	0.1
3/17/2015	7:16	0	0.1
3/17/2015	7:17	0	0.1
3/17/2015	7:18	0	0.1
3/17/2015	7:19	0	0.1
3/17/2015	7:20	0	0.1
3/17/2015	7:21	0	0.1
3/17/2015	7:22	0	0.1
3/17/2015	7:23	0	0.1
3/17/2015	7:24	0	0.1
3/17/2015	7:25	0.1	0.1
3/17/2015	7:26	0.1	0.1
3/17/2015	7:27	0.1	0.1
3/17/2015	7:28	0.1	0.1
3/17/2015	7:29	0.1	0.1
3/17/2015	7:30	0.1	0.1
3/17/2015	7:31	0.1	0.1
3/17/2015	7:32	0.1	0.1
3/17/2015	7:33	0.1	0.1
3/17/2015	7:34	0.1	0.1
3/17/2015	7:35	0.1	0.1
3/17/2015	7:36	0.1	0.1
3/17/2015	7:37	0.1	0.1
3/17/2015	7:38	0.1	0.1
3/17/2015	7:39	0.1	0.1
3/17/2015	7:40	0.1	0.1
3/17/2015	7:41	0.1	0.1
3/17/2015	7:42	0.1	0.1
3/17/2015	7:43	0.1	0.1
3/17/2015	7:44	0.1	0.1
3/17/2015	7:45	0.1	0.1
3/17/2015	7:46	0.1	0.1
3/17/2015	7:47	0.1	0.1
3/17/2015	7:48	0.1	0.1
3/17/2015	7:49	0.1	0.1
3/17/2015	7:50	0.1	0.1
3/17/2015	7:51	0	0.1

3/17/2015	7:52	0	0.1
3/17/2015	7:53	0	0.1
3/17/2015	7:54	0	0.1
3/17/2015	7:55	0	0.1
3/17/2015	7:56	0	0.1
3/17/2015	7:57	0.1	0.1
3/17/2015	7:58	0.1	0.1
3/17/2015	7:59	0	0.1
3/17/2015	8:00	0	0.1
3/17/2015	8:01	0	0.1
3/17/2015	8:02	0	0.1
3/17/2015	8:03	0	0.1
3/17/2015	8:04	0	0.1
3/17/2015	8:05	0	0.1
3/17/2015	8:06	0	0.1
3/17/2015	8:07	0	0.1
3/17/2015	8:08	0	0.1
3/17/2015	8:09	0	0.1
3/17/2015	8:10	0	0.1
3/17/2015	8:11	0	0.1
3/17/2015	8:12	0	0.1
3/17/2015	8:13	0	0.1
3/17/2015	8:14	0	0.1
3/17/2015	8:15	0	0.1
3/17/2015	8:16	0	0.1
3/17/2015	8:17	0	0.1
3/17/2015	8:18	0	0.1
3/17/2015	8:19	0	0.1
3/17/2015	8:20	0	0.1
3/17/2015	8:21	0	0.1
3/17/2015	8:22	0	0.1
3/17/2015	8:23	0.1	0.1
3/17/2015	8:24	0.1	0.1
3/17/2015	8:25	0	0.1
3/17/2015	8:26	0	0.1
3/17/2015	8:27	0.1	0.1
3/17/2015	8:28	0	0.1
3/17/2015	8:29	0.1	0.1
3/17/2015	8:30	0.1	0.1
3/17/2015	8:31	0.1	0.1
3/17/2015	8:32	0.1	0.1
3/17/2015	8:33	0.1	0.1
3/17/2015	8:34	0.1	0.1
3/17/2015	8:35	0.1	0.1

3/17/2015	8:36	0.1	0.1
3/17/2015	8:37	0.1	0.1
3/17/2015	8:38	0.1	0.1
3/17/2015	8:39	0	0.1
3/17/2015	8:40	0.1	0.1
3/17/2015	8:41	0	0.1
3/17/2015	8:42	0.1	0.1
3/17/2015	8:43	0.1	0.1
3/17/2015	8:44	0	0.1
3/17/2015	8:45	0	0.1
3/17/2015	8:46	0	0.1
3/17/2015	8:47	0.1	0.1
3/17/2015	8:48	0.1	0.1
3/17/2015	8:49	0	0.1
3/17/2015	8:50	0.1	0.1
3/17/2015	8:51	0	0.1
3/17/2015	8:52	0	0.1
3/17/2015	8:53	0.1	0.1
3/17/2015	8:54	0.1	0.1
3/17/2015	8:55	0.1	0.1
3/17/2015	8:56	0.1	0.1
3/17/2015	8:57	0.1	0.1
3/17/2015	8:58	0.1	0.1
3/17/2015	8:59	0.1	0.1
3/17/2015	9:00	0.1	0.1
3/17/2015	9:01	0	0.1
3/17/2015	9:02	0.1	0.1
3/17/2015	9:03	0.1	0.1
3/17/2015	9:04	0.1	0.1
3/17/2015	9:05	0.1	0.1
3/17/2015	9:06	0.1	0.1
3/17/2015	9:07	0.1	0.1
3/17/2015	9:08	0.1	0.1
3/17/2015	9:09	0.1	0.1
3/17/2015	9:10	0.1	0.1
3/17/2015	9:11	0.1	0.1
3/17/2015	9:12	0.1	0.1
3/17/2015	9:13	0	0.1
3/17/2015	9:14	0	0.1
3/17/2015	9:15	0	0.1
3/17/2015	9:16	0	0.1
3/17/2015	9:17	0	0.1
3/17/2015	9:18	0	0.1
3/17/2015	9:19	0	0.1

3/17/2015	9:20	0	0.1
3/17/2015	9:21	0	0.1
3/17/2015	9:22	0.1	0.1
3/17/2015	9:23	0.1	0.1
3/17/2015	9:24	0.1	0.1
3/17/2015	9:25	0.1	0.1
3/17/2015	9:26	0.1	0.1
3/17/2015	9:27	0.1	0.1
3/17/2015	9:28	0.1	0.1
3/17/2015	9:29	0.1	0.1
3/17/2015	9:30	0.1	0.1
3/17/2015	9:31	0.1	0.1
3/17/2015	9:32	0.1	0.1
3/17/2015	9:33	0.1	0.1
3/17/2015	9:34	0.1	0.1
3/17/2015	9:35	0.1	0.1
3/17/2015	9:36	0.1	0.1
3/17/2015	9:37	0.1	0.1
3/17/2015	9:38	0.1	0.1
3/17/2015	9:39	0.1	0.1
3/17/2015	9:40	0.1	0.1
3/17/2015	9:41	0.1	0.1
3/17/2015	9:42	0.1	0.1
3/17/2015	9:43	0.1	0.1
3/17/2015	9:44	0.1	0.1
3/17/2015	9:45	0.1	0.1
3/17/2015	9:46	0.1	0.1
3/17/2015	9:47	0.1	0.1
3/17/2015	9:48	0.1	0.1
3/17/2015	9:49	0.1	0.1
3/17/2015	9:50	0.1	0.1
3/17/2015	9:51	0.1	0.1
3/17/2015	9:52	0.1	0.1
3/17/2015	9:53	0.1	0.1
3/17/2015	9:54	0.1	0.1
3/17/2015	9:55	0.1	0.1
3/17/2015	9:56	0.1	0.1
3/17/2015	9:57	0.1	0.1
3/17/2015	9:58	0.1	0.1
3/17/2015	9:59	0.1	0.1
3/17/2015	10:00	0.1	0.1
3/17/2015	10:01	0.1	0.1
3/17/2015	10:02	0.1	0.1
3/17/2015	10:03	0.1	0.1

3/17/2015	10:04	0.1	0.2
3/17/2015	10:05	0.1	0.1
3/17/2015	10:06	0.1	0.1
3/17/2015	10:07	0.1	0.1
3/17/2015	10:08	0	0.1
3/17/2015	10:09	0	0.1
3/17/2015	10:10	0	0.1
3/17/2015	10:11	0.1	0.2
3/17/2015	10:12	0	0.2
3/17/2015	10:13	0	0.1
3/17/2015	10:14	0	0.1
3/17/2015	10:15	0	0.1
3/17/2015	10:16	0	0.1
3/17/2015	10:17	0.3	1.6
3/17/2015	10:18	0.2	0.6
3/17/2015	10:19	0.2	0.3
3/17/2015	10:20	0.1	0.2
3/17/2015	10:21	0.1	0.3
3/17/2015	10:22	0	0.1
3/17/2015	10:23	0	0.1
3/17/2015	10:24	0.1	0.1
3/17/2015	10:25	0.1	0.1
3/17/2015	10:26	0.1	0.1
3/17/2015	10:27	0.1	0.1
3/17/2015	10:28	0	0.1
3/17/2015	10:29	0	0.1
3/17/2015	10:30	0	0.1
3/17/2015	10:31	0	0.1
3/17/2015	10:32	0	0.1
3/17/2015	10:33	0	0.2
3/17/2015	10:34	0	0.1
3/17/2015	10:35	0.1	0.3
3/17/2015	10:36	0	0.1
3/17/2015	10:37	0	0.1
3/17/2015	10:38	0	0.1
3/17/2015	10:39	0	0.1
3/17/2015	10:40	0	0.1
3/17/2015	10:41	0	0.1
3/17/2015	10:42	0	0.1
3/17/2015	10:43	0	0.1
3/17/2015	10:44	0	0.1
3/17/2015	10:45	0	0.1
3/17/2015	10:46	0	0.1
3/17/2015	10:47	0	0.1

3/17/2015	10:48	0	0.1
3/17/2015	10:49	0	0.1
3/17/2015	10:50	0	0.1
3/17/2015	10:51	0	0.1
3/17/2015	10:52	0	0
3/17/2015	10:53	0	0
3/17/2015	10:54	0	0
3/17/2015	10:55	0	0.1
3/17/2015	10:56	0	0
3/17/2015	10:57	0	0.1
3/17/2015	10:58	0	0
3/17/2015	10:59	0	0
3/17/2015	11:00	0	0
3/17/2015	11:01	0	0.1
3/17/2015	11:02	0	0
3/17/2015	11:03	0	0
3/17/2015	11:04	0	0
3/17/2015	11:05	0	0
3/17/2015	11:06	0	0
3/17/2015	11:07	0	0
3/17/2015	11:08	0	0
3/17/2015	11:09	0	0
3/17/2015	11:10	0	0
3/17/2015	11:11	0	0
3/17/2015	11:12	0	0
3/17/2015	11:13	0	0
3/17/2015	11:14	0	0.1
3/17/2015	11:15	0	0
3/17/2015	11:16	0	0
3/17/2015	11:17	0	0
3/17/2015	11:18	0	0
3/17/2015	11:19	0	0
3/17/2015	11:20	0	0.1
3/17/2015	11:21	0	0.1
3/17/2015	11:22	0	0
3/17/2015	11:23	0	0
3/17/2015	11:24	0	0
3/17/2015	11:25	0	0
3/17/2015	11:26	0	0
3/17/2015	11:27	0	0
3/17/2015	11:28	0	0
3/17/2015	11:29	0	0.1
3/17/2015	11:30	0	0
3/17/2015	11:31	0	0

3/17/2015	11:32	0	0
3/17/2015	11:33	0	0
3/17/2015	11:34	0	0
3/17/2015	11:35	0	0
3/17/2015	11:36	0	0
3/17/2015	11:37	0	0
3/17/2015	11:38	0	0
3/17/2015	11:39	0	0
3/17/2015	11:40	0	0
3/17/2015	11:41	0	0
3/17/2015	11:42	0	0
3/17/2015	11:43	0	0
3/17/2015	11:44	0	0
3/17/2015	11:45	0	0
3/17/2015	11:46	0	0
3/17/2015	11:47	0	0.1
3/17/2015	11:48	0	0.1
3/17/2015	11:49	0	0.1
3/17/2015	11:50	0	0.1
3/17/2015	11:51	0	0
3/17/2015	11:52	0	0
3/17/2015	11:53	0	0
3/17/2015	11:54	0	0
3/17/2015	11:55	0	0
3/17/2015	11:56	0	0
3/17/2015	11:57	0	0
3/17/2015	11:58	0	0
3/17/2015	11:59	0	0
3/17/2015	12:00	0	0
3/17/2015	12:01	0	0
3/17/2015	12:02	0	0
3/17/2015	12:03	0	0
3/17/2015	12:04	0	0
3/17/2015	12:05	0	0
3/17/2015	12:06	0	0
3/17/2015	12:07	0	0
3/17/2015	12:08	0	0
3/17/2015	12:09	0	0
3/17/2015	12:10	0	0
3/17/2015	12:11	0	0
3/17/2015	12:12	0	0
3/17/2015	12:13	0	0
3/17/2015	12:14	0	0
3/17/2015	12:15	0	0

3/17/2015	12:16	0	0
3/17/2015	12:17	0	0
3/17/2015	12:18	0	0
3/17/2015	12:19	0	0
3/17/2015	12:20	0	0
3/17/2015	12:21	0	0.2
3/17/2015	12:22	0	0
3/17/2015	12:23	0	0
3/17/2015	12:24	0	0
3/17/2015	12:25	0	0
3/17/2015	12:26	0	0
3/17/2015	12:27	0	0
3/17/2015	12:28	0	0
3/17/2015	12:29	0	0
3/17/2015	12:30	0	0
3/17/2015	12:31	0	0
3/17/2015	12:32	0	0
3/17/2015	12:33	0	0
3/17/2015	12:34	0	0
3/17/2015	12:35	0	0
3/17/2015	12:36	0	0
3/17/2015	12:37	0	0
3/17/2015	12:38	0	0
3/17/2015	12:39	0	0
3/17/2015	12:40	0	0.1
3/17/2015	12:41	0	0
3/17/2015	12:42	0	0
3/17/2015	12:43	0	0
3/17/2015	12:44	0	0
3/17/2015	12:45	0	0
3/17/2015	12:46	0	0.1
3/17/2015	12:47	0	0.1
3/17/2015	12:48	0	0.1
3/17/2015	12:49	0	0.1
3/17/2015	12:50	0	0.1
3/17/2015	12:51	0	0.1
3/17/2015	12:52	0	0.1
3/17/2015	12:53	0	0.1
3/17/2015	12:54	0	0.1
3/17/2015	12:55	0	0.1
3/17/2015	12:56	0	0.1
3/17/2015	12:57	0	0.1
3/17/2015	12:58	0	0.1
3/17/2015	12:59	0	0.1

3/17/2015	13:00	0	0.1
3/17/2015	13:01	0	0.1
3/17/2015	13:02	0	0.1
3/17/2015	13:03	0	0.1
3/17/2015	13:04	0	0.1
3/17/2015	13:05	0	0.1
3/17/2015	13:06	0	0.1
3/17/2015	13:07	0	0.1
3/17/2015	13:08	0	0.1
3/17/2015	13:09	0	0.1
3/17/2015	13:10	0	0.1
3/17/2015	13:11	0	0.1
3/17/2015	13:12	0	0.1
3/17/2015	13:13	0	0.1
3/17/2015	13:14	0	0.1
3/17/2015	13:15	0	0.1
3/17/2015	13:16	0	0.1
3/17/2015	13:17	0	0.1
3/17/2015	13:18	0	0.1
3/17/2015	13:19	0	0.1
3/17/2015	13:20	0	0.1
3/17/2015	13:21	0	0.1
3/17/2015	13:22	0	0.1
3/17/2015	13:23	0	0.1
3/18/2015	7:05	0	0.1
3/18/2015	7:06	0	0
3/18/2015	7:07	0	0
3/18/2015	7:08	0	0
3/18/2015	7:09	0	0.1
3/18/2015	7:10	0	0
3/18/2015	7:11	0	0
3/18/2015	7:12	0	0
3/18/2015	7:13	0	0
3/18/2015	7:14	0	0
3/18/2015	7:15	0	0
3/18/2015	7:16	0	0
3/18/2015	7:17	0	0
3/18/2015	7:18	0	0
3/18/2015	7:19	0	0
3/18/2015	7:20	0	0
3/18/2015	7:21	0	0
3/18/2015	7:22	0	0
3/18/2015	7:23	0	0
3/18/2015	7:24	0	0

3/18/2015	7:25	0	0
3/18/2015	7:26	0	0
3/18/2015	7:27	0	0
3/18/2015	7:28	0	0
3/18/2015	7:29	0	0
3/18/2015	7:30	0	0
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3/18/2015	7:32	0	0
3/18/2015	7:33	0	0
3/18/2015	7:34	0	0
3/18/2015	7:35	0	0
3/18/2015	7:36	0	0
3/18/2015	7:37	0	0
3/18/2015	7:38	0	0
3/18/2015	7:39	0	0
3/18/2015	7:40	0	0
3/18/2015	7:41	0	0
3/18/2015	7:42	0	0
3/18/2015	7:43	0	0
3/18/2015	7:44	0	0
3/18/2015	7:45	0	0
3/18/2015	7:46	0	0
3/18/2015	7:47	0	0
3/18/2015	7:48	0	0
3/18/2015	7:49	0	0
3/18/2015	7:50	0	0
3/18/2015	7:51	0	0
3/18/2015	7:52	0	0
3/18/2015	7:53	0	0
3/18/2015	7:54	0	0
3/18/2015	7:55	0	0
3/18/2015	7:56	0	0
3/18/2015	7:57	0	0
3/18/2015	7:58	0	0
3/18/2015	7:59	0	0
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3/18/2015	8:01	0	0
3/18/2015	8:02	0	0
3/18/2015	8:03	0	0
3/18/2015	8:04	0	0
3/18/2015	8:05	0	0
3/18/2015	8:06	0	0
3/18/2015	8:07	0	0
3/18/2015	8:08	0	0

3/18/2015	8:09	0	0
3/18/2015	8:10	0	0
3/18/2015	8:11	0	0
3/18/2015	8:12	0	0
3/18/2015	8:13	0	0
3/18/2015	8:14	0	0
3/18/2015	8:15	0	0
3/18/2015	8:16	0	0
3/18/2015	8:17	0	0
3/18/2015	8:18	0	0
3/18/2015	8:19	0	0
3/18/2015	8:20	0	0
3/18/2015	8:21	0	0
3/18/2015	8:22	0	0
3/18/2015	8:23	0	0
3/18/2015	8:24	0	0
3/18/2015	8:25	0	0
3/18/2015	8:26	0	0
3/18/2015	8:27	0	0
3/18/2015	8:28	0	0
3/18/2015	8:29	0	0
3/18/2015	8:30	0	0
3/18/2015	8:31	0	0
3/18/2015	8:32	0	0
3/18/2015	8:33	0	0
3/18/2015	8:34	0	0
3/18/2015	8:35	0	0
3/18/2015	8:36	0	0
3/18/2015	8:37	0	0
3/18/2015	8:38	0	0
3/18/2015	8:39	0	0
3/18/2015	8:40	0	0
3/18/2015	8:41	0	0
3/18/2015	8:42	0	0
3/18/2015	8:43	0	0
3/18/2015	8:44	0	0
3/18/2015	8:45	0	0
3/18/2015	8:46	0	0
3/18/2015	8:47	0	0
3/18/2015	8:48	0	0
3/18/2015	8:49	0	0
3/18/2015	8:50	0	0
3/18/2015	8:51	0	0
3/18/2015	8:52	0	0

3/18/2015	8:53	0	0
3/18/2015	8:54	0	0
3/18/2015	8:55	0	0
3/18/2015	8:56	0	0
3/18/2015	8:57	0	0
3/18/2015	8:58	0	0
3/18/2015	8:59	0	0
3/18/2015	9:00	0	0
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3/18/2015	9:02	0	0
3/18/2015	9:03	0	0
3/18/2015	9:04	0	0
3/18/2015	9:05	0	0
3/18/2015	9:06	0	0
3/18/2015	9:07	0	0
3/18/2015	9:08	0	0
3/18/2015	9:09	0	0
3/18/2015	9:10	0	0
3/18/2015	9:11	0	0
3/18/2015	9:12	0	0
3/18/2015	9:13	0	0
3/18/2015	9:14	0	0
3/18/2015	9:15	0	0.1
3/18/2015	9:16	0	0.1
3/18/2015	9:17	0	0
3/18/2015	9:18	0	0.1
3/18/2015	9:19	0	0.1
3/18/2015	9:20	0	0.1
3/18/2015	9:21	0	0.1
3/18/2015	9:22	0	0.1
3/18/2015	9:23	0	0.1
3/18/2015	9:24	0	0.1
3/18/2015	9:25	0	0.1
3/18/2015	9:26	0	0.1
3/18/2015	9:27	0	0.1
3/18/2015	9:28	0	0.1
3/18/2015	9:29	0	0.1
3/18/2015	9:30	0	0.1
3/18/2015	9:31	0	0.1
3/18/2015	9:32	0	0.1
3/18/2015	9:33	0	0.1
3/18/2015	9:34	0	0.1
3/18/2015	9:35	0	0.1
3/18/2015	9:36	0	0.1

3/18/2015	9:37	0.1	0.1
3/18/2015	9:38	0	0.1
3/18/2015	9:39	0.1	0.1
3/18/2015	9:40	0.1	0.2
3/18/2015	9:41	0.1	0.1
3/18/2015	9:42	0.1	0.1
3/18/2015	9:43	0.1	0.1
3/18/2015	9:44	0.1	0.1
3/18/2015	9:45	0.1	0.1
3/18/2015	9:46	0	0.1
3/18/2015	9:47	0.1	0.1
3/18/2015	9:48	0.1	0.2
3/18/2015	9:49	0.1	0.2
3/18/2015	9:50	0.1	0.1
3/18/2015	9:51	0.1	0.2
3/18/2015	9:52	0.1	0.2
3/18/2015	9:53	0.1	0.1
3/18/2015	9:54	0.1	0.2
3/18/2015	9:55	0.1	0.1
3/18/2015	9:56	0.1	0.1
3/18/2015	9:57	0.1	0.2
3/18/2015	9:58	0.1	0.2
3/18/2015	9:59	0.1	0.2
3/18/2015	10:00	0.1	0.1
3/18/2015	10:01	0.1	0.2
3/18/2015	10:02	0.1	0.2
3/18/2015	10:03	0.1	0.1
3/18/2015	10:04	0.1	0.2
3/18/2015	10:05	0.1	0.2
3/18/2015	10:06	0.1	0.2
3/18/2015	10:07	0.1	0.2
3/18/2015	10:08	0.1	0.2
3/18/2015	10:09	0.1	0.2
3/18/2015	10:10	0.1	0.2
3/18/2015	10:11	0.1	0.2
3/18/2015	10:12	0.1	0.2
3/18/2015	10:13	0.1	0.2
3/18/2015	10:14	0.1	0.2
3/18/2015	10:15	0.1	0.2
3/18/2015	10:16	0.1	0.2
3/18/2015	10:17	0.1	0.2
3/18/2015	10:18	0.1	0.2
3/18/2015	10:19	0.1	0.2
3/18/2015	10:20	0.1	0.2

3/18/2015	10:21	0.1	0.2
3/18/2015	10:22	0.1	0.2
3/18/2015	10:23	0.1	0.2
3/18/2015	10:24	0.1	0.2
3/18/2015	10:25	0.1	0.2
3/18/2015	10:26	0.1	0.2
3/18/2015	10:27	0.1	0.2
3/18/2015	10:28	0.1	0.2
3/18/2015	10:29	0.1	0.2
3/18/2015	10:30	0.1	0.2
3/18/2015	10:31	0.1	0.2
3/18/2015	10:32	0.1	0.2
3/18/2015	10:33	0.1	0.2
3/18/2015	10:34	0.1	0.2
3/18/2015	10:35	0.1	0.2
3/18/2015	10:36	0.1	0.2
3/18/2015	10:37	0.1	0.3
3/18/2015	10:38	0.1	0.3
3/18/2015	10:39	0.1	0.3
3/18/2015	10:40	0.1	0.2
3/18/2015	10:41	0.1	0.3
3/18/2015	10:42	0.1	0.3
3/18/2015	10:43	0.1	0.4
3/18/2015	10:44	0.1	0.4
3/18/2015	10:45	0.2	0.4
3/18/2015	10:46	0.1	0.4
3/18/2015	10:47	0.2	0.5
3/18/2015	10:48	0.1	0.5
3/18/2015	10:49	0.2	0.5
3/18/2015	10:50	0.2	0.5
3/18/2015	10:51	0.2	0.4
3/18/2015	10:52	0.1	0.4
3/18/2015	10:53	0.1	0.2
3/18/2015	10:54	0.1	0.3
3/18/2015	10:55	0.1	0.3
3/18/2015	10:56	0.1	0.3
3/18/2015	10:57	0.1	0.2
3/18/2015	10:58	0.1	0.2
3/18/2015	10:59	0.1	0.2
3/18/2015	11:00	0.1	0.2
3/18/2015	11:01	0.2	0.3
3/18/2015	11:02	0.1	0.2
3/18/2015	11:03	0.1	0.3
3/18/2015	11:04	0.2	0.3

3/18/2015	11:05	0.2	0.3
3/18/2015	11:06	0.2	0.3
3/18/2015	11:07	0.2	0.3
3/18/2015	11:08	0.2	0.3
3/18/2015	11:09	0.2	0.3
3/18/2015	11:10	0.2	0.3
3/18/2015	11:11	0.2	0.2
3/18/2015	11:12	0.2	0.2
3/18/2015	11:13	0.2	0.3
3/18/2015	11:14	0.2	0.3
3/18/2015	11:15	0.1	0.3

EAST GARDEN CITY FORMER STEWART AVENUE HOLDER STATION
SOUTHWEST CABLE TRENCH SOIL PRECHARACTERIZATION PROGRAM
COMMUNITY AIR MONITORING PROGRAM
DOWNWIND PARTICULATE MONITOR

Date	Time	Avg.(mg/m3)
3/17/2015	06:27:41	0.003
3/17/2015	06:28:41	0.001
3/17/2015	06:29:41	0
3/17/2015	06:30:41	0.001
3/17/2015	06:31:41	0.002
3/17/2015	06:32:41	0
3/17/2015	06:33:41	0.002
3/17/2015	06:34:41	0.001
3/17/2015	06:35:41	0
3/17/2015	06:36:41	0.001
3/17/2015	06:37:41	0.004
3/17/2015	06:38:41	0.001
3/17/2015	06:39:41	0.002
3/17/2015	06:40:41	0.001
3/17/2015	06:41:41	0.008
3/17/2015	06:42:41	0.002
3/17/2015	06:43:41	0
3/17/2015	06:44:41	0
3/17/2015	06:45:41	0
3/17/2015	06:46:41	0
3/17/2015	06:47:41	0
3/17/2015	06:48:41	0
3/17/2015	06:49:41	0
3/17/2015	06:50:41	0
3/17/2015	06:51:41	0
3/17/2015	06:52:41	0
3/17/2015	06:53:41	0.001
3/17/2015	06:54:41	0.001
3/17/2015	06:55:41	0.001
3/17/2015	06:56:41	0.003
3/17/2015	06:57:41	0.004
3/17/2015	06:58:41	0.001
3/17/2015	06:59:41	0
3/17/2015	07:00:41	0.001
3/17/2015	07:01:41	0.003
3/17/2015	07:02:41	0.002
3/17/2015	07:03:41	0.004
3/17/2015	07:04:41	0.002
3/17/2015	07:05:41	0.004
3/17/2015	07:06:41	0.003
3/17/2015	07:07:41	0.002
3/17/2015	07:08:41	0.001

3/17/2015	07:09:41	0.001
3/17/2015	07:10:41	0.002
3/17/2015	07:11:41	0.001
3/17/2015	07:12:41	0.003
3/17/2015	07:13:41	0.004
3/17/2015	07:14:41	0.003
3/17/2015	07:15:41	0.001
3/17/2015	07:16:41	0.001
3/17/2015	07:17:41	0.007
3/17/2015	07:18:41	0.002
3/17/2015	07:19:41	0.006
3/17/2015	07:20:41	0.003
3/17/2015	07:21:41	0.005
3/17/2015	07:22:41	0.001
3/17/2015	07:23:41	0.004
3/17/2015	07:24:41	0.001
3/17/2015	07:25:41	0.004
3/17/2015	07:26:41	0.003
3/17/2015	07:27:41	0.005
3/17/2015	07:28:41	0.006
3/17/2015	07:29:41	0.004
3/17/2015	07:30:41	0.004
3/17/2015	07:31:41	0.011
3/17/2015	07:32:41	0.006
3/17/2015	07:33:41	0.013
3/17/2015	07:34:41	0.015
3/17/2015	07:35:41	0.009
3/17/2015	07:36:41	0.009
3/17/2015	07:37:41	0.005
3/17/2015	07:38:41	0.012
3/17/2015	07:39:41	0.004
3/17/2015	07:40:41	0.006
3/17/2015	07:41:41	0.011
3/17/2015	07:42:41	0.006
3/17/2015	07:43:41	0.006
3/17/2015	07:44:41	0.003
3/17/2015	07:45:41	0.012
3/17/2015	07:46:41	0.004
3/17/2015	07:47:41	0.01
3/17/2015	07:48:41	0.005
3/17/2015	07:49:41	0.01
3/17/2015	07:50:41	0.007
3/17/2015	07:51:41	0.007
3/17/2015	07:52:41	0.011

3/17/2015	07:53:41	0.008
3/17/2015	07:54:41	0.009
3/17/2015	07:55:41	0.006
3/17/2015	07:56:41	0.008
3/17/2015	07:57:41	0.003
3/17/2015	07:58:41	0.006
3/17/2015	07:59:41	0.012
3/17/2015	08:00:41	0.003
3/17/2015	08:01:41	0.006
3/17/2015	08:02:41	0.006
3/17/2015	08:03:41	0.008
3/17/2015	08:04:41	0.006
3/17/2015	08:05:41	0.005
3/17/2015	08:06:41	0.012
3/17/2015	08:07:41	0.006
3/17/2015	08:08:41	0.009
3/17/2015	08:09:41	0.008
3/17/2015	08:10:41	0.007
3/17/2015	08:11:41	0.008
3/17/2015	08:12:41	0.01
3/17/2015	08:13:41	0.009
3/17/2015	08:14:41	0.01
3/17/2015	08:15:41	0.005
3/17/2015	08:16:41	0.006
3/17/2015	08:17:41	0.014
3/17/2015	08:18:41	0.005
3/17/2015	08:19:41	0.006
3/17/2015	08:20:41	0.015
3/17/2015	08:21:41	0.011
3/17/2015	08:22:41	0.007
3/17/2015	08:23:41	0.012
3/17/2015	08:24:41	0.007
3/17/2015	08:25:41	0.006
3/17/2015	08:26:41	0.001
3/17/2015	08:27:41	0.007
3/17/2015	08:28:41	0.007
3/17/2015	08:29:41	0.003
3/17/2015	08:30:41	0.008
3/17/2015	08:31:41	0.007
3/17/2015	08:32:41	0.008
3/17/2015	08:33:41	0.009
3/17/2015	08:34:41	0.006
3/17/2015	08:35:41	0.01
3/17/2015	08:36:41	0.006

3/17/2015	08:37:41	0.004
3/17/2015	08:38:41	0.008
3/17/2015	08:39:41	0.006
3/17/2015	08:40:41	0.009
3/17/2015	08:41:41	0.003
3/17/2015	08:42:41	0.008
3/17/2015	08:43:41	0.008
3/17/2015	08:44:41	0.007
3/17/2015	08:45:41	0.007
3/17/2015	08:46:41	0.005
3/17/2015	08:47:41	0.008
3/17/2015	08:48:41	0.013
3/17/2015	08:49:41	0.007
3/17/2015	08:50:41	0.012
3/17/2015	08:51:41	0.007
3/17/2015	08:52:41	0.007
3/17/2015	08:53:41	0.002
3/17/2015	08:54:41	0.006
3/17/2015	08:55:41	0.007
3/17/2015	08:56:41	0.004
3/17/2015	08:57:41	0.013
3/17/2015	08:58:41	0.01
3/17/2015	08:59:41	0.011
3/17/2015	09:00:41	0.013
3/17/2015	09:01:41	0.008
3/17/2015	09:02:41	0.004
3/17/2015	09:03:41	0.004
3/17/2015	09:04:41	0.008
3/17/2015	09:05:41	0.008
3/17/2015	09:06:41	0.002
3/17/2015	09:07:41	0.006
3/17/2015	09:08:41	0.009
3/17/2015	09:09:41	0.008
3/17/2015	09:10:41	0.006
3/17/2015	09:11:41	0.008
3/17/2015	09:12:41	0.008
3/17/2015	09:13:41	0.01
3/17/2015	09:14:41	0.005
3/17/2015	09:15:41	0.008
3/17/2015	09:16:41	0.004
3/17/2015	09:17:41	0.005
3/17/2015	09:18:41	0.004
3/17/2015	09:19:41	0.002
3/17/2015	09:20:41	0.009

3/17/2015	09:21:41	0.003
3/17/2015	09:22:41	0.003
3/17/2015	09:23:41	0.005
3/17/2015	09:24:41	0.004
3/17/2015	09:25:41	0.002
3/17/2015	09:26:41	0.004
3/17/2015	09:27:41	0.003
3/17/2015	09:28:41	0.003
3/17/2015	09:29:41	0.004
3/17/2015	09:30:41	0.005
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3/17/2015	09:32:41	0.006
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