William J. Ryan
Project Manager

nationalgrid

February 25, 2016

Mr. Henry Willems
New York State Department of Environmental Conservation
MGP Remedial Section, Division of Environmental Remediation
Bureau of Western Remedial Action, 11th Floor
625 Broadway
Albany, New York 12233-7017

Re: Phase 2 Additional Borings, Phase 2 Data Submittal, and Phase 3 Test Pit Plan
Phase 2/3 Remedial Investigation
Greenpoint Energy Center Former Manufactured Gas Plant
287 Maspeth Avenue, Brooklyn, New York
Site No. 224052

Dear Mr. Willems:

The Greenpoint Energy Center Remedial Investigation is being implemented following the New York State Department of Environmental Conservation (NYSDEC)-approved Phase 2/3 Remedial Investigation Work Plan (RIWP) for the Greenpoint Energy Center Former Manufactured Gas Plant (MGP) site (Site), dated October 31, 2013. Phase 2 of the RI program has been largely completed and GEI Consultants, Inc., P.C. (GEI) is preparing to complete Phase 2 and begin Phase 3 of the investigation.

The soil boring and well installations in Areas 4 and 5 were completed in August 2015. As discussed in a meeting with you at the Site on October 7, 2015, additional investigation is warranted on Holder Pads 1 and 2. Delineation borings were also recommended to the north of the non-aqueous phase liquid (NAPL)-saturated area in the vicinity of GPEC-SB304. The proposed additional boring locations are shown on **Figure 1**. Soil analytical data and boring logs from the Phase 2 borings completed during 2015 are included as **Attachment 1**.

As stated above, GEI is currently planning to begin Phase 3 of the RI program. As agreed in the October 7, 2015 meeting, Phase 3 will commence in Area 7 of the Site. The program field investigation approach will remain as outlined in the RIWP and includes the following approach:

- Identify general areas of concern (AOC) based on review of historical plant drawings/documents.
- Refine AOC based on a detailed review of historical equipment operations.
- Excavate test pits to the water table to assess NAPL presence or absence in the soil and on the groundwater surface.
- Develop a soil boring program to further delineate test pit findings, with NYSDEC approval.

175 East Old Country Road, Hicksville, NY 11801
T: 516.545.2586 F: 516-545-2582 william.ryan@nationalgrid.com www.nationalgrid.com

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Proposed test pit locations were presented in the Phase 2/3 RIWP and subsequently approved. After further review of available information, several additional test pits are recommended. The revised test pit plan is included on **Figure 2**. Final locations will be determined in the field based on access, surrounding conditions, and the presence of subsurface infrastructure. Additional borings may be added based on observations of subsurface conditions. Following the completion of the test pit program in Area 7, a soil boring program will be submitted for your review and approval.

If you have any questions or require additional information, please feel free to contact me at 516-545-2586 or by e-mail at william.ryan@nationalgrid.com.

Sincerely,

for

William J. Ryan
Project Manager

Enclosures

cc: D. Hetrick (NYSDOH)
G. Cross (NSYDEC)

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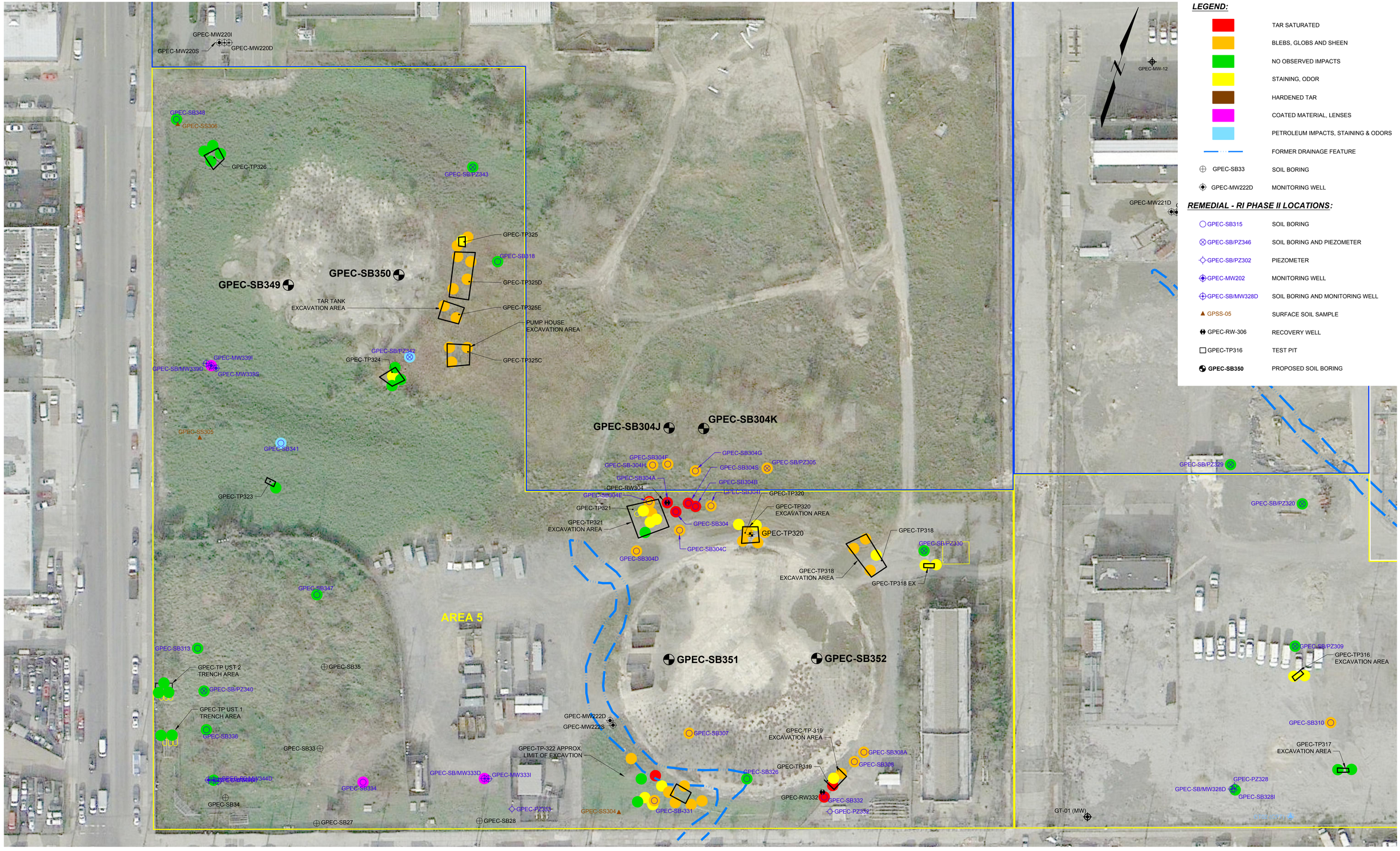
Figures



NOTES:

1. AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE™ EARTH PRO *(http://www.google.com/earth/)*, IMAGERY DATE: 6/17/2010, ACCESSED ON: 11/18/2014.

Phase II Remedial Investigation Former Manufactured Gas Plant Site Brooklyn, New York	GEI Consultants	PHASE 2 - ADDITIONAL BORING LOCATIONS
nationalgrid	Project 125180	January 2016 Fig. 1

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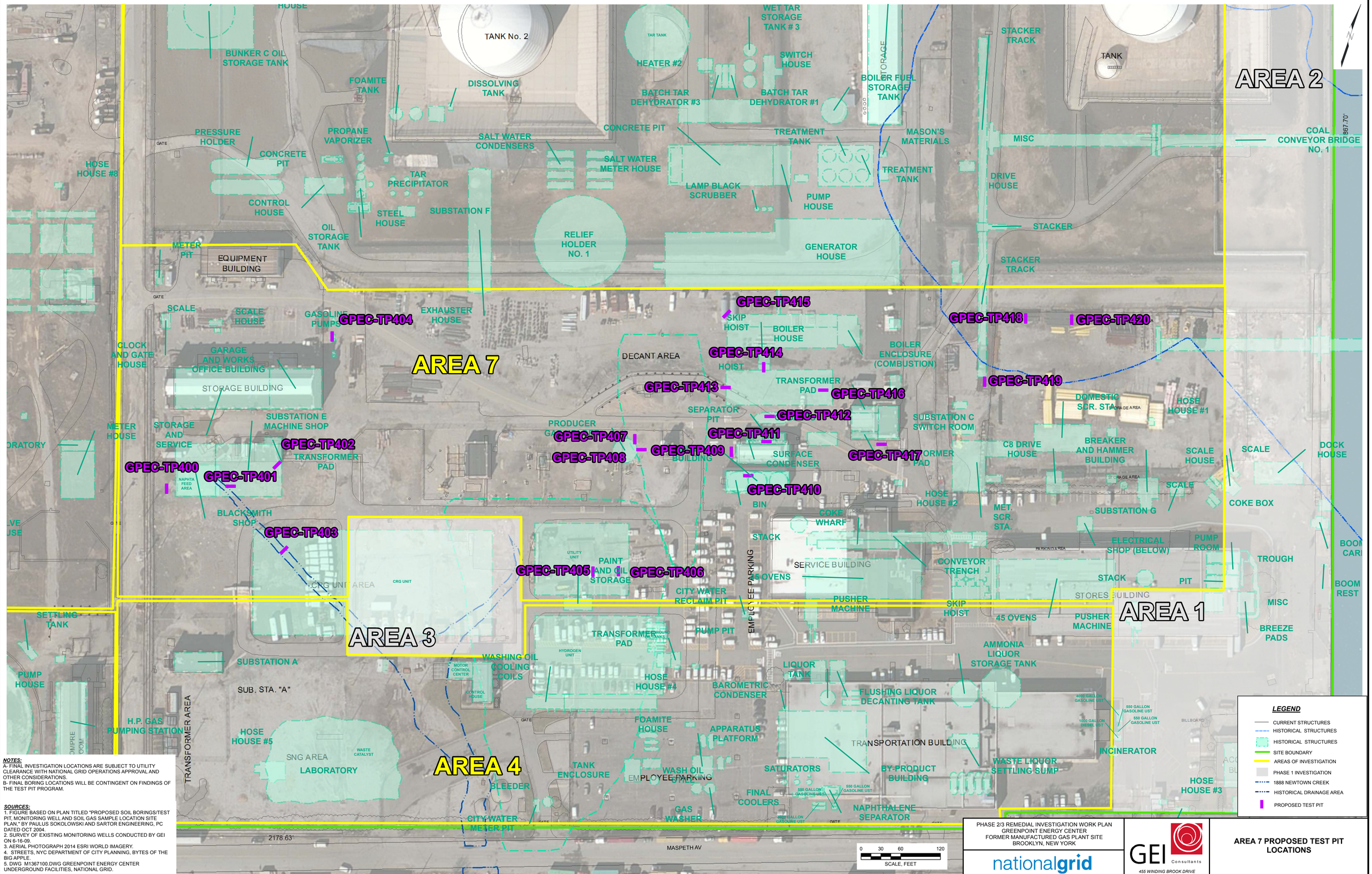

NOTES:
A- FINAL INVESTIGATION LOCATIONS ARE SUBJECT TO UTILITY CLEARANCE WITH NATIONAL GRID OPERATIONS APPROVAL AND OTHER CONSIDERATIONS.
B- FINAL BORING LOCATIONS WILL BE CONTINGENT ON FINDINGS OF THE TEST PIT PROGRAM.

SOURCES:
1. FIGURE BASED ON PLAN TITLED "PROPOSED SOIL BORINGS/TEST PIT, MONITORING WELL AND SOIL GAS SAMPLE LOCATION SITE PLAN," BY PAULUS SOKOLOWSKI AND SARTOR ENGINEERING, PC DATED OCT 2004.
2. SURVEY OF EXISTING MONITORING WELLS CONDUCTED BY GEI ON 6-16-09.
3. AERIAL PHOTOGRAPH 2014 ESRI WORLD IMAGERY.
4. STREETS, NYC DEPARTMENT OF CITY PLANNING, BYTES OF THE BIG APPLE.
5. DWG M1367100.DWG GREENPOINT ENERGY CENTER UNDERGROUND FACILITIES, NATIONAL GRID.

PHASE 2/3 REMEDIAL INVESTIGATION WORK PLAN
GREENPOINT ENERGY CENTER
FORMER MANUFACTURED GAS PLANT SITE
BROOKLYN, NEW YORK

nationalgrid

PROJECT 125180-1-1101

GEI Consultants
455 WINDING BROOK DRIVE
SUITE 201
GLASTONBURY, CONNECTICUT 06033

AREA 7 PROPOSED TEST PIT LOCATIONS

January 2016 Fig. 2

J:\Projects\National_Grid\Greenpoint\Phase_2_RI\Area 7 Proposed Test Pit.mxd

Attachment 1

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB301	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-305	GPEC-SB/PZ-305	GPEC-SB306	GPEC-SB306
				Sample Name	GPEC-SB301 (5-5.5)	GPEC-SB302	GPEC-SB302 (20-21)	GPEC-SB302 (74-75)	GPEC-SB505 (74-75)	GPEC-SB/PZ304 (1.5-2)	GPEC-SB/PZ304 (15-16)	GPEC-SB/PZ304 (29-30)	GPEC-SB/PZ305 (2.5-3)	GPEC-SB/PZ305 (18.5-19.5)	GPEC-SB306 (5-5.5)	GPEC-SB306 (19-20)
				Start Depth	5	5	20	74	74	1.5	15	29	2.5	18.5	5	19
				End Depth	5.5	5.5	21	75	75	2	16	30	3	19.5	5.5	20
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/11/2015	3/11/2015	7/23/2015	7/23/2015	7/23/2015	3/18/2015	3/31/2015	3/31/2015	3/24/2015	3/31/2015	3/11/2015	7/21/2015
				Parent Sample					GPEC-SB-302 (74-75)							
Analyte	Units	CAS No.	Unrestricted SCO	Industrial SCO												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	0.00583 UJ	0.00577 U	**0.011 J**	0.00643 UJ	0.006 UJ	0.00563 U	**18.7 J**	**1.37 J**	0.00584 U	**16.1 J**	0.00627 UJ	11.1 U
Toluene		108-88-3	0.7	1000	0.00583 UJ	0.00577 U	**0.00277 J**	0.00643 UJ	0.006 UJ	0.00563 U	**35.7 J**	**0.952 J**	0.00584 U	**1.26 J**	0.00627 UJ	11.1 U
Ethylbenzene		100-41-4	1	780	0.00583 UJ	0.00577 U	**0.015 J**	0.00643 UJ	0.006 UJ	0.00563 U	**893 J**	**37.8 J**	0.00584 U	**464 J**	0.00627 UJ	**129 D**
Total Xylene		1330-20-7	0.26	1000	0.012 UJ	0.012 U	**0.02 J**	0.013 UJ	0.012 UJ	0.011 U	**1190 J**	**40.8 J**	0.012 U	**103 J**	0.013 UJ	**84.1 D**
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	ND	ND	**0.04877**	ND	ND	ND	**2137.4**	**80.922**	ND	**584.36**	ND	**213.1**
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.029 UJ	0.029 U	0.031 UJ	0.032 UJ	0.03 UJ	0.028 U	13.2 UJ	2.34 UJ	0.029 U	5.36 UJ	0.031 UJ	22.3 U
Acrolein (propenal)		107-02-8	NE	NE	0.117 R	0.115 U	0.125 UJ	0.129 UJ	0.12 UJ	0.113 U	132 R	23.4 R	0.117 U	53.6 R	0.125 R	223 U
Acrylonitrile		107-13-1	NE	NE	0.117 UJ	0.115 U	0.125 UJ	0.129 UJ	0.12 UJ	0.113 U	132 UJ	23.4 UJ	0.117 U	53.6 UJ	0.125 UJ	223 U
Bromodichloromethane		75-27-4	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Bromoform		75-25-2	NE	NE	0.00583 UJ	0.00577 U	0.013 UJ	0.013 UJ	0.012 UJ	0.00563 U	13.2 UJ	2.34 UJ	0.00584 U	5.36 UJ	0.00627 UJ	11.1 U
Bromomethane		74-83-9	NE	NE	0.012 UJ	0.012 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.011 U	6.61 UJ	1.17 UJ	0.012 U	2.68 UJ	0.013 UJ	11.1 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.023 R	0.023 U	**0.316 J**	0.026 UJ	0.024 UJ	0.023 U	13.2 R	2.34 R	0.023 U	5.36 R	0.025 R	22.3 U
Carbon disulfide		75-15-0	NE	NE	0.00583 UJ	0.00577 U	**0.00561 J**	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Carbon tetrachloride		56-23-5	0.76	44	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Chlorobenzene		108-90-7	1.1	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Chloroethane		75-00-3	NE	NE	0.012 UJ	0.012 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.011 U	6.61 UJ	1.17 UJ	0.012 U	2.68 UJ	0.013 UJ	11.1 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Chloroform		67-66-3	0.37	700	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Chloromethane		74-87-3	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Dibromochloromethane		124-48-1	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1-Dichloroethane		75-34-3	0.27	480	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,2-Dichloroethane		107-06-2	0.02	60	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,2-Dichloropropane		78-87-5	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Diisopropyl ether		108-20-3	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
2-Hexanone		591-78-6	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00583 UJ	0.00577 U	**0.00978 J**	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Methylene chloride		75-09-2	0.05	1000	0.012 UJ	0.012 U	**0.041 J**	**0.04 J**	**0.038 J**	**0.012 CD**	13.2 UJ	2.34 UJ	**0.02 CD**	5.36 UJ	0.013 UJ	22.3 U
Styrene		100-42-5	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00583 UJ	0.00577 U	**0.016 J**	**0.019 J**	**0.02 J**	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Vinyl acetate		108-05-4	NE	NE	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
Vinyl chloride		75-01-4	0.02	27	0.00583 UJ	0.00577 U	0.00624 UJ	0.00643 UJ	0.006 UJ	0.00563 U	6.61 UJ	1.17 UJ	0.00584 U	2.68 UJ	0.00627 UJ	11.1 U
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	**1.07**	0.037 U	0.04 U	0.043 U	0.039 U	**0.28**	**29.8**	**4.71**	**0.205**	**43.5**	**0.561**	**53.2 D**
Acenaphthylene		208-96-8	100	1000	**0.256**	0.037 U	0.04 U	0.043 U	0.039 U	**0.549**	**17.9**	**0.971**	**0.14**	**6.1**	**0.235**	**1.16**
Anthracene		120-12-7	100	1000	**2.47**	**0.07**	0.04 U	0.043 U	0.039 U	**1.08**	**29.4**	**4.15**	**0.585**	**23.7**	**1.37**	**5.28**
Benzo(a)anthracene		56-55-3	1	11	**5.39**	**0.503**	0.04 U	0.043 U	0.039 U	**2.42**	**20.3**	**2.77**	**2.29**	**25.4**	**5.19**	**2.42**
Benzo(b)fluoranthene		205-99-2	1	11	**4.93**	**0.823**	0.04 U	0.043 U	0.039 U	**2.26**	**11.4**	**1.26**	**2.26**	**11**	**6.35**	**1.64**
Benzo(k)fluoranthene		207-08-9	0.8	110	**4.58**	**0.56**	0.04 U	0.043 U	0.039 U	**1.93**	**12.1**	**1.97**	**1.92**	**15.8**	**4.38**	**1.17**
Benzo(g,h,i)perylene		191-24-2	100	1000	**3.7**	**0.556**	0.04 U	0.043 U	0.039 U	**1.52**	**9.74**	**0.964**	**1.75**	**9.53**	**4.36**	**0.847**
Benzo(a)pyrene		50-32-8	1	1.1	**5.75**	**0.6**	0.04 U	0.043 U	0.039 U	**2.78**	**20.3**	**2.67**	**2.92**	**16.5**	**6.58**	**1.52**
Chrysene		218-01-9	1	110	**5.64**	**0.632**	0.04 U	0.043 U	0.039 U	**2.58**	**21.6**	**3.28**	**2.59**	**27.7**	**6.21**	**2.27**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**1.12**	**0.195**	0.04 U	0.043 U	0.039 U	**0.613**	**4.37**	**0.435**	**0.527**	**4.44**	**1.47**	**0.322**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB301	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-305	GPEC-SB/PZ-305	GPEC-SB306	GPEC-SB306
				Sample Name	GPEC-SB301 (5-5.5)	GPEC-SB302	GPEC-SB302 (20-21)	GPEC-SB302 (74-75)	GPEC-SB505 (74-75)	GPEC-SB/PZ304 (1.5-2)	GPEC-SB/PZ304 (15-16)	GPEC-SB/PZ304 (29-30)	GPEC-SB/PZ305 (2.5-3)	GPEC-SB/PZ305 (18.5-19.5)	GPEC-SB306 (5-5.5)	GPEC-SB306 (19-20)
				Start Depth	5	5	20	74	74	1.5	15	29	2.5	18.5	5	19
				End Depth	5.5	5.5	21	75	75	2	16	30	3	19.5	5.5	20
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/11/2015	3/11/2015	7/23/2015	7/23/2015	7/23/2015	3/18/2015	3/31/2015	3/31/2015	3/24/2015	3/31/2015	3/11/2015	7/21/2015
				Parent Sample					GPEC-SB-302 (74-75)							
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	**12.3**	**0.719**	0.04 U	0.043 U	0.039 U	**5.05**	**29**	**4.47**	**3.32**	**40.2**	**11.2**	**7.07 D**
Fluorene		86-73-7	30	1000	**0.859**	0.037 U	0.04 U	0.043 U	0.039 U	**0.378**	**44.8**	**4.99**	**0.17**	**31.5**	**0.561**	**16.4 D**
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**2.98**	**0.441**	0.04 U	0.043 U	0.039 U	**1.31**	**7.72**	**0.857**	**1.49**	**8.01**	**3.56**	**0.874**
2-Methylnaphthalene		91-57-6	NE	NE	**0.232**	0.037 U	0.04 U	0.043 U	**0.034 J**	**0.194**	**131**	**14.8**	**0.104**	**95**	**0.514**	**146 D**
Naphthalene		91-20-3	12	1000	**0.338**	**0.033 J**	**0.071**	**0.034 J**	**0.093**	**0.212**	**164**	**16.2**	**0.138**	**96.7**	**0.562**	**1130 D**
Phenanthrene		85-01-8	100	1000	**11.5**	**0.35**	0.04 U	0.043 U	0.039 U	**3.2**	**93.5**	**12.2**	**3.3**	**101**	**7.68**	**22 D**
Pyrene		129-00-0	100	1000	**11.5**	**0.767**	0.04 U	0.043 U	0.039 U	**4.57**	**54.4**	**6.64**	**4.53**	**65.8**	**9.81**	**4.99**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**74.615**	**6.249**	**0.071**	**0.034**	**0.127**	**30.926**	**701.33**	**83.337**	**28.239**	**621.88**	**70.593**	**1397.163**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Benzidine		92-87-5	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Benzoic acid		65-85-0	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 UJ	0.155 UJ	0.077 U	0.888 UJ	0.081 U	0.036 U
Benzyl alcohol		100-51-6	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.473**	**0.77**	0.04 U	0.043 U	0.039 U	**0.484**	1.3 U	0.155 U	**0.076 J**	0.888 U	**0.365**	0.036 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Carbazole		86-74-8	NE	NE	**0.921**	**0.028 J**	0.04 U	0.043 U	0.039 U	**0.168**	**1.17 J**	**0.238**	**0.085**	**1.11**	**0.446**	0.036 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4-Chloroaniline		106-47-8	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2-Chloronaphthalene		91-58-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2-Chlorophenol		95-57-8	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Dibenzofuran		132-64-9	7	1000	**0.578**	0.037 U	0.04 U	0.043 U	0.039 U	**0.12**	**5.2**	**0.766**	**0.066 J**	**9.09**	**0.413**	**17 D**
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Diethyl phthalate		84-66-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Dimethyl phthalate		131-11-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.113 U	0.037 U	0.404 U	0.428 U	0.395 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.359 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.113 U	0.037 U	0.404 U	0.428 U	0.395 U	0.037 U	1.3 UJ	0.155 UJ	0.077 U	0.888 UJ	0.081 U	0.359 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Hexachlorobenzene		118-74-1	0.33	12	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.113 U	0.037 U	0.404 U	0.428 U	0.395 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.359 U
Hexachloroethane		67-72-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Isophorone		78-59-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2-Nitroaniline		88-74-4	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
3-Nitroaniline		99-09-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4-Nitroaniline		100-01-6	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Nitrobenzene		98-95-3	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB301	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-305	GPEC-SB/PZ-305	GPEC-SB306	GPEC-SB306
				Sample Name	GPEC-SB301 (5-5.5)	GPEC-SB302	GPEC-SB302 (20-21)	GPEC-SB302 (74-75)	GPEC-SB505 (74-75)	GPEC-SB/PZ304 (1.5-2)	GPEC-SB/PZ304 (15-16)	GPEC-SB/PZ304 (29-30)	GPEC-SB/PZ305 (2.5-3)	GPEC-SB/PZ305 (18.5-19.5)	GPEC-SB306 (5-5.5)	GPEC-SB306 (19-20)
				Start Depth	5	5	20	74	74	1.5	15	29	2.5	18.5	5	19
				End Depth	5.5	5.5	21	75	75	2	16	30	3	19.5	5.5	20
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/11/2015	3/11/2015	7/23/2015	7/23/2015	7/23/2015	3/18/2015	3/31/2015	3/31/2015	3/24/2015	3/31/2015	3/11/2015	7/21/2015
				Parent Sample					GPEC-SB-302 (74-75)							
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
4-Nitrophenol		100-02-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Pentachlorophenol		87-86-5	0.8	55	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Phenol		108-95-2	0.33	1000	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Pyridine		110-86-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.113 U	0.037 U	0.04 U	0.043 U	0.039 U	0.037 U	1.3 U	0.155 U	0.077 U	0.888 U	0.081 U	0.036 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**76.587**	**7.047**	**0.071**	**0.034**	**0.127**	**31.698**	**707.7**	**84.341**	**28.466**	**632.08**	**71.817**	**1414.163**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1232		11141-16-5	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1242		53469-21-9	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1016		12674-11-2	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1248		12672-29-6	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1254		11097-69-1	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Aroclor 1260		11096-82-5	NE	NE	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.022 U	0.022 U	0.024 U	0.024 U	0.024 U	0.022 U	0.098 U	0.045 U	0.023 U	0.103 U	0.024 U	0.207 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Chlordane (Technical)		12789-03-6	NE	NE	0.055 U	0.055 U	NA	NA	NA	0.055 U	NA	NA	0.058 U	NA	0.061 U	NA
alpha-Chlordane		5103-71-9	0.094	47	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
gamma-Chlordane		5103-74-2	NE	NE	**0.00907**	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	**0.00439 J**	NA	**0.00673**	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	0.00439 U	0.00442 U	NA	NA	NA	**0.00507**	NA	NA	**0.00784**	NA	0.00488 U	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	0.00439 U	0.00442 U	NA	NA	NA	**0.014**	NA	NA	0.00465 U	NA	0.00488 U	NA
Dieldrin		60-57-1	0.005	2.8	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Endosulfan sulfate		1031-07-8	2.4	920	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Endrin		72-20-8	0.014	410	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Endrin aldehyde		7421-93-4	NE	NE	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Endrin ketone		53494-70-5	NE	NE	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Heptachlor		76-44-8	0.042	29	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Heptachlor epoxide		1024-57-3	NE	NE	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Methoxychlor		72-43-5	NE	NE	0.00439 U	0.00442 U	NA	NA	NA	0.00439 U	NA	NA	0.00465 U	NA	0.00488 U	NA
Toxaphene		8001-35-2	NE	NE	0.055 U	0.055 U	NA	NA	NA	0.055 U	NA	NA	0.058 U	NA	0.061 U	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.019 U	0.018 U	NA	NA	NA	0.933 U	NA	NA	0.019 U	NA	0.02 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.019 U	0.018 U	NA	NA	NA	0.933 U	NA	NA	0.019 U	NA	0.02 U	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.019 U	0.018 U	NA	NA	NA	0.933 U	NA	NA	0.019 U	NA	0.02 U	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**10900**	**6280**	**6410**	**3210**	**3130**	**9700**	**6890**	**20500**	**9210**	**5180**	**7920**	**3280**
Antimony		7440-36-0	NE	NE	**0.803**	**1.8**	0.668 U	0.645 U	0.638 U	**5.55**	**2.74**	**2.34**	**36.9**	**14.6**	**1.23**	0.593 U
Arsenic		7440-38-2	13	16	**5.02**	**12.1**	**1.41**	**1.01**	**1.23**	**9.46**	**6.98**	**10.2**	**12**	**31.9**	**19.8**	**1.55**
Barium		7440-39-3	350	10000	**110**	**138**	**20.1**	**15.1**	**14.4**	**262**	**88.4**	**139**	**198**	**63**	**296**	**14.7**
Beryllium		7440-41-7	7.2	2700	**0.714**	**0.507 J**	**0.284 J**	0.645 U	0.638 U	**2.95**	**2.04**	**4.22**	**2.28**	0.689 U	**0.558 J**	0.593 U
Cadmium		7440-43-9	2.5	60	**0.365 J**	**0.445 J**	0.668 U	0.645 U	0.638 U	**1.17**	**0.326 J**	**0.6 J**	**1.51**	**0.29 J**	**0.539 J**	0.593 U
Calcium		7440-70-2	NE	NE	**4900**	**24900**	**1850**	**8290**	**8720**	**6720**	**10900**	**7040**	**6760**	**19000**	**10900**	**1390**
Chromium		7440-47-3	NE	NE	**19.1**	**23.4**	**10.7**	**8.05**	**7.37**	**93.5**	**26**	**69.5**	**48.1**	**19.4**	**29**	**9.37**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	**1.88 J**	1.15 U	1.25 U	1.29 U	1.2 U	**9.5**	1.32 U	2.34 U	1.17 U	1.34 U	1.25 UJ	1.11 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB301	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB302	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-304	GPEC-SB/PZ-305	GPEC-SB/PZ-305	GPEC-SB306	GPEC-SB306
				Sample Name	GPEC-SB301 (5-5.5)	GPEC-SB302	GPEC-SB302 (20-21)	GPEC-SB302 (74-75)	GPEC-SB505 (74-75)	GPEC-SB/PZ304 (1.5-2)	GPEC-SB/PZ304 (15-16)	GPEC-SB/PZ304 (29-30)	GPEC-SB/PZ305 (2.5-3)	GPEC-SB/PZ305 (18.5-19.5)	GPEC-SB306 (5-5.5)	GPEC-SB306 (19-20)
				Start Depth	5	5	20	74	74	1.5	15	29	2.5	18.5	5	19
				End Depth	5.5	5.5	21	75	75	2	16	30	3	19.5	5.5	20
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/11/2015	3/11/2015	7/23/2015	7/23/2015	7/23/2015	3/18/2015	3/31/2015	3/31/2015	3/24/2015	3/31/2015	3/11/2015	7/21/2015
				Parent Sample					GPEC-SB-302 (74-75)							
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	**5.94**	**5.99**	**4.67**	**3.09**	**3.3**	**23.6**	**10.6**	**27.9**	**17.1**	**12.1**	**7.12**	**3.75**
Copper		7440-50-8	50	10000	**62.6**	**124**	**7.13**	**7.12**	**7.13**	**482**	**294**	**382**	**331**	**153**	**96.5**	**9.44**
Iron		7439-89-6	NE	NE	**17900**	**24000**	**8520**	**10600**	**12200**	**34500**	**25500**	**52700**	**38900**	**93900**	**23600**	**10300**
Lead		7439-92-1	63	3900	**249**	**223**	**8.32**	**2.04**	**2.12**	**2550**	**435**	**730**	**1430**	**26800**	**1440**	**4.13**
Magnesium		7439-95-4	NE	NE	**2930**	**2570**	**1700**	**5090**	**5130**	**3230**	**3940**	**8280**	**3270**	**2840**	**2720**	**1450**
Manganese		7439-96-5	1600	10000	**305**	**350**	**106**	**115**	**132**	**366**	**329**	**544**	**367**	**607**	**270**	**379**
Mercury		7439-97-6	0.18	5.7	**0.501**	**1.34**	**0.081**	0.0081 U	0.0072 U	**1.3**	**0.721**	**0.161**	**6.95 D**	**1.02**	**1.29**	**0.021**
Nickel		7440-02-0	30	10000	**16.9**	**16.8**	**7.96**	**6.38**	**6.66**	**187**	**58.9**	**166**	**126**	**30.2**	**17.1**	**8.7**
Potassium		7440-09-7	NE	NE	**1190**	**1080**	**453**	**691**	**599**	**966**	**817**	**3820**	**951**	**655**	**1230**	**536**
Selenium		7782-49-2	3.9	6800	**2.44**	**1.98**	**0.86**	0.645 U	**0.868**	**2.6**	**1.24**	**4.16**	**2.53**	**1.84**	**3.11**	0.593 U
Silver		7440-22-4	2	6800	0.614 U	0.599 U	0.668 U	0.645 U	0.638 U	**0.931**	**0.383 J**	**0.414 J**	**0.578 J**	**0.958**	**0.216 J**	0.593 U
Sodium		7440-23-5	NE	NE	**972**	**477**	**400**	**183**	**245**	**398**	**238**	**5330**	**198**	**856**	**287**	**150**
Thallium		7440-28-0	NE	NE	**0.204 J**	0.599 U	**0.306 J**	0.645 U	0.638 U	0.593 U	0.693 U	1.26 U	**0.278 J**	0.689 U	**0.186 J**	**0.279 J**
Vanadium		7440-62-2	NE	NE	**25.9**	**29.5**	**14.1**	**14.1**	**16.4**	**32.4**	**26.4**	**61.5**	**41.7**	**35.6**	**35.2**	**12.6**
Zinc		7440-66-6	109	10000	**156**	**178**	**35.8**	**16.5**	**18.5**	**1440**	**395**	**1210**	**915**	**183**	**396**	**26.9**
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	3 U	2.9 U	3.1 U	3.2 U	3 U	2.8 U	3.3 U	5.8 U	2.9 U	3.4 U	3.1 U	2.8 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	**6470**	**6740**	**14400**	**624 J**	1000 U	**10200**	**28700**	**79100**	**10800**	**29900**	**32600**	**835 J**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB306	GPEC-SB307	GPEC-SB307	GPEC-SB307	GPEC-SB308	GPEC-SB308	GPEC-SB308A	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB310	GPEC-SB310
				Sample Name	GPEC-SB306 (74-75)	GPEC-SB307 (3-3.5)	GPEC-SB307 (11-12)	GPEC-SB307 (23.5-24.5)	GPEC-SB308 (3.5-4)	GPEC-SB308 (9-10)	GPEC-SB308A (3.5-4)	GPEC-SB/PZ309 (5-5.5)	GPEC-SB/PZ309 (8.5-9.5)	GPEC-SB/PZ309 (16-17)	GPEC-SB310 (5-5.5)	GPEC-SB310 (9-10)
				Start Depth	74	3	11	23.5	3.5	9	3.5	5	8.5	16	5	9
				End Depth	75	3.5	12	24.5	4	10	4	5.5	9.5	17	5.5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/21/2015	5/4/2015	5/7/2015	5/7/2015	3/20/2015	4/2/2015	5/6/2015	3/3/2015	4/3/2015	4/3/2015	3/10/2015	4/7/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	0.00631 U	0.00599 U	**0.637 D**	0.00635 U	**0.193**	**1.66 D**	**0.00247 DJ**	0.00584 U	0.00597 U	**0.027 D**	0.00607 UJ	**0.049 J**
Toluene		108-88-3	0.7	1000	0.00631 U	0.00599 U	**0.215 DJ**	0.00635 U	**0.212**	1.3 U	0.00615 U	0.00584 U	0.00597 U	**0.0085 DJ**	0.00607 UJ	0.12 U
Ethylbenzene		100-41-4	1	780	0.00631 U	0.00599 U	**4.01 D**	0.00635 U	**0.069**	**8.39 D**	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	**0.072 J**
Total Xylene		1330-20-7	0.26	1000	**0.00646 DJ**	0.012 U	**0.575 D**	0.013 U	**0.217**	**2.4 DJ**	0.012 U	0.012 U	0.012 U	0.031 U	0.012 UJ	0.24 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	**0.00646**	ND	**5.437**	ND	**0.691**	**12.45**	**0.00247**	ND	ND	**0.0355**	ND	**0.121**
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.032 U	0.03 U	0.473 U	0.032 U	0.134 U	2.59 U	0.031 U	0.029 U	0.03 U	0.078 U	**0.061 J**	0.24 U
Acrolein (propenal)		107-02-8	NE	NE	0.126 U	0.12 U	4.73 U	0.127 U	1.34 U	25.9 U	0.123 U	0.117 U	0.119 U	0.313 U	0.121 R	2.4 U
Acrylonitrile		107-13-1	NE	NE	0.126 U	0.12 U	4.73 U	0.127 U	1.34 U	25.9 U	0.123 U	0.117 U	0.119 U	0.313 U	0.121 UJ	2.4 U
Bromodichloromethane		75-27-4	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Bromoform		75-25-2	NE	NE	0.013 U	0.00599 U	0.236 U	0.00635 U	0.134 U	2.59 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.24 U
Bromomethane		74-83-9	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.012 U	0.012 U	0.031 U	0.012 UJ	0.12 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.025 U	0.024 U	0.473 U	0.025 U	0.134 U	2.59 U	0.025 U	0.023 U	0.024 U	0.063 U	0.024 R	0.24 U
Carbon disulfide		75-15-0	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Carbon tetrachloride		56-23-5	0.76	44	0.00631 U	0.012 U	0.473 U	0.013 U	0.067 U	1.3 U	0.012 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Chlorobenzene		108-90-7	1.1	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Chloroethane		75-00-3	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.012 U	0.012 U	0.031 U	0.012 UJ	0.12 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Chloroform		67-66-3	0.37	700	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Chloromethane		74-87-3	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Dibromochloromethane		124-48-1	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1-Dichloroethane		75-34-3	0.27	480	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,2-Dichloroethane		107-06-2	0.02	60	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,2-Dichloropropane		78-87-5	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Diisopropyl ether		108-20-3	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
2-Hexanone		591-78-6	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	**0.00982 J**	0.12 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Methylene chloride		75-09-2	0.05	1000	**0.035 CD**	0.012 U	0.473 U	0.013 U	0.134 U	2.59 U	0.012 U	0.012 U	**0.019 CD**	**0.05 CD**	0.012 UJ	0.24 U
Styrene		100-42-5	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	**0.034 J**	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00631 U	0.00599 U	0.236 U	**0.017 D**	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Vinyl acetate		108-05-4	NE	NE	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
Vinyl chloride		75-01-4	0.02	27	0.00631 U	0.00599 U	0.236 U	0.00635 U	0.067 U	1.3 U	0.00615 U	0.00584 U	0.00597 U	0.016 U	0.00607 UJ	0.12 U
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	0.041 U	**0.393**	**22.4 D**	**0.129**	**0.505**	**48.7 D**	**0.056**	**0.537**	**0.096**	**0.287**	0.04 U	**0.159**
Acenaphthylene		208-96-8	100	1000	0.041 U	**0.074**	**2.75 D**	**0.105**	**1.64**	**5.92 D**	**1.04**	**0.112**	0.038 U	0.103 U	0.04 U	0.039 U
Anthracene		120-12-7	100	1000	0.041 U	**0.71**	**10.2 D**	**0.369**	**1.69**	**34.4 D**	**0.952**	**1.04**	**0.278**	**0.271**	**0.029 J**	**0.376**
Benzo(a)anthracene		56-55-3	1	11	0.041 U	**1.86**	**7.23 D**	**1.23**	**1.97**	**27.5 D**	**1.29**	**2.67**	**0.499**	**0.818**	**0.171**	**0.466**
Benzo(b)fluoranthene		205-99-2	1	11	0.041 U	**1.77**	**3.52 D**	**0.888**	**2.07**	**12.2 D**	**1.69**	**2.81**	**0.542**	**0.927**	**0.217**	**0.314**
Benzo(k)fluoranthene		207-08-9	0.8	110	0.041 U	**1.88**	**3.15 D**	**1.14**	**1.76**	**14.1 D**	**1.27**	**2.03**	**0.465**	**0.975**	**0.198**	**0.276**
Benzo(g,h,i)perylene		191-24-2	100	1000	0.041 U	**1.36**	**2.01 D**	**0.856**	**1.21**	**9.34 D**	**1.45**	**1.83**	**0.379**	**0.639**	**0.16**	**0.225**
Benzo(a)pyrene		50-32-8	1	1.1	0.041 U	**2.31**	**6.18 D**	**1.37**	**2.57**	**23.2 D**	**1.55**	**2.88**	**0.557**	**1.02**	**0.213**	**0.397**
Chrysene		218-01-9	1	110	0.041 U	**2.07**	**8.22 D**	**1.76**	**2.25**	**29.5 D**	**1.48**	**2.75**	**0.51**	**1.06**	**0.189**	**0.474**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	0.041 U	**0.427**	**0.495 D**	**0.217**	**0.503**	**4.46 D**	**0.512**	**0.633**	**0.096**	**0.261**	**0.053**	**0.056**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB306	GPEC-SB307	GPEC-SB307	GPEC-SB307	GPEC-SB308	GPEC-SB308	GPEC-SB308A	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB310	GPEC-SB310
				Sample Name	GPEC-SB306 (74-75)	GPEC-SB307 (3-3.5)	GPEC-SB307 (11-12)	GPEC-SB307 (23.5-24.5)	GPEC-SB308 (3.5-4)	GPEC-SB308 (9-10)	GPEC-SB308A (3.5-4)	GPEC-SB/PZ309 (5-5.5)	GPEC-SB/PZ309 (8.5-9.5)	GPEC-SB/PZ309 (16-17)	GPEC-SB310 (5-5.5)	GPEC-SB310 (9-10)
				Start Depth	74	3	11	23.5	3.5	9	3.5	5	8.5	16	5	9
				End Depth	75	3.5	12	24.5	4	10	4	5.5	9.5	17	5.5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/21/2015	5/4/2015	5/7/2015	5/7/2015	3/20/2015	4/2/2015	5/6/2015	3/3/2015	4/3/2015	4/3/2015	3/10/2015	4/7/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	0.041 U	**4.26**	**16.8 D**	**1.92**	**2.86**	**50.9 D**	**1.36**	**5.71**	**1.03**	**1.42**	**0.245**	**0.886**
Fluorene		86-73-7	30	1000	0.041 U	**0.428**	**26.4 D**	**0.15**	**0.972**	**57.6 D**	**0.079**	**0.374**	**0.149**	**0.183**	0.04 U	**0.219**
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	0.041 U	**1.19**	**1.64 D**	**0.603**	**1.02**	**7.21 D**	**1.17**	**1.67**	**0.317**	**0.541**	**0.135**	**0.188**
2-Methylnaphthalene		91-57-6	NE	NE	0.041 U	**0.064**	**43.3 D**	**0.079**	**0.306**	**118 D**	**0.172**	**0.118**	**0.071**	**0.268**	0.04 U	**0.201**
Naphthalene		91-20-3	12	1000	**0.066**	**0.075**	**58.5 D**	**0.214**	**0.56**	**97.2 D**	**0.296**	**0.199**	**0.164**	**1.66**	**0.035 J**	**0.309**
Phenanthrene		85-01-8	100	1000	0.041 U	**3.58**	**69.5 D**	**0.871**	**2.77**	**134 D**	**1.24**	**4.12**	**1.06**	**1.02**	**0.103**	**1.07**
Pyrene		129-00-0	100	1000	0.041 U	**4.08**	**22 D**	**1.72**	**3.84**	**80.6 D**	**1.95**	**4.38**	**0.927**	**1.43**	**0.257**	**0.967**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**0.066**	**26.531**	**304.295**	**13.621**	**28.496**	**754.83**	**17.557**	**33.863**	**7.14**	**12.78**	**2.005**	**6.583**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Benzidine		92-87-5	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Benzoic acid		65-85-0	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Benzyl alcohol		100-51-6	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	0.041 U	**0.221**	0.388 U	0.042 U	**0.14**	0.837 U	**1.63**	**0.255**	**0.241**	**0.069 J**	0.04 U	**0.085**
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Carbazole		86-74-8	NE	NE	0.041 U	**0.239**	**0.736 D**	**0.067**	**0.088**	**3.34 D**	**0.026 J**	**0.376**	0.038 U	**0.106**	0.04 U	**0.034 J**
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4-Chloroaniline		106-47-8	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2-Chloronaphthalene		91-58-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2-Chlorophenol		95-57-8	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Dibenzofuran		132-64-9	7	1000	0.041 U	**0.233**	**3.62 D**	**0.06**	**0.144**	**15.5 D**	**0.04 J**	**0.186**	**0.059**	**0.107**	0.04 U	0.039 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Diethyl phthalate		84-66-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Dimethyl phthalate		131-11-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.409 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.409 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Hexachlorobenzene		118-74-1	0.33	12	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.409 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Hexachloroethane		67-72-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Isophorone		78-59-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.041 U	0.038 U	0.388 U	**0.062**	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	**0.433**	0.04 U	0.039 U
2-Nitroaniline		88-74-4	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
3-Nitroaniline		99-09-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4-Nitroaniline		100-01-6	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Nitrobenzene		98-95-3	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB306	GPEC-SB307	GPEC-SB307	GPEC-SB307	GPEC-SB308	GPEC-SB308	GPEC-SB308A	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB310	GPEC-SB310
				Sample Name	GPEC-SB306 (74-75)	GPEC-SB307 (3-3.5)	GPEC-SB307 (11-12)	GPEC-SB307 (23.5-24.5)	GPEC-SB308 (3.5-4)	GPEC-SB308 (9-10)	GPEC-SB308A (3.5-4)	GPEC-SB/PZ309 (5-5.5)	GPEC-SB/PZ309 (8.5-9.5)	GPEC-SB/PZ309 (16-17)	GPEC-SB310 (5-5.5)	GPEC-SB310 (9-10)
				Start Depth	74	3	11	23.5	3.5	9	3.5	5	8.5	16	5	9
				End Depth	75	3.5	12	24.5	4	10	4	5.5	9.5	17	5.5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/21/2015	5/4/2015	5/7/2015	5/7/2015	3/20/2015	4/2/2015	5/6/2015	3/3/2015	4/3/2015	4/3/2015	3/10/2015	4/7/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
4-Nitrophenol		100-02-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Pentachlorophenol		87-86-5	0.8	55	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Phenol		108-95-2	0.33	1000	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Pyridine		110-86-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.041 U	0.038 U	0.388 U	0.042 U	0.044 U	0.837 U	0.041 U	0.074 U	0.038 U	0.103 U	0.04 U	0.039 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**0.066**	**27.224**	**308.651**	**13.81**	**28.868**	**773.67**	**19.253**	**34.68**	**7.44**	**13.495**	**2.005**	**6.702**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1232		11141-16-5	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1242		53469-21-9	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1016		12674-11-2	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1248		12672-29-6	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1254		11097-69-1	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Aroclor 1260		11096-82-5	NE	NE	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.023 U	0.044 U	0.043 U	0.047 U	0.051 U	0.098 U	0.048 U	0.023 U	0.023 U	0.058 U	0.023 U	0.022 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Chlordane (Technical)		12789-03-6	NE	NE	NA	0.056 U	NA	NA	**0.081**	NA	**0.078**	0.058 U	NA	NA	0.058 U	NA
alpha-Chlordane		5103-71-9	0.094	47	NA	0.00444 U	NA	NA	**0.011**	NA	**0.0046 J**	0.00464 U	NA	NA	0.00467 U	NA
gamma-Chlordane		5103-74-2	NE	NE	NA	0.00444 U	NA	NA	**0.00578**	NA	**0.0041 J**	0.00464 U	NA	NA	0.00467 U	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	NA	**0.00598**	NA	NA	**0.02**	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Dieldrin		60-57-1	0.005	2.8	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Endosulfan sulfate		1031-07-8	2.4	920	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Endrin		72-20-8	0.014	410	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Endrin aldehyde		7421-93-4	NE	NE	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Endrin ketone		53494-70-5	NE	NE	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Heptachlor		76-44-8	0.042	29	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Heptachlor epoxide		1024-57-3	NE	NE	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Methoxychlor		72-43-5	NE	NE	NA	0.00444 U	NA	NA	0.00511 U	NA	0.00479 U	0.00464 U	NA	NA	0.00467 U	NA
Toxaphene		8001-35-2	NE	NE	NA	0.056 U	NA	NA	0.064 U	NA	0.06 U	0.058 U	NA	NA	0.058 U	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	NA	0.00995 U	NA	NA	0.021 U	NA	0.01 U	0.019 U	NA	NA	0.02 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	NA	0.00995 U	NA	NA	0.021 U	NA	0.01 U	0.019 U	NA	NA	0.02 U	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	NA	0.00995 U	NA	NA	0.021 U	NA	0.01 U	0.019 U	NA	NA	0.02 U	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**2620**	**6570**	**6820**	**7510**	**6590**	**6060**	**8220**	**10600**	**10700**	**19600**	**7630**	**15200**
Antimony		7440-36-0	NE	NE	0.682 U	**3.92**	**0.909**	**0.824**	**49.9**	**189**	**66.7**	**23.9**	**1.3**	**7.99**	**11.4**	**0.329 J**
Arsenic		7440-38-2	13	16	0.682 U	**9.89**	**4.22**	**6.68**	**8.07**	**15.7**	**27.2**	**11.4**	**9.8**	**38.1**	**5.21**	**3.77**
Barium		7440-39-3	350	10000	**10.2**	**121**	**58.5**	**76.4**	**394**	**1100**	**1410**	**297**	**84.6**	**190**	**93.3**	**95.3**
Beryllium		7440-41-7	7.2	2700	0.682 U	**0.361 J**	**0.378 J**	**0.409 J**	**1.7**	**0.431 J**	**0.623 J**	**0.588 J**	**0.564 J**	**0.979 J**	**0.539 J**	**0.693**
Cadmium		7440-43-9	2.5	60	0.682 U	**0.332 J**	**0.175 J**	**0.243 J**	**1.9**	**2.84**	**7.34**	**1.56**	**0.323 J**	**0.991 J**	**0.239 J**	0.622 U
Calcium		7440-70-2	NE	NE	**9120**	**4870**	**7960**	**3440**	**11400**	**8460**	**10000**	**4810**	**2050**	**9400**	**1330**	**3670**
Chromium		7440-47-3	NE	NE	**5.46**	**18.5**	**15**	**19.2**	**40.6**	**103**	**154**	**33.7**	**22.9**	**52.6**	**20.2**	**31.8**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.26 U	1.2 U	1.18 U	1.27 U	**0.354 J**	1.3 U	1.23 U	1.17 U	1.19 U	3.13 U	1.21 UJ	1.2 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB306	GPEC-SB307	GPEC-SB307	GPEC-SB307	GPEC-SB308	GPEC-SB308	GPEC-SB308A	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB/PZ-309	GPEC-SB310	GPEC-SB310
				Sample Name	GPEC-SB306 (74-75)	GPEC-SB307 (3-3.5)	GPEC-SB307 (11-12)	GPEC-SB307 (23.5-24.5)	GPEC-SB308 (3.5-4)	GPEC-SB308 (9-10)	GPEC-SB308A (3.5-4)	GPEC-SB/PZ309 (5-5.5)	GPEC-SB/PZ309 (8.5-9.5)	GPEC-SB/PZ309 (16-17)	GPEC-SB310 (5-5.5)	GPEC-SB310 (9-10)
				Start Depth	74	3	11	23.5	3.5	9	3.5	5	8.5	16	5	9
				End Depth	75	3.5	12	24.5	4	10	4	5.5	9.5	17	5.5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/21/2015	5/4/2015	5/7/2015	5/7/2015	3/20/2015	4/2/2015	5/6/2015	3/3/2015	4/3/2015	4/3/2015	3/10/2015	4/7/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	1.89	5.24	5.22	5.42	11.2	6.28	10.8	8.35	7.71	15.6	6.28	7.79
Copper		7440-50-8	50	10000	5.93	389	46.2	51.4	208	632	1150	272	41.5	598	67.8	23.6
Iron		7439-89-6	NE	NE	6470	17600	14000	14700	22100	30100	28000	27100	23800	51600	18600	29200
Lead		7439-92-1	63	3900	1.21	199	73.1	160	1800	381	2200	597	79.4	501	202	207
Magnesium		7439-95-4	NE	NE	4710	1880	4020	2160	5040	1710	4100	4650	2930	6680	2080	2730
Manganese		7439-96-5	1600	10000	144	277	631	216	340	1580	3240	584	543	1170	193	349
Mercury		7439-97-6	0.18	5.7	0.02	0.85	0.331	1.69	0.498	1.35	3.6	8.38 D	0.399	11.4	1.08	0.369
Nickel		7440-02-0	30	10000	4.4	20	12.5	15.4	68.7	45.7	54.3	34.4	16.6	41	13.6	15.2
Potassium		7440-09-7	NE	NE	361	864	745	972	871	826	920	877	1580	2510	961	1350
Selenium		7782-49-2	3.9	6800	0.682 U	2.78	0.683	1.39	1.63	1.42	2.29	2.11	1.47	7.46	2.41	2.07
Silver		7440-22-4	2	6800	0.682 U	0.941	0.628 U	0.667 U	0.427 J	1.38	2.16	0.893	0.661 U	1.04 J	0.649 U	0.622 U
Sodium		7440-23-5	NE	NE	181	172	142	828	188	202	182	862	240	2070	121	275
Thallium		7440-28-0	NE	NE	0.682 U	0.273 J	0.16 J	0.193 J	0.716 U	0.571 J	0.248 J	0.214 J	0.298 J	0.687 J	0.216 J	0.282 J
Vanadium		7440-62-2	NE	NE	10.6	20.4	20.4	25.1	24.6	26.6	34	31.2	31.8	78.5	28.9	52.1
Zinc		7440-66-6	109	10000	7.95	178	99.9	86.7	931	1220	3670	842	181	366	148	120
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	3.2 U	3 U	3 U	3.2 U	3.3 U	3.2 U	3.1 U	2.9 U	3 U	7.8 U	3 U	3 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	1000 U	16000	11100	20100	36000	32900	23600	32400	14000	142000	12200	4940

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB310	GPEC-SB/PZ-311	GPEC-SB311	GPEC-SB311	GPEC-SB313	GPEC-SB313	GPEC-SB/PZ-314	GPEC-SB314	GPEC-SB315	GPEC-SB315	GPEC-SB315	GPEC-SB316	GPEC-SB/PZ-316
				Sample Name	GPEC-SB310 (13.5-14.5)	GPEC-SB/PZ311	GPEC-SB311 (9-10)	GPEC-SB311 (22-23)	GPEC-SB313 (3-3.5)	GPEC-SB313 (18-19)	GPEC-SB/PZ314	GPEC-SB314 (12-13)	GPEC-SB315	GPEC-SB315 (22-23)	GPEC-SB315 (29-30)	GPEC-SB316 (4.5-5)	GPEC-SB/PZ316 (9-10)
				Start Depth	13.5	4.5	9	22	3	18	5	12	4	22	29	4.5	9
				End Depth	14.5	5	10	23	3.5	19	5.5	13	4.5	23	30	5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/7/2015	3/12/2015	4/7/2015	4/7/2015	3/23/2015	4/1/2015	3/12/2015	4/7/2015	3/13/2015	4/8/2015	4/8/2015	5/5/2015	6/30/2015
				Parent Sample													
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**													
BTEX	mg/kg																
Benzene		71-43-2	0.06	89	**0.022 D**	**2.74**	**57.7 D**	**0.00292 DJ**	0.0058 U	0.153 UJ	**0.00389 DJ**	**0.916 D**	**0.00519 DJ**	**0.303 DJ**	0.124 U	**0.0064 D**	**0.167**
Toluene		108-88-3	0.7	1000	0.00887 U	**0.256**	**60.9 D**	**0.00305 DJ**	0.0058 U	**0.12 J**	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	**0.248**
Ethylbenzene		100-41-4	1	780	0.00887 U	**1.03**	**46.5 D**	0.0071 U	0.0058 U	**0.084 J**	0.0065 U	**0.435 D**	**0.00201 DJ**	**4.32 D**	0.124 U	0.00593 U	**1.19**
Total Xylene		1330-20-7	0.26	1000	0.018 U	**1.16**	**82.3 D**	0.014 U	0.012 U	**0.206 J**	0.013 U	0.496 U	0.011 U	**1.88 D**	0.247 U	0.012 U	**2.35**
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	**0.022**	**5.186**	**247.4**	**0.00597**	ND	**0.41**	**0.00389**	**1.351**	**0.0072**	**6.503**	ND	**0.0064**	**3.955**
Other VOCs	mg/kg																
Acetone		67-64-1	0.05	1000	0.044 U	0.23 U	1.26 U	0.036 U	0.029 U	**1.13 J**	0.033 U	0.496 U	0.028 U	1.19 U	0.247 U	0.03 U	0.121 U
Acrolein (propenal)		107-02-8	NE	NE	0.177 U	2.3 U	12.6 U	0.142 U	0.116 U	3.07 R	0.13 U	4.96 U	0.111 U	11.9 U	2.47 U	0.119 U	1.21 U
Acrylonitrile		107-13-1	NE	NE	0.177 U	2.3 U	12.6 U	0.142 U	0.116 U	3.07 UJ	0.13 U	4.96 U	0.111 U	11.9 U	2.47 U	0.119 U	1.21 U
Bromodichloromethane		75-27-4	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Bromoform		75-25-2	NE	NE	0.00887 U	0.115 U	1.26 U	0.0071 U	0.0058 U	0.307 UJ	0.0065 U	0.496 U	0.00556 U	1.19 U	0.247 U	0.00593 U	0.06 U
Bromomethane		74-83-9	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.012 U	0.153 UJ	0.013 U	0.248 U	0.011 U	0.596 U	0.124 U	0.00593 U	0.06 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.036 U	0.23 U	1.26 U	0.028 U	0.023 U	0.307 R	0.026 U	0.496 U	0.022 U	1.19 U	0.247 U	0.024 U	0.121 U
Carbon disulfide		75-15-0	NE	NE	**0.075 D**	0.115 U	0.632 U	**0.032 D**	0.0058 U	**2.09 J**	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Carbon tetrachloride		56-23-5	0.76	44	0.018 U	0.115 U	0.632 U	0.014 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.012 U	0.06 U
Chlorobenzene		108-90-7	1.1	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Chloroethane		75-00-3	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.012 U	0.153 UJ	0.013 U	0.248 U	0.011 U	0.596 U	0.124 U	0.00593 U	0.06 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Chloroform		67-66-3	0.37	700	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Chloromethane		74-87-3	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Dibromochloromethane		124-48-1	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,1-Dichloroethane		75-34-3	0.27	480	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,2-Dichloroethane		107-06-2	0.02	60	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,2-Dichloropropane		78-87-5	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Diisopropyl ether		108-20-3	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
2-Hexanone		591-78-6	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.121 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Methylene chloride		75-09-2	0.05	1000	0.018 U	0.23 U	1.26 U	0.014 U	**0.021 CD**	0.307 UJ	0.013 U	0.496 U	**0.016 CD**	1.19 U	0.247 U	0.012 U	0.121 U
Styrene		100-42-5	NE	NE	0.00887 U	0.115 U	**16.3 D**	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	**0.343**
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.121 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	**0.05 J**
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.121 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Vinyl acetate		108-05-4	NE	NE	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
Vinyl chloride		75-01-4	0.02	27	0.00887 U	0.115 U	0.632 U	0.0071 U	0.0058 U	0.153 UJ	0.0065 U	0.248 U	0.00556 U	0.596 U	0.124 U	0.00593 U	0.06 U
NYSDEC PAH17	mg/kg																
Acenaphthene		83-32-9	20	1000	**0.059**	**0.172**	**0.16 D**	0.045 U	**0.43**	**0.98**	**0.173**	**6.38 D**	**0.321 D**	**12.1 D**	**0.104**	**0.38**	**0.366**
Acenaphthylene		208-96-8	100	1000	0.056 U	**0.095**	**0.373 D**	0.045 U	**1.92**	0.05 U	**0.11**	**0.35 D**	**0.665 D**	**0.435 D**	0.041 U	**0.099**	**0.107**
Anthracene		120-12-7	100	1000	**0.122**	**0.258**	**0.149 D**	0.045 U	**1.93**	**2.3**	**0.479**	**0.959 D**	**1.14 D**	**1.85 D**	0.041 U	**0.319**	**0.277**
Benzo(a)anthracene		56-55-3	1	11	**0.315**	**0.608**	**0.085 D**	0.045 U	**4.99**	**2.45**	**1.67**	**0.446 D**	**4.62 D**	**0.841 D**	0.041 U	**0.956**	**0.654**
Benzo(b)fluoranthene		205-99-2	1	11	**0.285**	**0.62**	**0.053 DJ**	0.045 U	**6.33**	**1.66**	**2.03**	**0.253 D**	**5.2 D**	**0.465 D**	0.041 U	**0.916**	**0.352**
Benzo(k)fluoranthene		207-08-9	0.8	110	**0.225**	**0.552**	0.083 U	0.045 U	**5.13**	**1.93**	**1.26**	**0.195 DJ**	**3.94 D**	**0.394 D**	0.041 U	**0.667**	**0.385**
Benzo(g,h,i)perylene		191-24-2	100	1000	**0.22**	**0.425**	0.083 U	0.045 U	**3.73**	**1.23**	**1.35**	**0.147 DJ**	**3.83 D**	**0.264 DJ**	0.041 U	**0.618**	**0.363**
Benzo(a)pyrene		50-32-8	1	1.1	**0.281**	**0.613**	**0.054 DJ**	0.045 U	**7.97**	**2.41**	**1.92**	**0.274 D**	**4.9 D**	**0.533 D**	0.041 U	**1.09**	**0.502**
Chrysene		218-01-9	1	110	**0.385**	**0.694**	**0.09 D**	0.045 U	**5.25**	**2.57**	**1.85**	**0.545 D**	**4.77 D**	**0.796 D**	0.041 U	**1.03**	**0.735**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**0.045 J**	**0.129**	0.083 U	0.045 U	**1.62**	**0.446**	**0.427**	0.199 U	**1.02 D**	0.387 U	0.041 U	**0.216**	**0.129**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB310	GPEC-SB/PZ-311	GPEC-SB311	GPEC-SB311	GPEC-SB313	GPEC-SB313	GPEC-SB/PZ-314	GPEC-SB314	GPEC-SB315	GPEC-SB315	GPEC-SB315	GPEC-SB316	GPEC-SB/PZ-316
				Sample Name	GPEC-SB310 (13.5-14.5)	GPEC-SB/PZ311	GPEC-SB311 (9-10)	GPEC-SB311 (22-23)	GPEC-SB313 (3-3.5)	GPEC-SB313 (18-19)	GPEC-SB/PZ314	GPEC-SB314 (12-13)	GPEC-SB315	GPEC-SB315 (22-23)	GPEC-SB315 (29-30)	GPEC-SB316 (4.5-5)	GPEC-SB/PZ316 (9-10)
				Start Depth	13.5	4.5	9	22	3	18	5	12	4	22	29	4.5	9
				End Depth	14.5	5	10	23	3.5	19	5.5	13	4.5	23	30	5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/7/2015	3/12/2015	4/7/2015	4/7/2015	3/23/2015	4/1/2015	3/12/2015	4/7/2015	3/13/2015	4/8/2015	4/8/2015	5/5/2015	6/30/2015
				Parent Sample													
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**													
Fluoranthene		206-44-0	100	1000	**0.602**	**1.72**	**0.245 D**	0.045 U	**8.57**	**4.32**	**2.96**	**1.09 D**	**9.09 D**	**2.7 D**	**0.027 J**	**2.02**	**1.32**
Fluorene		86-73-7	30	1000	**0.067**	**0.174**	**0.3 D**	0.045 U	**0.549**	**1.02**	**0.175**	**2.83 D**	**0.328 D**	**4.14 D**	**0.037 J**	**0.119**	**0.471**
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**0.163**	**0.37**	0.083 U	0.045 U	**4.39**	**1.08**	**1.07**	0.199 U	**3.18 D**	0.387 U	0.041 U	**0.537**	**0.289**
2-Methylnaphthalene		91-57-6	NE	NE	**0.056 J**	**0.407**	**2.37 D**	0.045 U	**0.361**	**0.542**	**0.082**	**12.8 D**	**0.329 D**	**39.7 D**	**0.295**	**0.133**	**0.297**
Naphthalene		91-20-3	12	1000	**0.126**	**2.01**	**9.04 D**	**0.059**	**0.824**	**0.978**	**0.275**	**30.5 D**	**1.57 D**	**97.4 D**	**0.874**	**0.888**	**2.1**
Phenanthrene		85-01-8	100	1000	**0.423**	**0.877**	**0.977 D**	0.045 U	**5.16**	**5.85**	**1.99**	**5.25 D**	**3.89 D**	**9.82 D**	**0.1**	**0.611**	**0.728**
Pyrene		129-00-0	100	1000	**0.718**	**1.57**	**0.251 D**	0.045 U	**8.27**	**4.89**	**3.16**	**1.17 D**	**7.51 D**	**2.53 D**	**0.034 J**	**2.27**	**1.59**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**4.092**	**11.294**	**14.147**	**0.059**	**67.424**	**34.656**	**20.981**	**63.189**	**56.303**	**173.968**	**1.471**	**12.869**	**10.665**
NYSDEC PAH17 Other SVOCs	mg/kg																
Aniline		62-53-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Benzidine		92-87-5	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Benzoic acid		65-85-0	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 UJ	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Benzyl alcohol		100-51-6	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	0.056 U	**0.099**	0.083 U	0.045 U	**0.277**	0.05 U	**0.057**	0.199 U	**0.292 D**	0.387 U	**0.097**	**0.085**	**0.067**
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Carbazole		86-74-8	NE	NE	0.056 U	0.038 U	**0.061 DJ**	0.045 U	**0.404**	**0.57**	**0.161**	**0.214 D**	**0.485 D**	**0.289 DJ**	0.041 U	**0.044**	**0.142**
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4-Chloroaniline		106-47-8	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2-Chloronaphthalene		91-58-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2-Chlorophenol		95-57-8	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Dibenzofuran		132-64-9	7	1000	**0.037 J**	**0.094**	**0.127 D**	0.045 U	**0.223**	**0.544**	**0.105**	**2.09 D**	**0.297 D**	**2.98 D**	**0.025 J**	**0.075**	**0.194**
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Diethyl phthalate		84-66-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Dimethyl phthalate		131-11-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 UJ	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Hexachlorobenzene		118-74-1	0.33	12	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Hexachloroethane		67-72-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Isophorone		78-59-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	**0.095**	0.038 U	0.083 U	0.045 U	0.073 U	**0.722**	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2-Nitroaniline		88-74-4	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
3-Nitroaniline		99-09-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4-Nitroaniline		100-01-6	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Nitrobenzene		98-95-3	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB310	GPEC-SB/PZ-311	GPEC-SB311	GPEC-SB311	GPEC-SB313	GPEC-SB313	GPEC-SB/PZ-314	GPEC-SB314	GPEC-SB315	GPEC-SB315	GPEC-SB315	GPEC-SB316	GPEC-SB/PZ-316
				Sample Name	GPEC-SB310 (13.5-14.5)	GPEC-SB/PZ311	GPEC-SB311 (9-10)	GPEC-SB311 (22-23)	GPEC-SB313 (3-3.5)	GPEC-SB313 (18-19)	GPEC-SB/PZ314	GPEC-SB314 (12-13)	GPEC-SB315	GPEC-SB315 (22-23)	GPEC-SB315 (29-30)	GPEC-SB316 (4.5-5)	GPEC-SB/PZ316 (9-10)
				Start Depth	13.5	4.5	9	22	3	18	5	12	4	22	29	4.5	9
				End Depth	14.5	5	10	23	3.5	19	5.5	13	4.5	23	30	5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/7/2015	3/12/2015	4/7/2015	4/7/2015	3/23/2015	4/1/2015	3/12/2015	4/7/2015	3/13/2015	4/8/2015	4/8/2015	5/5/2015	6/30/2015
				Parent Sample													
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**													
2-Nitrophenol		88-75-5	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
4-Nitrophenol		100-02-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Pentachlorophenol		87-86-5	0.8	55	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Phenol		108-95-2	0.33	1000	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Pyridine		110-86-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.056 U	0.038 U	0.083 U	0.045 U	0.073 U	0.05 U	0.043 U	0.199 U	0.109 U	0.387 U	0.041 U	0.038 U	0.039 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**4.224**	**11.487**	**14.335**	**0.059**	**68.328**	**36.492**	**21.304**	**65.493**	**57.377**	**177.237**	**1.593**	**13.073**	**11.068**
PCB Aroclors	mg/kg																
Aroclor 1221		11104-28-2	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1232		11141-16-5	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1242		53469-21-9	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1016		12674-11-2	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1248		12672-29-6	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1254		11097-69-1	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Aroclor 1260		11096-82-5	NE	NE	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.067 U	0.022 U	0.024 U	0.028 U	0.113 U	0.03 U	0.025 U	0.023 U	0.041 U	0.023 U	0.024 U	0.047 U	0.024 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg																
Aldrin		309-00-2	0.005	1.4	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Chlordane (Technical)		12789-03-6	NE	NE	NA	0.055 U	NA	NA	**0.073**	NA	0.062 U	NA	0.051 U	NA	NA	0.058 U	NA
alpha-Chlordane		5103-71-9	0.094	47	NA	0.00439 U	NA	NA	**0.0058**	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
gamma-Chlordane		5103-74-2	NE	NE	NA	0.00439 U	NA	NA	**0.00582**	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	NA	0.00439 U	NA	NA	**0.033**	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Dieldrin		60-57-1	0.005	2.8	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Endosulfan sulfate		1031-07-8	2.4	920	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Endrin		72-20-8	0.014	410	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Endrin aldehyde		7421-93-4	NE	NE	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Endrin ketone		53494-70-5	NE	NE	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Heptachlor		76-44-8	0.042	29	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Heptachlor epoxide		1024-57-3	NE	NE	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Methoxychlor		72-43-5	NE	NE	NA	0.00439 U	NA	NA	0.00451 U	NA	0.00497 U	NA	0.00409 U	NA	NA	0.00467 U	NA
Toxaphene		8001-35-2	NE	NE	NA	0.055 U	NA	NA	0.056 U	NA	0.062 U	NA	0.051 U	NA	NA	0.058 U	NA
Herbicides	mg/kg																
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	0.018 U	NA	NA	0.00975 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	0.018 U	NA	NA	0.00975 U	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	0.018 U	NA	NA	0.00975 U	NA
Metals	mg/kg																
Aluminum		7429-90-5	NE	NE	**15500**	**5800**	**11800**	**14300**	**7620**	**1990**	**3330**	**7120**	**4670**	**3730**	**2910**	**9760**	**5650**
Antimony		7440-36-0	NE	NE	**6.12**	**3.95**	0.682 U	0.743 U	**10.2**	**32**	**591**	**1.52**	**5.08**	0.628 U	0.662 U	**1.23**	**1.82**
Arsenic		7440-38-2	13	16	**46**	**6.97**	**5.74**	**6.99**	**21.9**	**9.01**	**15.5**	**2.36**	**7.23**	**1.07**	**0.58 J**	**5.85**	**4.74**
Barium		7440-39-3	350	10000	**94**	**156**	**46.7**	**51.5**	**243**	**127**	**363**	**24.4**	**169**	**25.5**	**13.7**	**91.5**	**46.9**
Beryllium		7440-41-7	7.2	2700	**0.708 J**	**0.5 J**	**0.933**	**0.939**	**0.481 J**	0.79 U	**0.331 J**	**0.294 J**	**0.42 J**	0.628 U	0.662 U	**0.482 J**	0.641 U
Cadmium		7440-43-9	2.5	60	**3.31**	**0.385 J**	0.682 U	0.743 U	**2.3**	**0.326 J**	**2.11**	**0.181 J**	**0.661**	0.628 U	0.662 U	**0.234 J**	0.641 U
Calcium		7440-70-2	NE	NE	**3650**	**3640**	**1320**	**2490**	**7790**	**232000**	**80500**	**1180**	**24500**	**1340**	**10500**	**6170**	**2730**
Chromium		7440-47-3	NE	NE	**31.3**	**22.3**	**25.4**	**29.7**	**24.9**	**3.98**	**21.2**	**12.8**	**14.5**	**10.4**	**8.07**	**23.1**	**16.4**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.77 U	1.15 U	1.26 U	1.42 U	1.16 U	1.53 U	1.3 U	1.24 U	1.11 U	1.19 U	1.24 U	1.19 U	1.2 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB310	GPEC-SB/PZ-311	GPEC-SB311	GPEC-SB311	GPEC-SB313	GPEC-SB313	GPEC-SB/PZ-314	GPEC-SB314	GPEC-SB315	GPEC-SB315	GPEC-SB315	GPEC-SB316	GPEC-SB/PZ-316
				Sample Name	GPEC-SB310 (13.5-14.5)	GPEC-SB/PZ311	GPEC-SB311 (9-10)	GPEC-SB311 (22-23)	GPEC-SB313 (3-3.5)	GPEC-SB313 (18-19)	GPEC-SB/PZ314	GPEC-SB314 (12-13)	GPEC-SB315	GPEC-SB315 (22-23)	GPEC-SB315 (29-30)	GPEC-SB316 (4.5-5)	GPEC-SB/PZ316 (9-10)
				Start Depth	13.5	4.5	9	22	3	18	5	12	4	22	29	4.5	9
				End Depth	14.5	5	10	23	3.5	19	5.5	13	4.5	23	30	5	10
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/7/2015	3/12/2015	4/7/2015	4/7/2015	3/23/2015	4/1/2015	3/12/2015	4/7/2015	3/13/2015	4/8/2015	4/8/2015	5/5/2015	6/30/2015
				Parent Sample													
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**													
Cobalt		7440-48-4	NE	NE	8.39	6.42	12.1	11.1	7.69	0.94	5.6	4.02	4.57	3.86	2.91	7	4.63
Copper		7440-50-8	50	10000	561	103	22.1	17.9	306	177	502	13	110	8.42	6.68	55.8	37.8
Iron		7439-89-6	NE	NE	20700	19600	24800	32800	26800	3590	17000	10700	13900	9360	7750	22800	14000
Lead		7439-92-1	63	3900	338	153	18.3	21.1	538	315	835	27.7	170	3.27	2.61	162	96.1
Magnesium		7439-95-4	NE	NE	3890	2390	2750	4350	3130	2520	5080	1680	10800	1750	6160	2980	1570
Manganese		7439-96-5	1600	10000	287	252	203	455	412	239	630	112	168	211	125	375	183
Mercury		7439-97-6	0.18	5.7	3.92	0.708	0.065	0.091	24 D	4.52 J	31.7 D	0.148	1.97	0.007 U	0.0071 U	0.922	0.377
Nickel		7440-02-0	30	10000	25.5	17.5	22	22.5	22.9	2.87	51	10.5	18.6	8.27	7.27	17.8	12.5
Potassium		7440-09-7	NE	NE	2190	1240	1830	2410	949	1070	581	531	582	568	476	1140	626
Selenium		7782-49-2	3.9	6800	6.26	2.49	2.51	2.47	2.1	1.32	3.27	1.65	1.71	0.707	1.03	0.96	1.94
Silver		7440-22-4	2	6800	1.65	0.402 J	0.682 U	0.743 U	0.52 J	0.277 J	1.1	0.671 U	0.2 J	0.628 U	0.662 U	0.617 U	0.641 U
Sodium		7440-23-5	NE	NE	3330	371	462	2150	167	1940	895	502	1660	334	306	225	278
Thallium		7440-28-0	NE	NE	0.484 J	0.601 U	0.183 J	0.207 J	0.289 J	0.675 J	0.227 J	0.671 U	0.576 U	0.628 U	0.662 U	0.253 J	0.308 J
Vanadium		7440-62-2	NE	NE	42.6	31	31.2	40.1	44.8	5.13	18.5	16.7	25	13	12.2	35.1	16.5
Zinc		7440-66-6	109	10000	467	176	63.3	67.4	552	113	1050	49.8	220	78.5	18.1	115	73.2
Cyanides	mg/kg																
Free Cyanide		FREECN	NE	NE	4.4 U	2.9 U	3.2 U	3.6 U	2.9 U	3.8 U	3.3 U	3.1 U	2.8 U	3 U	3.1 U	3 U	3 U
Other																	
Total Organic Carbon	mg/kg	TOC	NE	NE	26900	15100	8590	13400	56200	53600	23700	5350	13400	645 J	1640	22300	7030

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-316	GPEC-SB317	GPEC-SB317	GPEC-SB317	GPEC-SB318	GPEC-SB318	GPEC-SB319	GPEC-SB319	GPEC-SB319	GPEC-SB/PZ-320	GPEC-SB/PZ-320	GPEC-SB/PZ-320
				Sample Name	GPEC-SB/PZ316 (14-15)	GPEC-SB317	GPEC-SB317 (8.5-9.5)	GPEC-SB317 (12-13)	GPEC-SB318 (6.5-7)	GPEC-SB318 (20.5-21)	GPEC-SB319 (5-5.5)	GPEC-SB319 (14-15)	GPEC-SB319 (74-75)	GPEC-SB/PZ320 (5-5.5)	GPEC-SB/PZ320 (15-17)	GPEC-SB/PZ502 (15-17)
				Start Depth	14	4	8.5	12	6.5	20.5	5	14	74	5	15	15
				End Depth	15	4.5	9.5	13	7	21	5.5	15	75	5.5	17	17
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	6/30/2015	3/13/2015	4/8/2015	4/8/2015	3/19/2015	3/30/2015	3/9/2015	7/9/2015	7/9/2015	3/3/2015	4/3/2015	4/3/2015
				Parent Sample												GPEC-SB/PZ-320 (15-17)
Analyte	Units	CAS No.	Unrestricted SCO	Industrial SCO												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	5.85 U	**1.61**	**64.7 D**	**144 D**	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	**0.00424 DJ**
Toluene		108-88-3	0.7	1000	**3.7 DJ**	**0.218**	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Ethylbenzene		100-41-4	1	780	**62.5 D**	**0.234**	**31.3 D**	**22.4 D**	0.0059 U	0.00613 UJ	0.00672 UJ	**0.00475 DJ**	0.00609 U	0.00695 U	0.013 U	0.013 U
Total Xylene		1330-20-7	0.26	1000	**108 D**	**0.225 J**	**5.23 D**	**30.6 D**	0.012 U	0.012 UJ	0.013 UJ	**0.00677 DJ**	0.012 U	0.014 U	0.026 U	0.026 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	**174.2**	**2.287**	**101.23**	**197**	ND	ND	ND	**0.01152**	ND	ND	ND	**0.00424**
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	11.7 U	0.227 U	4.67 U	1.16 U	0.03 U	0.031 UJ	0.034 UJ	0.03 U	0.031 U	0.035 U	0.065 U	0.066 U
Acrolein (propenal)		107-02-8	NE	NE	117 U	2.27 U	46.7 U	11.6 U	0.118 U	0.123 R	0.134 R	0.118 U	0.122 U	0.139 U	0.258 U	0.263 U
Acrylonitrile		107-13-1	NE	NE	117 U	2.27 U	46.7 U	11.6 U	0.118 U	0.123 UJ	0.134 UJ	0.118 U	0.122 U	0.139 U	0.258 U	0.263 U
Bromodichloromethane		75-27-4	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Bromoform		75-25-2	NE	NE	5.85 U	0.113 U	4.67 U	1.16 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.012 U	0.012 U	0.00695 U	0.013 U	0.013 U
Bromomethane		74-83-9	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.012 U	0.012 UJ	0.013 UJ	0.00589 U	0.00609 U	0.014 U	0.026 U	0.026 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	11.7 U	0.227 U	4.67 U	1.16 U	0.024 U	0.025 R	0.027 R	0.024 U	0.024 U	0.028 U	0.052 U	0.053 U
Carbon disulfide		75-15-0	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	**0.088 D**	**0.052 D**
Carbon tetrachloride		56-23-5	0.76	44	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Chlorobenzene		108-90-7	1.1	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Chloroethane		75-00-3	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.012 U	0.012 UJ	0.013 UJ	0.00589 U	0.00609 U	0.014 U	0.026 U	0.026 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Chloroform		67-66-3	0.37	700	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Chloromethane		74-87-3	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Dibromochloromethane		124-48-1	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1-Dichloroethane		75-34-3	0.27	480	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,2-Dichloroethane		107-06-2	0.02	60	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1-Dichloroethene		75-35-4	0.33	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,2-Dichloropropane		78-87-5	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Diisopropyl ether		108-20-3	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
2-Hexanone		591-78-6	NE	NE	11.7 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Methylene chloride		75-09-2	0.05	1000	11.7 U	0.227 U	4.67 U	1.16 U	0.012 U	0.012 UJ	0.013 UJ	**0.014 CD**	**0.014 CD**	0.014 U	**0.073 CD**	**0.069 CD**
Styrene		100-42-5	NE	NE	**12.9 D**	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	11.7 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	**6.64 D**	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,1,2-Trichloroethane		79-00-5	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Trichloroethene (TCE)		79-01-6	0.47	400	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	11.7 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
1,2,3-Trichloropropane		96-18-4	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Vinyl acetate		108-05-4	NE	NE	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
Vinyl chloride		75-01-4	0.02	27	5.85 U	0.113 U	2.34 U	0.579 U	0.0059 U	0.00613 UJ	0.00672 UJ	0.00589 U	0.00609 U	0.00695 U	0.013 U	0.013 U
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	**0.212 D**	**0.49**	**32.3 D**	**19.7 D**	**0.566**	**0.034 J**	**0.042 J**	0.038 U	0.041 U	**0.087**	0.086 U	0.084 U
Acenaphthylene		208-96-8	100	1000	**0.755 D**	0.037 U	**1.19 D**	0.57 U	**0.369**	0.04 U	**0.113**	0.038 U	0.041 U	**0.101**	0.086 U	0.084 U
Anthracene		120-12-7	100	1000	0.184 U	**0.349**	**6.28 D**	**3.02 D**	**1.37**	**0.06**	**0.091**	0.038 U	0.041 U	**0.378**	0.086 U	0.084 U
Benzo(a)anthracene		56-55-3	1	11	0.184 U	**0.459**	**3.69 D**	**1.32 D**	**2.04**	**0.127**	**0.356**	0.038 U	0.041 U	**1.22**	0.086 U	**0.082 J**
Benzo(b)fluoranthene		205-99-2	1	11	0.184 U	**0.66**	**2.62 D**	**1.05 D**	**1.84**	**0.108**	**0.545**	0.038 U	0.041 U	**1.22**	0.086 U	**0.06 J**
Benzo(k)fluoranthene		207-08-9	0.8	110	0.184 U	**0.46**	**2.15 D**	**0.705 D**	**2.07**	**0.168**	**0.337**	0.038 U	0.041 U	**1.03**	0.086 U	**0.099**
Benzo(g,h,i)perylene		191-24-2	100	1000	0.184 U	**0.597**	**1.57 D**	**0.458 DJ**	**1.05**	**0.109**	**0.529**	0.038 U	0.041 U	**0.974**	0.086 U	0.084 U
Benzo(a)pyrene		50-32-8	1	1.1	0.184 U	**0.623**	**2.86 D**	**0.959 D**	**2.36**	**0.133**	**0.49**	0.038 U	0.041 U	**1.33**	0.086 U	**0.091**
Chrysene		218-01-9	1	110	0.184 U	**0.536**	**3.81 D**	**1.19 D**	**2.02**	**0.159**	**0.403**	**0.025 J**	0.041 U	**1.34**	0.086 U	**0.088**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	0.184 U	**0.158**	**0.479 DJ**	0.57 U	**0.375**	**0.04**	**0.153**	0.038 U	0.041 U	**0.327**	0.086 U	0.084 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-316	GPEC-SB317	GPEC-SB317	GPEC-SB317	GPEC-SB318	GPEC-SB318	GPEC-SB319	GPEC-SB319	GPEC-SB319	GPEC-SB/PZ-320	GPEC-SB/PZ-320	GPEC-SB/PZ-320
				Sample Name	GPEC-SB/PZ316 (14-15)	GPEC-SB317	GPEC-SB317 (8.5-9.5)	GPEC-SB317 (12-13)	GPEC-SB318 (6.5-7)	GPEC-SB318 (20.5-21)	GPEC-SB319 (5-5.5)	GPEC-SB319 (14-15)	GPEC-SB319 (74-75)	GPEC-SB/PZ320 (5-5.5)	GPEC-SB/PZ320 (15-17)	GPEC-SB/PZ502 (15-17)
				Start Depth	14	4	8.5	12	6.5	20.5	5	14	74	5	15	15
				End Depth	15	4.5	9.5	13	7	21	5.5	15	75	5.5	17	17
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	6/30/2015	3/13/2015	4/8/2015	4/8/2015	3/19/2015	3/30/2015	3/9/2015	7/9/2015	7/9/2015	3/3/2015	4/3/2015	4/3/2015
				Parent Sample												GPEC-SB/PZ-320 (15-17)
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	0.184 U	**0.935**	**10.4 D**	**3.39 D**	**4.84**	**0.249**	**0.653**	**0.046**	0.041 U	**2.51**	**0.055 J**	**0.134**
Fluorene		86-73-7	30	1000	**0.201 D**	**0.245**	**13.4 D**	**8.06 D**	**0.583**	**0.04 J**	**0.051**	0.038 U	0.041 U	**0.124**	0.086 U	0.084 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	0.184 U	**0.497**	**1.45 D**	0.57 U	**0.978**	**0.084**	**0.408**	0.038 U	0.041 U	**0.829**	0.086 U	0.084 U
2-Methylnaphthalene		91-57-6	NE	NE	**8.2 D**	**0.569**	**62.6 D**	**40.8 D**	**0.419**	**0.037 J**	**1.81**	**0.041**	0.041 U	**0.077**	**0.092**	**0.212**
Naphthalene		91-20-3	12	1000	**43.8 D**	**2.29**	**221 D**	**149 D**	**0.406**	**0.064**	**4.05**	**1.46**	0.041 U	**0.687**	**0.242**	**0.539**
Phenanthrene		85-01-8	100	1000	**0.313 D**	**0.811**	**25.9 D**	**10.3 D**	**3.79**	**0.31**	**0.429**	**0.043**	0.041 U	**1.64**	**0.057 J**	**0.13**
Pyrene		129-00-0	100	1000	0.184 U	**0.962**	**8.32 D**	**2.66 D**	**3.98**	**0.333**	**0.507**	**0.04**	0.041 U	**2.02**	**0.053 J**	**0.138**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**53.481**	**10.641**	**400.019**	**242.612**	**29.056**	**2.055**	**10.967**	**1.655**	ND	**15.894**	**0.499**	**1.573**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Benzidine		92-87-5	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Benzoic acid		65-85-0	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 UJ	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Benzyl alcohol		100-51-6	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	0.184 U	**0.552**	**0.525 DJ**	0.57 U	**0.7**	0.04 U	**0.217**	0.038 U	**0.041 J**	**0.76**	**0.098**	**0.106**
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Carbazole		86-74-8	NE	NE	0.184 U	0.037 U	**1.56 D**	**0.728 D**	**0.384**	**0.033 J**	**0.037 J**	0.038 U	0.041 U	**0.09**	0.086 U	0.084 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4-Chloroaniline		106-47-8	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2-Chloronaphthalene		91-58-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2-Chlorophenol		95-57-8	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Dibenzofuran		132-64-9	7	1000	**0.272 D**	**0.199**	**10.2 D**	**7.35 D**	**0.318**	**0.027 J**	**0.083**	0.038 U	0.041 U	**0.076**	0.086 U	0.084 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Diethyl phthalate		84-66-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Dimethyl phthalate		131-11-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 UJ	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Hexachlorobenzene		118-74-1	0.33	12	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Hexachloroethane		67-72-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Isophorone		78-59-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2-Nitroaniline		88-74-4	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
3-Nitroaniline		99-09-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4-Nitroaniline		100-01-6	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Nitrobenzene		98-95-3	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-316	GPEC-SB317	GPEC-SB317	GPEC-SB317	GPEC-SB318	GPEC-SB318	GPEC-SB319	GPEC-SB319	GPEC-SB319	GPEC-SB/PZ-320	GPEC-SB/PZ-320	GPEC-SB/PZ-320
				Sample Name	GPEC-SB/PZ316 (14-15)	GPEC-SB317	GPEC-SB317 (8.5-9.5)	GPEC-SB317 (12-13)	GPEC-SB318 (6.5-7)	GPEC-SB318 (20.5-21)	GPEC-SB319 (5-5.5)	GPEC-SB319 (14-15)	GPEC-SB319 (74-75)	GPEC-SB/PZ320 (5-5.5)	GPEC-SB/PZ320 (15-17)	GPEC-SB/PZ502 (15-17)
				Start Depth	14	4	8.5	12	6.5	20.5	5	14	74	5	15	15
				End Depth	15	4.5	9.5	13	7	21	5.5	15	75	5.5	17	17
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	6/30/2015	3/13/2015	4/8/2015	4/8/2015	3/19/2015	3/30/2015	3/9/2015	7/9/2015	7/9/2015	3/3/2015	4/3/2015	4/3/2015
				Parent Sample												GPEC-SB/PZ-320 (15-17)
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
4-Nitrophenol		100-02-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Pentachlorophenol		87-86-5	0.8	55	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Phenol		108-95-2	0.33	1000	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Pyridine		110-86-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.184 U	0.037 U	0.739 U	0.57 U	0.039 U	0.04 U	0.043 U	0.038 U	0.041 U	0.046 U	0.086 U	0.084 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**53.753**	**11.392**	**412.304**	**250.69**	**30.458**	**2.115**	**11.304**	**1.655**	**0.041**	**16.82**	**0.597**	**1.679**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1232		11141-16-5	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1242		53469-21-9	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1016		12674-11-2	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1248		12672-29-6	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1254		11097-69-1	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Aroclor 1260		11096-82-5	NE	NE	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.022 U	0.043 U	0.043 U	0.021 U	0.023 U	0.024 U	0.026 U	0.022 U	0.024 U	0.028 U	0.05 U	0.052 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Chlordane (Technical)		12789-03-6	NE	NE	NA	0.054 U	NA	NA	0.059 U	NA	0.065 U	NA	NA	0.069 U	NA	NA
alpha-Chlordane		5103-71-9	0.094	47	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
gamma-Chlordane		5103-74-2	NE	NE	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	NA	0.00428 U	NA	NA	**0.00688**	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Dieldrin		60-57-1	0.005	2.8	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Endosulfan sulfate		1031-07-8	2.4	920	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Endrin		72-20-8	0.014	410	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Endrin aldehyde		7421-93-4	NE	NE	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Endrin ketone		53494-70-5	NE	NE	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Heptachlor		76-44-8	0.042	29	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Heptachlor epoxide		1024-57-3	NE	NE	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Methoxychlor		72-43-5	NE	NE	NA	0.00428 U	NA	NA	0.00468 U	NA	0.00521 U	NA	NA	0.0055 U	NA	NA
Toxaphene		8001-35-2	NE	NE	NA	0.054 U	NA	NA	0.059 U	NA	0.065 U	NA	NA	0.069 U	NA	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	NA	0.022 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	NA	0.022 U	NA	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	NA	0.019 U	NA	NA	0.019 U	NA	0.021 U	NA	NA	0.022 U	NA	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**6120**	**4590**	**6350**	**9360**	**7710**	**11300**	**5280**	**8320**	**14100**	**4550**	**16900**	**12100**
Antimony		7440-36-0	NE	NE	0.604 U	**2.07**	**0.451 J**	0.604 U	**1.5**	**0.353 J**	**17.8**	0.633 U	0.61 U	**231**	**22.5**	**11.1**
Arsenic		7440-38-2	13	16	**3.21**	**9.28**	**2.72**	**2.17**	**9.48**	**4.14**	**14.2**	**3.04**	**1.89**	**133**	**22.8**	**11**
Barium		7440-39-3	350	10000	**27.5**	**69.9**	**42**	**38.4**	**114**	**108**	**1330**	**40**	**139**	**817**	**271**	**117**
Beryllium		7440-41-7	7.2	2700	**0.459 J**	**0.607**	**0.303 J**	**0.422 J**	**1.4**	**0.697**	**1.43**	**0.556 J**	**0.617**	**0.467 J**	**0.71 J**	**0.636 J**
Cadmium		7440-43-9	2.5	60	**0.219 J**	**1.46**	**0.215 J**	0.604 U	**0.349 J**	0.643 U	**1.48**	0.633 U	0.61 U	**3.68**	**2.14**	**0.791 J**
Calcium		7440-70-2	NE	NE	**1210**	**33500**	**15300**	**1230**	**7550**	**14100**	**14700**	**1510**	**10700**	**16700**	**38400**	**9760**
Chromium		7440-47-3	NE	NE	**15.4**	**15.1**	**15.5**	**19.3**	**30.1**	**27.8**	**22.5**	**20.7**	**33.1**	**251**	**73**	**36.9**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.16 U	1.13 U	1.17 U	1.16 U	1.2 U	1.23 U	1.34 UJ	1.18 U	1.21 U	1.39 U	2.58 U	2.63 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-316	GPEC-SB317	GPEC-SB317	GPEC-SB317	GPEC-SB318	GPEC-SB318	GPEC-SB319	GPEC-SB319	GPEC-SB319	GPEC-SB/PZ-320	GPEC-SB/PZ-320	GPEC-SB/PZ-320
				Sample Name	GPEC-SB/PZ316 (14-15)	GPEC-SB317	GPEC-SB317 (8.5-9.5)	GPEC-SB317 (12-13)	GPEC-SB318 (6.5-7)	GPEC-SB318 (20.5-21)	GPEC-SB319 (5-5.5)	GPEC-SB319 (14-15)	GPEC-SB319 (74-75)	GPEC-SB/PZ320 (5-5.5)	GPEC-SB/PZ320 (15-17)	GPEC-SB/PZ502 (15-17)
				Start Depth	14	4	8.5	12	6.5	20.5	5	14	74	5	15	15
				End Depth	15	4.5	9.5	13	7	21	5.5	15	75	5.5	17	17
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	6/30/2015	3/13/2015	4/8/2015	4/8/2015	3/19/2015	3/30/2015	3/9/2015	7/9/2015	7/9/2015	3/3/2015	4/3/2015	4/3/2015
				Parent Sample												GPEC-SB/PZ-320 (15-17)
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	**11.4**	**7.72**	**4.94**	**9.5**	**7.82**	**7.09**	**6.46**	**7.15**	**9.48**	**46.9**	**10.9**	**7.41**
Copper		7440-50-8	50	10000	**14.1**	**131**	**25.5**	**15.5**	**135**	**34.9**	**215**	**18.9**	**19.3**	**2750**	**377**	**462**
Iron		7439-89-6	NE	NE	**20900**	**15900**	**13400**	**15600**	**20800**	**22800**	**23600**	**21400**	**23200**	**337000 D**	**57300**	**39500**
Lead		7439-92-1	63	3900	**9.88**	**120**	**22.4**	**5.98**	**252**	**123**	**12300**	**14.5**	**6.39**	**16700**	**1260**	**497**
Magnesium		7439-95-4	NE	NE	**1560**	**14100**	**3810**	**2640**	**4410**	**2940**	**6450**	**2200**	**10500**	**2440**	**6590**	**5050**
Manganese		7439-96-5	1600	10000	**288**	**219**	**294**	**178**	**304**	**501**	**999**	**481**	**421**	**1350**	**655**	**396**
Mercury		7439-97-6	0.18	5.7	**0.028**	**1.06**	**0.107**	0.0068 U	**0.358**	**0.291**	**1.07**	**0.049**	**0.021**	**5.77 D**	**0.795**	**0.233**
Nickel		7440-02-0	30	10000	**14.8**	**24.7**	**12.7**	**14.5**	**34.1**	**21.6**	**29.1**	**13.9**	**25.9**	**130**	**47.5**	**30.4**
Potassium		7440-09-7	NE	NE	**833**	**760**	**898**	**1000**	**993**	**1350**	**1010**	**1100**	**4640**	**604**	**3540**	**3600**
Selenium		7782-49-2	3.9	6800	**0.675**	**2.2**	**1.46**	**1.3**	**1.45**	**1.46**	**3.11**	**0.69**	**1.67**	**2.15**	**3.24**	**1.91**
Silver		7440-22-4	2	6800	0.604 U	**0.236 J**	0.62 U	0.604 U	**0.173 J**	0.643 U	**0.471 J**	0.633 U	0.61 U	**4.63**	**0.929 J**	**0.581 J**
Sodium		7440-23-5	NE	NE	**135**	**1570**	**847**	**536**	**187**	**454**	**669**	**175**	**790**	**502**	**3310**	**4350**
Thallium		7440-28-0	NE	NE	**0.178 J**	**0.152 J**	0.62 U	0.604 U	0.622 U	**0.254 J**	**0.297 J**	**0.372 J**	**0.183 J**	**0.24 J**	**2.76**	**0.666 J**
Vanadium		7440-62-2	NE	NE	**25.9**	**26.9**	**25.2**	**28.4**	**35.4**	**33.1**	**31.4**	**31.7**	**40**	**228**	**266**	**78.5**
Zinc		7440-66-6	109	10000	**43.2**	**526**	**64.7**	**26.5**	**228**	**139**	**2700**	**41.8**	**50.9**	**1610**	**723**	**306**
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	2.9 U	2.8 U	2.9 U	2.9 U	2.9 U	3.1 U	3.4 U	2.9 U	3 U	3.5 U	6.5 U	6.6 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	**1440**	**19400**	**2900**	**1510**	**10100**	**7280**	**43900**	**740 J**	**593 J**	**31500**	**82200**	**63000**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB321	GPEC-SB321	GPEC-SB321	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB324	GPEC-SB324
				Sample Name	GPEC-SB321 (1-1.5)	GPEC-SB321 (12-13)	GPEC-SB321 (29-30)	GPEC-SB/PZ322 (5-5.5)	GPEC-SB/PZ322 (13.5-14.5)	GPEC-SB/PZ322 (29-30)	GPEC-SB/PZ323 (5-5.5)	GPEC-SB/PZ323 (13.5-14.5)	GPEC-SB/PZ323 (29-30)	GPEC-SB324 (5-5.5)	GPEC-SB324 (12.5-13.5)
				Start Depth	1	12	29	5	13.5	29	5	13.5	29	5	12.5
				End Depth	1.5	13	30	5.5	14.5	30	5.5	14.5	30	5.5	13.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015	4/9/2015	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015
				Parent Sample											
Analyte	Units	CAS No.	Unrestricted SCO	Industrial SCO											
BTEX	mg/kg														
Benzene		71-43-2	0.06	89	**0.165 DJ**	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Toluene		108-88-3	0.7	1000	**0.113 DJ**	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Ethylbenzene		100-41-4	1	780	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Total Xylene		1330-20-7	0.26	1000	0.466 U	0.012 U	0.012 U	0.012 U	0.011 U	0.011 U	0.011 U	0.025 U	0.012 U	0.012 U	0.012 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	**0.278**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Other VOCs	mg/kg														
Acetone		67-64-1	0.05	1000	0.466 U	0.03 U	0.029 U	0.029 U	0.028 U	0.028 U	0.028 U	0.062 U	0.03 U	0.029 U	0.03 U
Acrolein (propenal)		107-02-8	NE	NE	4.66 U	0.122 U	0.117 U	0.117 U	0.111 U	0.11 U	0.113 U	0.246 U	0.119 U	0.115 U	0.12 U
Acrylonitrile		107-13-1	NE	NE	4.66 U	0.122 U	0.117 U	0.117 U	0.111 U	0.11 U	0.113 U	0.246 U	0.119 U	0.115 U	0.12 U
Bromodichloromethane		75-27-4	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Bromoform		75-25-2	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Bromomethane		74-83-9	NE	NE	0.233 U	0.00608 U	0.00586 U	0.012 U	0.00557 U	0.00552 U	0.011 U	0.012 U	0.00597 U	0.012 U	0.00599 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.466 U	0.024 U	0.023 U	0.023 U	0.022 U	0.022 U	0.023 U	0.049 U	0.024 U	0.023 U	0.024 U
Carbon disulfide		75-15-0	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	**0.00772 D**
Carbon tetrachloride		56-23-5	0.76	44	0.233 U	0.012 U	0.012 U	0.00586 U	0.011 U	0.011 U	0.00566 U	0.025 U	0.012 U	0.00574 U	0.012 U
Chlorobenzene		108-90-7	1.1	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Chloroethane		75-00-3	NE	NE	0.233 U	0.00608 U	0.00586 U	0.012 U	0.00557 U	0.00552 U	0.011 U	0.012 U	0.00597 U	0.012 U	0.00599 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Chloroform		67-66-3	0.37	700	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Chloromethane		74-87-3	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Dibromochloromethane		124-48-1	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1-Dichloroethane		75-34-3	0.27	480	0.233 U	0.00608 U	0.00586 U	**0.00489 DJ**	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,2-Dichloroethane		107-06-2	0.02	60	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,2-Dichloropropane		78-87-5	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Diisopropyl ether		108-20-3	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
2-Hexanone		591-78-6	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Methylene chloride		75-09-2	0.05	1000	0.466 U	**0.019 CD**	**0.014 CD**	**0.02 CD**	**0.036 CD**	**0.035 CD**	**0.015 CD**	0.025 U	**0.037 CD**	**0.024 CD**	**0.033 CD**
Styrene		100-42-5	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.233 U	0.00608 U	0.00586 U	**0.00575 DJ**	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Vinyl acetate		108-05-4	NE	NE	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
Vinyl chloride		75-01-4	0.02	27	0.233 U	0.00608 U	0.00586 U	0.00586 U	0.00557 U	0.00552 U	0.00566 U	0.012 U	0.00597 U	0.00574 U	0.00599 U
NYSDEC PAH17	mg/kg														
Acenaphthene		83-32-9	20	1000	**0.827 D**	**0.032 J**	0.038 U	**0.913 D**	0.037 U	0.036 U	**0.093**	0.041 U	0.039 U	**3.66 D**	0.04 U
Acenaphthylene		208-96-8	100	1000	**5.3 D**	0.041 U	0.038 U	**0.397 D**	0.037 U	0.036 U	**0.469**	0.041 U	0.039 U	**9.04 D**	0.04 U
Anthracene		120-12-7	100	1000	**6.6 D**	**0.095**	0.038 U	**3.6 D**	0.037 U	0.036 U	**0.437**	**0.031 J**	0.039 U	**18.2 D**	**0.056**
Benzo(a)anthracene		56-55-3	1	11	**11.8 D**	**0.335**	0.038 U	**8.04 D**	0.037 U	0.036 U	**2.42**	**0.11**	0.039 U	**44.3 D**	**0.157**
Benzo(b)fluoranthene		205-99-2	1	11	**13.1 D**	**0.291**	0.038 U	**9.08 D**	0.037 U	0.036 U	**2.57**	**0.099**	0.039 U	**48.7 D**	**0.125**
Benzo(k)fluoranthene		207-08-9	0.8	110	**9.43 D**	**0.256**	0.038 U	**6.83 D**	0.037 U	0.036 U	**2.32**	**0.067**	0.039 U	**38.7 D**	**0.121**
Benzo(g,h,i)perylene		191-24-2	100	1000	**8.66 D**	**0.186**	0.038 U	**4.26 D**	0.037 U	0.036 U	**1.71**	**0.075**	0.039 U	**19.7 D**	**0.09**
Benzo(a)pyrene		50-32-8	1	1.1	**13.1 D**	**0.288**	0.038 U	**9.13 D**	0.037 U	0.036 U	**2.61**	**0.095**	0.039 U	**53 D**	**0.142**
Chrysene		218-01-9	1	110	**10.7 D**	**0.387**	0.038 U	**7.49 D**	0.037 U	0.036 U	**2.38**	**0.103**	0.039 U	**42.4 D**	**0.157**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**2.3 D**	**0.052**	0.038 U	**1.56 D**	0.037 U	0.036 U	**0.504**	0.041 U	0.039 U	**7.93 D**	**0.027 J**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB321	GPEC-SB321	GPEC-SB321	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB324	GPEC-SB324
				Sample Name	GPEC-SB321 (1-1.5)	GPEC-SB321 (12-13)	GPEC-SB321 (29-30)	GPEC-SB/PZ322 (5-5.5)	GPEC-SB/PZ322 (13.5-14.5)	GPEC-SB/PZ322 (29-30)	GPEC-SB/PZ323 (5-5.5)	GPEC-SB/PZ323 (13.5-14.5)	GPEC-SB/PZ323 (29-30)	GPEC-SB324 (5-5.5)	GPEC-SB324 (12.5-13.5)
				Start Depth	1	12	29	5	13.5	29	5	13.5	29	5	12.5
				End Depth	1.5	13	30	5.5	14.5	30	5.5	14.5	30	5.5	13.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015	4/9/2015	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015
				Parent Sample											
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**											
Fluoranthene		206-44-0	100	1000	**30.6 D**	**0.658**	0.038 U	**17.7 D**	0.037 U	0.036 U	**4.01**	**0.204**	**0.029 J**	**103 D**	**0.315**
Fluorene		86-73-7	30	1000	**6.22 D**	**0.03 J**	0.038 U	**0.998 D**	0.037 U	0.036 U	**0.1**	0.041 U	0.039 U	**18.5 D**	**0.05**
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**7.47 D**	**0.163**	0.038 U	**4.31 D**	0.037 U	0.036 U	**1.55**	**0.058**	0.039 U	**22 D**	**0.083**
2-Methylnaphthalene		91-57-6	NE	NE	**2.09 D**	0.041 U	0.038 U	**0.741 D**	0.037 U	0.036 U	**0.062**	0.041 U	0.039 U	**3.79 D**	0.04 U
Naphthalene		91-20-3	12	1000	**12.9 D**	0.041 U	0.038 U	**0.919 D**	0.037 U	0.036 U	**0.124**	0.041 U	0.039 U	**13 D**	**0.052**
Phenanthrene		85-01-8	100	1000	**27.3 D**	**0.458**	0.038 U	**14.3 D**	0.037 U	0.036 U	**1.59**	**0.125**	0.039 U	**88.2 D**	**0.23**
Pyrene		129-00-0	100	1000	**20.3 D**	**0.615**	0.038 U	**12.2 D**	0.037 U	0.036 U	**3.09**	**0.199**	**0.029 J**	**73.3 D**	**0.264**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**188.697**	**3.846**	ND	**102.468**	ND	ND	**26.039**	**1.166**	**0.058**	**607.42**	**1.869**
NYSDEC PAH17 Other SVOCs	mg/kg														
Aniline		62-53-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Benzidine		92-87-5	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Benzoic acid		65-85-0	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Benzyl alcohol		100-51-6	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.392 D**	**0.035 J**	0.038 U	0.155 U	**0.113**	0.036 U	**0.156**	**0.143**	**0.236**	0.743 U	**0.153**
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Carbazole		86-74-8	NE	NE	**3.44 D**	**0.058**	0.038 U	**0.936 D**	0.037 U	0.036 U	**0.131**	0.041 U	0.039 U	**11.3 D**	**0.037 J**
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4-Chloroaniline		106-47-8	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2-Chloronaphthalene		91-58-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2-Chlorophenol		95-57-8	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Dibenzofuran		132-64-9	7	1000	**3.95 D**	0.041 U	0.038 U	**0.995 D**	0.037 U	0.036 U	**0.087**	0.041 U	0.039 U	**11 D**	**0.034 J**
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Diethyl phthalate		84-66-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Dimethyl phthalate		131-11-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Hexachlorobenzene		118-74-1	0.33	12	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Hexachloroethane		67-72-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Isophorone		78-59-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2-Nitroaniline		88-74-4	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
3-Nitroaniline		99-09-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4-Nitroaniline		100-01-6	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Nitrobenzene		98-95-3	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB321	GPEC-SB321	GPEC-SB321	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB324	GPEC-SB324
				Sample Name	GPEC-SB321 (1-1.5)	GPEC-SB321 (12-13)	GPEC-SB321 (29-30)	GPEC-SB/PZ322 (5-5.5)	GPEC-SB/PZ322 (13.5-14.5)	GPEC-SB/PZ322 (29-30)	GPEC-SB/PZ323 (5-5.5)	GPEC-SB/PZ323 (13.5-14.5)	GPEC-SB/PZ323 (29-30)	GPEC-SB324 (5-5.5)	GPEC-SB324 (12.5-13.5)
				Start Depth	1	12	29	5	13.5	29	5	13.5	29	5	12.5
				End Depth	1.5	13	30	5.5	14.5	30	5.5	14.5	30	5.5	13.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015	4/9/2015	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015
				Parent Sample											
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**											
2-Nitrophenol		88-75-5	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
4-Nitrophenol		100-02-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Pentachlorophenol		87-86-5	0.8	55	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Phenol		108-95-2	0.33	1000	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Pyridine		110-86-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.375 U	0.041 U	0.038 U	0.155 U	0.037 U	0.036 U	0.036 U	0.041 U	0.039 U	0.743 U	0.04 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**196.479**	**3.939**	ND	**104.399**	**0.113**	ND	**26.413**	**1.309**	**0.294**	**629.72**	**2.093**
PCB Aroclors	mg/kg														
Aroclor 1221		11104-28-2	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1232		11141-16-5	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1242		53469-21-9	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1016		12674-11-2	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1248		12672-29-6	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1254		11097-69-1	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Aroclor 1260		11096-82-5	NE	NE	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.109 U	0.024 U	0.022 U	0.045 U	0.021 U	0.021 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg														
Aldrin		309-00-2	0.005	1.4	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Chlordane (Technical)		12789-03-6	NE	NE	**0.134**	NA	NA	0.056 U	NA	NA	**0.066**	NA	NA	0.055 U	NA
alpha-Chlordane		5103-71-9	0.094	47	**0.017**	NA	NA	0.00447 U	NA	NA	**0.00991**	NA	NA	0.00439 U	NA
gamma-Chlordane		5103-74-2	NE	NE	**0.00384 J**	NA	NA	**0.00526**	NA	NA	**0.00593**	NA	NA	**0.01**	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	0.00434 U	NA	NA	0.00447 U	NA	NA	**0.00473**	NA	NA	0.00439 U	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	0.00434 U	NA	NA	0.00447 U	NA	NA	**0.00854**	NA	NA	0.00439 U	NA
Dieldrin		60-57-1	0.005	2.8	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Endosulfan sulfate		1031-07-8	2.4	920	**0.023**	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Endrin		72-20-8	0.014	410	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Endrin aldehyde		7421-93-4	NE	NE	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Endrin ketone		53494-70-5	NE	NE	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Heptachlor		76-44-8	0.042	29	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Heptachlor epoxide		1024-57-3	NE	NE	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Methoxychlor		72-43-5	NE	NE	0.00434 U	NA	NA	0.00447 U	NA	NA	0.00446 U	NA	NA	0.00439 U	NA
Toxaphene		8001-35-2	NE	NE	0.054 U	NA	NA	0.056 U	NA	NA	0.056 U	NA	NA	0.055 U	NA
Herbicides	mg/kg														
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA	NA	0.019 U	NA
Metals	mg/kg														
Aluminum		7429-90-5	NE	NE	**7620**	**5460**	**3160**	**5670**	**3770**	**3240**	**6520**	**3890**	**4350**	**9010**	**13300**
Antimony		7440-36-0	NE	NE	**1.34**	**1.09**	0.622 U	**4.06**	**0.319 J**	0.58 U	**3.49**	**1.16**	**0.376 J**	**9.26**	**0.42 J**
Arsenic		7440-38-2	13	16	**6.82**	**1.93**	**0.627**	**14**	**0.991**	**0.535 J**	**7.6**	**1.29**	**1.27**	**13.3**	**3.08**
Barium		7440-39-3	350	10000	**71.5**	**82.1**	**18.7**	**571**	**13.1**	**17.7**	**165**	**44.2**	**27.8**	**425**	**51.7**
Beryllium		7440-41-7	7.2	2700	**0.463 J**	0.66 U	0.622 U	**0.414 J**	0.576 U	0.58 U	**0.366 J**	0.643 U	0.641 U	**0.499 J**	**0.483 J**
Cadmium		7440-43-9	2.5	60	**0.26 J**	0.66 U	0.622 U	**0.627**	0.576 U	0.58 U	**0.408 J**	0.643 U	0.641 U	**0.987**	0.628 U
Calcium		7440-70-2	NE	NE	**27600**	**1420**	**1090**	**9930**	**927**	**1240**	**5540**	**2440**	**1740**	**7430**	**2700**
Chromium		7440-47-3	NE	NE	**18.9**	**13**	**8.46**	**17.3**	**11.2**	**10.1**	**17.1**	**10.7**	**13.6**	**25**	**20.7**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.17 U	1.22 U	1.17 U	1.17 U	1.11 U	1.1 U	1.13 U	1.23 U	1.19 U	1.15 U	1.2 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB321	GPEC-SB321	GPEC-SB321	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-322	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB/PZ-323	GPEC-SB324	GPEC-SB324
				Sample Name	GPEC-SB321 (1-1.5)	GPEC-SB321 (12-13)	GPEC-SB321 (29-30)	GPEC-SB/PZ322 (5-5.5)	GPEC-SB/PZ322 (13.5-14.5)	GPEC-SB/PZ322 (29-30)	GPEC-SB/PZ323 (5-5.5)	GPEC-SB/PZ323 (13.5-14.5)	GPEC-SB/PZ323 (29-30)	GPEC-SB324 (5-5.5)	GPEC-SB324 (12.5-13.5)
				Start Depth	1	12	29	5	13.5	29	5	13.5	29	5	12.5
				End Depth	1.5	13	30	5.5	14.5	30	5.5	14.5	30	5.5	13.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015	4/9/2015	3/16/2015	4/9/2015	4/9/2015	3/24/2015	4/9/2015
				Parent Sample											
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**											
Cobalt		7440-48-4	NE	NE	**5.8**	**6.76**	**2.61**	**10.6**	**2.63**	**3.49**	**5.22**	**3.61**	**4.37**	**7.32**	**6.19**
Copper		7440-50-8	50	10000	**71.4**	**17.6**	**7.07**	**112**	**11.5**	**8.54**	**131**	**16.3**	**14.4**	**297**	**18.7**
Iron		7439-89-6	NE	NE	**16900**	**12200**	**7330**	**16500**	**8250**	**7740**	**14600**	**9520**	**13900**	**25400**	**16600**
Lead		7439-92-1	63	3900	**155**	**59.5**	**2.4**	**1050**	**2.6**	**2.33**	**223**	**13.8**	**5.03**	**567**	**28.8**
Magnesium		7439-95-4	NE	NE	**10300**	**2300**	**1330**	**2650**	**1530**	**1550**	**3340**	**2120**	**2110**	**2700**	**2390**
Manganese		7439-96-5	1600	10000	**297**	**413**	**72.8**	**225**	**67.7**	**82.7**	**297**	**115**	**148**	**429**	**266**
Mercury		7439-97-6	0.18	5.7	**1.01**	**0.11**	**0.0074**	**1.45**	**0.011**	0.006 U	**1.05**	**0.023**	**0.017**	**1.76**	**0.118**
Nickel		7440-02-0	30	10000	**15.8**	**20.5**	**6.43**	**14.9**	**7.92**	**8.02**	**14.8**	**9.12**	**9.64**	**24.1**	**12.5**
Potassium		7440-09-7	NE	NE	**1080**	**1210**	**485**	**949**	**628**	**541**	**1020**	**634**	**807**	**992**	**784**
Selenium		7782-49-2	3.9	6800	**1.63**	**1.34**	**1.01**	**1.3**	0.576 U	**0.72**	**1.63**	**0.948**	**0.858**	**2.72**	**2.17**
Silver		7440-22-4	2	6800	0.625 U	0.66 U	0.622 U	**0.264 J**	0.576 U	0.58 U	**0.546 J**	0.643 U	0.641 U	**0.525 J**	0.628 U
Sodium		7440-23-5	NE	NE	**1300**	**800**	**531**	**1080**	**532**	**492**	**320**	**637**	**536**	**936**	**820**
Thallium		7440-28-0	NE	NE	**0.207 J**	**0.271 J**	0.622 U	**0.3 J**	0.576 U	0.58 U	**0.265 J**	0.643 U	0.641 U	**0.239 J**	0.628 U
Vanadium		7440-62-2	NE	NE	**36.5**	**23**	**13.3**	**25.2**	**15.4**	**16.2**	**24.3**	**16.5**	**27.3**	**31.3**	**27.2**
Zinc		7440-66-6	109	10000	**93.8**	**52.6**	**12.8**	**350**	**41.7**	**13.1**	**193**	**46.6**	**27.7**	**642**	**48.6**
Cyanides	mg/kg														
Free Cyanide		FREECN	NE	NE	2.9 U	3 U	2.9 U	2.9 U	2.8 U	2.8 U	2.8 U	3.1 U	3 U	2.9 U	3 U
Other															
Total Organic Carbon	mg/kg	TOC	NE	NE	**27600**	**3740**	1000 U	**53700**	1000 U	1000 U	**6830**	**834 J**	1000 U	**35700**	**6050**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-325	GPEC-SB325	GPEC-SB326	GPEC-SB326	GPEC-SB326	GPEC-SB328	GPEC-SB328	GPEC-SB328	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-330
				Sample Name	GPEC-SB/PZ325 (5-5.5)	GPEC-SB325 (26-27)	GPEC-SB326 (3-3.5)	GPEC-SB503 (3-3.5)	GPEC-SB326 (26-27)	GPEC-SB328 (5-5.5)	GPEC-SB328 (17.5-18.5)	GPEC-SB328 (74-75)	GPEC-SB/PZ329 (5-5.5)	GPEC-SB/PZ329 (7-8)	GPEC-SB/PZ329 (24-25)	GPEC-SB/PZ330 (5-5.5)
				Start Depth	5	26	3	3	26	5	17.5	74	5	7	24	5
				End Depth	5.5	27	3.5	3.5	27	5.5	18.5	75	5.5	8	25	5.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	4/7/2015	5/6/2015	5/6/2015	5/7/2015	3/3/2015	7/8/2015	7/9/2015	3/2/2015	4/2/2015	4/2/2015	3/20/2015
				Parent Sample				GPEC-SB-326 (3-3.5)								
Analyte	Units	CAS No.	Unrestricted SCO	Industrial SCO												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	**0.00171 J**	**0.00423 DJ**	0.00573 U	0.00595 U	**1.55**	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Toluene		108-88-3	0.7	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Ethylbenzene		100-41-4	1	780	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	**0.318**	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Total Xylene		1330-20-7	0.26	1000	0.012 UJ	0.013 U	0.012 U	0.012 U	**0.231 J**	0.011 U	0.019 U	**0.00539 DJ**	0.014 U	0.014 U	0.017 U	0.012 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	**0.00171**	**0.00423**	ND	ND	**2.099**	ND	ND	**0.00539**	ND	ND	ND	ND
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.029 UJ	0.033 U	0.029 U	0.03 U	0.268 U	0.028 U	**0.074 D**	0.03 U	0.035 U	0.035 U	0.041 U	0.03 U
Acrolein (propenal)		107-02-8	NE	NE	0.116 R	0.131 U	0.115 U	0.119 U	2.68 U	0.11 U	0.192 U	0.119 U	0.14 U	0.14 U	0.165 U	0.12 U
Acrylonitrile		107-13-1	NE	NE	0.116 UJ	0.131 U	0.115 U	0.119 U	2.68 U	0.11 U	0.192 U	0.119 U	0.14 U	0.14 U	0.165 U	0.12 U
Bromodichloromethane		75-27-4	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Bromoform		75-25-2	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.019 U	0.012 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Bromomethane		74-83-9	NE	NE	0.012 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.011 U	0.00962 U	0.00597 U	0.014 U	0.014 U	0.017 U	0.012 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.023 R	0.026 U	0.023 U	0.024 U	0.268 U	0.022 U	0.039 U	0.024 U	0.028 U	0.028 U	0.033 U	0.024 U
Carbon disulfide		75-15-0	NE	NE	**0.00441 J**	**0.0056 DJ**	0.00573 U	0.00595 U	0.134 U	0.00552 U	**0.013 D**	0.00597 U	0.00702 U	**0.013 D**	**0.102 D**	0.006 U
Carbon tetrachloride		56-23-5	0.76	44	0.00579 UJ	0.013 U	0.012 U	0.012 U	0.268 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Chlorobenzene		108-90-7	1.1	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Chloroethane		75-00-3	NE	NE	0.012 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.011 U	0.00962 U	0.00597 U	0.014 U	0.014 U	0.017 U	0.012 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Chloroform		67-66-3	0.37	700	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Chloromethane		74-87-3	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Dibromochloromethane		124-48-1	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,1-Dichloroethane		75-34-3	0.27	480	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,2-Dichloroethane		107-06-2	0.02	60	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,2-Dichloropropane		78-87-5	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Diisopropyl ether		108-20-3	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
2-Hexanone		591-78-6	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	**0.01 D**	0.00597 U	0.00702 U	**0.012 D**	0.00824 U	0.006 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Methylene chloride		75-09-2	0.05	1000	0.012 UJ	0.013 U	0.012 U	0.012 U	0.268 U	0.011 U	**0.029 CD**	**0.014 CD**	0.014 U	**0.032 CD**	**0.043 CD**	**0.018 CD**
Styrene		100-42-5	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	**0.00848 D**
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	**0.00333 DJ**	0.007 U	0.00824 U	0.006 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Vinyl acetate		108-05-4	NE	NE	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
Vinyl chloride		75-01-4	0.02	27	0.00579 UJ	0.00655 U	0.00573 U	0.00595 U	0.134 U	0.00552 U	0.00962 U	0.00597 U	0.00702 U	0.007 U	0.00824 U	0.006 U
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	0.038 U	0.043 U	**0.503**	**2.85**	**3.25 D**	0.035 U	**0.131**	0.038 U	0.046 U	**1.31 D**	**0.102**	0.04 U
Acenaphthylene		208-96-8	100	1000	0.038 U	0.043 U	**0.036 J**	**0.057**	**0.523 D**	0.035 U	**0.064**	0.038 U	0.046 U	0.18 U	0.053 U	**0.064**
Anthracene		120-12-7	100	1000	0.038 U	0.043 U	**1.13**	**5.1**	**3.97 D**	0.035 U	**0.22**	0.038 U	0.046 U	**4.19 D**	**0.039 J**	**0.064**
Benzo(a)anthracene		56-55-3	1	11	0.038 U	0.043 U	**4.55**	**11.9 D**	**2.13 D**	**0.029 J**	**0.439**	0.038 U	0.046 U	**10.8 D**	**0.069**	**0.03 J**
Benzo(b)fluoranthene		205-99-2	1	11	0.038 U	0.043 U	**5.54**	**9.66 D**	**0.972 D**	0.035 U	**0.231**	0.038 U	0.046 U	**7.71 D**	**0.045 J**	**0.029 J**
Benzo(k)fluoranthene		207-08-9	0.8	110	0.038 U	0.043 U	**3.06**	**8.62 D**	**1.26 D**	0.035 U	**0.357**	0.038 U	0.046 U	**6.5 D**	**0.037 J**	0.04 U
Benzo(g,h,i)perylene		191-24-2	100	1000	0.038 U	0.043 U	**3.48**	**6.11 D**	**0.689 D**	0.035 U	**0.092**	0.038 U	0.046 U	**3.15 D**	0.053 U	**0.098**
Benzo(a)pyrene		50-32-8	1	1.1	0.038 U	0.043 U	**5.28 D**	**14.1 D**	**1.95 D**	0.035 U	**0.261**	0.038 U	0.046 U	**10.4 D**	**0.045 J**	**0.03 J**
Chrysene		218-01-9	1	110	0.038 U	0.043 U	**4.7**	**14.5 D**	**2.21 D**	**0.032 J**	**0.53**	0.038 U	0.046 U	**13 D**	**0.081**	0.04 U
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	0.038 U	0.043 U	**1.43**	**2.52**	**0.239 D**	0.035 U	**0.05 J**	0.038 U	0.046 U	**1.86 D**	0.053 U	0.04 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-325	GPEC-SB325	GPEC-SB326	GPEC-SB326	GPEC-SB326	GPEC-SB328	GPEC-SB328	GPEC-SB328	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-330
				Sample Name	GPEC-SB/PZ325 (5-5.5)	GPEC-SB325 (26-27)	GPEC-SB326 (3-3.5)	GPEC-SB503 (3-3.5)	GPEC-SB326 (26-27)	GPEC-SB328 (5-5.5)	GPEC-SB328 (17.5-18.5)	GPEC-SB328 (74-75)	GPEC-SB/PZ329 (5-5.5)	GPEC-SB/PZ329 (7-8)	GPEC-SB/PZ329 (24-25)	GPEC-SB/PZ330 (5-5.5)
				Start Depth	5	26	3	3	26	5	17.5	74	5	7	24	5
				End Depth	5.5	27	3.5	3.5	27	5.5	18.5	75	5.5	8	25	5.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	4/7/2015	5/6/2015	5/6/2015	5/7/2015	3/3/2015	7/8/2015	7/9/2015	3/2/2015	4/2/2015	4/2/2015	3/20/2015
				Parent Sample				GPEC-SB-326 (3-3.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	0.038 U	0.043 U	**6.6 D**	**19.4 D**	**3.56 D**	**0.049**	**0.933**	0.038 U	0.046 U	**15 D**	**0.095**	**0.032 J**
Fluorene		86-73-7	30	1000	0.038 U	0.043 U	**0.323**	**1.93**	**1.7 D**	0.035 U	**0.151**	0.038 U	0.046 U	**1.27 D**	**0.049 J**	0.04 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	0.038 U	0.043 U	**3.26**	**5.66**	**0.538 D**	0.035 U	**0.121**	0.038 U	0.046 U	**2.88 D**	0.053 U	**0.047**
2-Methylnaphthalene		91-57-6	NE	NE	0.038 U	0.043 U	**0.082**	**0.411**	**1.12 D**	0.035 U	**0.113**	0.038 U	0.046 U	**0.573 D**	**0.075**	0.04 U
Naphthalene		91-20-3	12	1000	0.038 U	**0.091**	**0.186**	**0.29**	**5.14 D**	0.035 U	**0.243**	0.038 U	**0.069**	**0.943 D**	**0.466**	**0.061**
Phenanthrene		85-01-8	100	1000	0.038 U	0.043 U	**3.04**	**22.1 D**	**6.41 D**	0.035 U	**0.809**	0.038 U	0.046 U	**15 D**	**0.157**	**0.038 J**
Pyrene		129-00-0	100	1000	0.038 U	0.043 U	**7.17 D**	**27.6 D**	**4.15 D**	**0.04**	**0.829**	0.038 U	0.046 U	**19.6 D**	**0.104**	**0.034 J**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	ND	**0.091**	**50.37**	**152.808**	**39.811**	**0.15**	**5.574**	ND	**0.069**	**114.186**	**1.364**	**0.527**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Benzidine		92-87-5	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Benzoic acid		65-85-0	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Benzyl alcohol		100-51-6	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.074**	**0.043**	**1.66**	**3.01**	0.087 U	**0.075**	0.062 U	0.038 U	**0.486**	0.18 U	0.053 U	0.04 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Carbazole		86-74-8	NE	NE	0.038 U	0.043 U	**0.116**	**0.193**	**0.084 DJ**	0.035 U	**0.067**	0.038 U	0.046 U	**0.637 D**	0.053 U	0.04 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4-Chloroaniline		106-47-8	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2-Chloronaphthalene		91-58-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2-Chlorophenol		95-57-8	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Dibenzofuran		132-64-9	7	1000	0.038 U	0.043 U	**0.206**	**0.349**	**0.224 D**	0.035 U	**0.107**	0.038 U	0.046 U	**0.526 D**	**0.034 J**	0.04 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Diethyl phthalate		84-66-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	**0.071**	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Dimethyl phthalate		131-11-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Hexachlorobenzene		118-74-1	0.33	12	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Hexachloroethane		67-72-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Isophorone		78-59-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.038 U	0.043 U	0.038 U	0.039 U	**0.252 D**	0.035 U	**0.09**	0.038 U	0.046 U	**0.337 D**	0.053 U	0.04 U
2-Nitroaniline		88-74-4	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
3-Nitroaniline		99-09-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4-Nitroaniline		100-01-6	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Nitrobenzene		98-95-3	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-325	GPEC-SB325	GPEC-SB326	GPEC-SB326	GPEC-SB326	GPEC-SB328	GPEC-SB328	GPEC-SB328	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-330
				Sample Name	GPEC-SB/PZ325 (5-5.5)	GPEC-SB325 (26-27)	GPEC-SB326 (3-3.5)	GPEC-SB503 (3-3.5)	GPEC-SB326 (26-27)	GPEC-SB328 (5-5.5)	GPEC-SB328 (17.5-18.5)	GPEC-SB328 (74-75)	GPEC-SB/PZ329 (5-5.5)	GPEC-SB/PZ329 (7-8)	GPEC-SB/PZ329 (24-25)	GPEC-SB/PZ330 (5-5.5)
				Start Depth	5	26	3	3	26	5	17.5	74	5	7	24	5
				End Depth	5.5	27	3.5	3.5	27	5.5	18.5	75	5.5	8	25	5.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	4/7/2015	5/6/2015	5/6/2015	5/7/2015	3/3/2015	7/8/2015	7/9/2015	3/2/2015	4/2/2015	4/2/2015	3/20/2015
				Parent Sample				GPEC-SB-326 (3-3.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
4-Nitrophenol		100-02-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Pentachlorophenol		87-86-5	0.8	55	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Phenol		108-95-2	0.33	1000	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Pyridine		110-86-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.038 U	0.043 U	0.038 U	0.039 U	0.087 U	0.035 U	0.062 U	0.038 U	0.046 U	0.18 U	0.053 U	0.04 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**0.074**	**0.134**	**52.352**	**156.36**	**40.371**	**0.225**	**5.909**	ND	**0.555**	**115.686**	**1.398**	**0.527**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1232		11141-16-5	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1242		53469-21-9	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1016		12674-11-2	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1248		12672-29-6	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1254		11097-69-1	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Aroclor 1260		11096-82-5	NE	NE	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.023 U	0.025 U	0.046 U	0.045 U	0.048 U	0.022 U	0.036 U	0.022 U	0.027 U	0.026 U	0.032 U	0.024 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Chlordane (Technical)		12789-03-6	NE	NE	0.057 U	NA	0.057 U	0.057 U	NA	0.054 U	NA	NA	0.069 U	NA	NA	0.059 U
alpha-Chlordane		5103-71-9	0.094	47	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
gamma-Chlordane		5103-74-2	NE	NE	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Dieldrin		60-57-1	0.005	2.8	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
beta-Endosulfan (II)		33213-65-9	2.4	920	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Endosulfan sulfate		1031-07-8	2.4	920	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Endrin		72-20-8	0.014	410	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Endrin aldehyde		7421-93-4	NE	NE	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Endrin ketone		53494-70-5	NE	NE	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Heptachlor		76-44-8	0.042	29	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Heptachlor epoxide		1024-57-3	NE	NE	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Methoxychlor		72-43-5	NE	NE	0.00455 U	NA	0.00457 U	0.00453 U	NA	0.00431 U	NA	NA	0.00549 U	NA	NA	0.00473 U
Toxaphene		8001-35-2	NE	NE	0.057 U	NA	0.057 U	0.057 U	NA	0.054 U	NA	NA	0.069 U	NA	NA	0.059 U
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.019 U	NA	0.0093 U	0.00975 U	NA	0.018 U	NA	NA	0.023 U	NA	NA	0.019 U
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.019 U	NA	0.0093 U	0.00975 U	NA	0.018 U	NA	NA	0.023 U	NA	NA	0.019 U
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.019 U	NA	0.0093 U	0.00975 U	NA	0.018 U	NA	NA	0.023 U	NA	NA	0.019 U
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**6350**	**13700**	**7930**	**8990**	**9160**	**7650**	**12800**	**3600**	**7350**	**3610**	**15700**	**11700**
Antimony		7440-36-0	NE	NE	0.609 U	0.677 U	**1.88**	**3.04**	0.722 U	**3.18**	**17.1**	0.622 U	**167**	**32.5**	**6**	0.636 U
Arsenic		7440-38-2	13	16	**3.16**	**3.13**	**5.27**	**5.35**	**3.31**	**3.04**	**43.2**	**0.727**	**107**	**26**	**11.4**	**3.47**
Barium		7440-39-3	350	10000	**36.8**	**48.8**	**142**	**141**	**63.4**	**58.7**	**119**	**23.3**	**2510**	**327**	**251**	**59.8**
Beryllium		7440-41-7	7.2	2700	**0.563 J**	**0.609 J**	**0.428 J**	**0.47 J**	**0.524 J**	**0.457 J**	**0.685 J**	0.622 U	**0.505 J**	**0.343 J**	**0.864**	**0.61 J**
Cadmium		7440-43-9	2.5	60	0.609 U	0.677 U	**0.224 J**	**0.209 J**	0.722 U	0.593 U	**0.524 J**	0.622 U	**2.42**	**6.42**	**1.99**	0.636 U
Calcium		7440-70-2	NE	NE	**2780**	**1840**	**4030**	**3910**	**5350**	**1590**	**7030**	**12600**	**45300**	**22700**	**8870**	**1080**
Chromium		7440-47-3	NE	NE	**18.3**	**24.6**	**21.6**	**23.6**	**20.9**	**19.6**	**29.7**	**8.98**	**2100**	**38.6**	**72.8**	**16.9**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.16 UJ	1.31 U	1.15 U	1.19 U	1.34 U	1.1 U	1.92 U	1.19 U	1.4 U	1.4 U	1.65 U	1.2 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-325	GPEC-SB325	GPEC-SB326	GPEC-SB326	GPEC-SB326	GPEC-SB328	GPEC-SB328	GPEC-SB328	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-329	GPEC-SB/PZ-330
				Sample Name	GPEC-SB/PZ325 (5-5.5)	GPEC-SB325 (26-27)	GPEC-SB326 (3-3.5)	GPEC-SB503 (3-3.5)	GPEC-SB326 (26-27)	GPEC-SB328 (5-5.5)	GPEC-SB328 (17.5-18.5)	GPEC-SB328 (74-75)	GPEC-SB/PZ329 (5-5.5)	GPEC-SB/PZ329 (7-8)	GPEC-SB/PZ329 (24-25)	GPEC-SB/PZ330 (5-5.5)
				Start Depth	5	26	3	3	26	5	17.5	74	5	7	24	5
				End Depth	5.5	27	3.5	3.5	27	5.5	18.5	75	5.5	8	25	5.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	4/7/2015	5/6/2015	5/6/2015	5/7/2015	3/3/2015	7/8/2015	7/9/2015	3/2/2015	4/2/2015	4/2/2015	3/20/2015
				Parent Sample				GPEC-SB-326 (3-3.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	**7.82**	**6.42**	**6.58**	**7.28**	**6.87**	**6.15**	**12.7**	**3.37**	**9.27**	**7.63**	**10**	**6.69**
Copper		7440-50-8	50	10000	**19.9**	**18.9**	**202**	**71.9**	**25.8**	**32.3**	**612**	**8.39**	**889**	**2360**	**164**	**14.1**
Iron		7439-89-6	NE	NE	**23300**	**22900**	**19300**	**23300**	**21900**	**18100**	**32200**	**8330**	**53300**	**38600**	**58200**	**17000**
Lead		7439-92-1	63	3900	**9.47**	**15.7**	**289**	**279**	**50.1**	**61.7**	**338**	**2.33**	**2630**	**6560**	**1090**	**35.5**
Magnesium		7439-95-4	NE	NE	**3170**	**2980**	**2650**	**2600**	**2680**	**2270**	**3440**	**6530**	**3630**	**4340**	**6610**	**2320**
Manganese		7439-96-5	1600	10000	**471**	**335**	**310**	**376**	**508**	**227**	**239**	**154**	**1300**	**10400**	**551**	**446**
Mercury		7439-97-6	0.18	5.7	**0.0076**	**0.081**	**0.626**	**0.369**	**0.407**	**1.77**	**0.792**	**0.015**	**1.29**	**2.07**	**0.344**	**0.106**
Nickel		7440-02-0	30	10000	**16**	**15.1**	**22.6**	**22**	**14.8**	**13.5**	**51.6**	**7.85**	**42.1**	**49**	**25.7**	**12.3**
Potassium		7440-09-7	NE	NE	**1240**	**1460**	**1280**	**1310**	**1240**	**1230**	**1830**	**860**	**1590**	**724**	**3740**	**888**
Selenium		7782-49-2	3.9	6800	**2.06**	**2.75**	**1.62**	**1.61**	**1.49**	**1.83**	**12.6**	**0.818**	**3.7**	**7.95**	**2.53**	**1.09**
Silver		7440-22-4	2	6800	0.609 U	0.677 U	**0.246 J**	**0.345 J**	0.722 U	0.593 U	**1.99**	0.622 U	**5.04**	**4.82**	**0.333 J**	0.636 U
Sodium		7440-23-5	NE	NE	**148**	**716**	**110**	**160**	**561**	**181**	**1130**	**227**	**2310**	**1500**	**4600**	**119**
Thallium		7440-28-0	NE	NE	**0.288 J**	**0.201 J**	**1.05**	**0.241 J**	0.722 U	**0.167 J**	**1.45**	**0.393 J**	**0.396 J**	**0.563 J**	**0.492 J**	0.636 U
Vanadium		7440-62-2	NE	NE	**26.2**	**36.1**	**27**	**30.7**	**31.4**	**28.3**	**40.3**	**14.4**	**23.8**	**19.4**	**40.7**	**25.4**
Zinc		7440-66-6	109	10000	**42.4**	**45.5**	**165**	**166**	**38.7**	**56.6**	**267**	**17**	**1510**	**3280**	**702**	**43.7**
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	2.9 U	3.3 U	2.9 U	3 U	3.3 U	2.8 U	4.8 U	3 U	3.5 U	3.5 U	4.1 U	3 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	**7210**	**37500**	**17800**	**17900**	**11600**	**1360**	**6310**	1000 U	**64300**	**129000**	**27800**	**4610**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-330	GPEC-SB/PZ-330	GPEC-SB331	GPEC-SB331	GPEC-SB331	GPEC-SB332	GPEC-SB/PZ-332	GPEC-SB/PZ-332	GPEC-SB333	GPEC-SB/PZ-333	GPEC-SB/PZ-333	GPEC-SB/PZ-333
				Sample Name	GPEC-SB/PZ330 (9-10)	GPEC-SB/PZ330 (18.5-19.5)	GPEC-SB331 (3.5-4)	GPEC-SB331 (14-15)	GPEC-SB331 (74-75)	GPEC-SB332 (3.5-4)	GPEC-SB/PZ332 (22-23	GPEC-SB/PZ332 (82-83	GPEC-SB333 (3.5-4)	GPEC-SB/PZ333	GPEC-SB/PZ333	GPEC-SB/PZ504
				Start Depth	9	18.5	3.5	14	74	3.5	22	82	3.5	21	79	79
				End Depth	10	19.5	4	15	75	4	23	83	4	22	80	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/1/2015	4/1/2015	3/20/2015	7/17/2015	7/17/2015	3/20/2015	7/7/2015	7/8/2015	3/17/2015	7/13/2015	7/14/2015	7/14/2015
				Parent Sample												GPEC-SB/PZ-333
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	0.00583 UJ	0.00612 UJ	**1.01 D**	**3.34 D**	0.00602 U	0.00637 U	**28.6 D**	0.00605 U	0.00611 U	**20.8 D**	0.00579 U	0.00571 U
Toluene		108-88-3	0.7	1000	0.00583 UJ	0.00612 UJ	**1.12 D**	**2.12 DJ**	0.00602 U	0.00637 U	**31.3 D**	0.00605 U	0.00611 U	**9.92 DJ**	0.00579 U	0.00571 U
Ethylbenzene		100-41-4	1	780	0.00583 UJ	0.00612 UJ	**4.98 D**	**113 D**	0.00602 U	0.00637 U	**151 D**	**0.00409 DJ**	0.00611 U	**35.6 D**	0.00579 U	0.00571 U
Total Xylene		1330-20-7	0.26	1000	0.012 UJ	0.012 UJ	**4.89 D**	**80.8 D**	0.012 U	0.013 U	**111 D**	**0.019 D**	0.012 U	**43.4 D**	**0.00851 DJ**	0.011 U
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	ND	ND	**12**	**199.26**	ND	ND	**321.9**	**0.02309**	ND	**109.72**	**0.00851**	ND
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.029 UJ	0.031 UJ	1.2 U	5.08 U	0.03 U	0.032 U	13.1 U	0.03 U	0.031 U	30.8 U	0.029 U	0.029 U
Acrolein (propenal)		107-02-8	NE	NE	0.117 R	0.122 R	12 U	50.8 U	0.12 U	0.127 U	131 U	0.121 U	0.122 U	308 U	0.116 U	0.114 U
Acrylonitrile		107-13-1	NE	NE	0.117 UJ	0.122 UJ	12 U	50.8 U	0.12 U	0.127 U	131 U	0.121 U	0.122 U	308 U	0.116 U	0.114 U
Bromodichloromethane		75-27-4	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Bromoform		75-25-2	NE	NE	0.00583 UJ	0.00612 UJ	1.2 U	2.54 U	0.012 U	0.00637 U	6.55 U	0.012 U	0.00611 U	15.4 U	0.012 U	0.011 U
Bromomethane		74-83-9	NE	NE	0.012 UJ	0.012 UJ	0.599 U	2.54 U	0.00602 U	0.013 U	6.55 U	0.00605 U	0.012 U	15.4 U	0.00579 U	0.00571 U
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.023 R	0.025 R	1.2 U	5.08 U	0.024 U	0.026 U	13.1 U	0.024 U	0.024 U	30.8 U	0.023 U	0.023 U
Carbon disulfide		75-15-0	NE	NE	**0.0068 J**	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Carbon tetrachloride		56-23-5	0.76	44	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Chlorobenzene		108-90-7	1.1	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Chloroethane		75-00-3	NE	NE	0.012 UJ	0.012 UJ	0.599 U	2.54 U	0.00602 U	0.013 U	6.55 U	0.00605 U	0.012 U	15.4 U	0.00579 U	0.00571 U
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Chloroform		67-66-3	0.37	700	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Chloromethane		74-87-3	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Dibromochloromethane		124-48-1	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,1-Dichloroethane		75-34-3	0.27	480	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,2-Dichloroethane		107-06-2	0.02	60	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,1-Dichloroethene		75-35-4	0.33	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	**0.00673 D**	0.00637 U	6.55 U	**0.00289 DJ**	0.00611 U	15.4 U	0.00579 U	0.00571 U
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,2-Dichloropropane		78-87-5	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Diisopropyl ether		108-20-3	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
2-Hexanone		591-78-6	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	13.1 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	**0.00288 DJ**	0.00637 U	6.55 U	**0.00257 DJ**	0.00611 U	15.4 U	0.00579 U	0.00571 U
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Methylene chloride		75-09-2	0.05	1000	0.012 UJ	0.012 UJ	1.2 U	5.08 U	0.012 U	0.013 U	13.1 U	0.012 U	**0.015 CD**	30.8 U	**0.017 CD**	**0.028 CD**
Styrene		100-42-5	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	**0.057 D**	0.00637 U	6.55 U	**0.019 D**	0.00611 U	15.4 U	**0.044 D**	**0.034 D**
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	13.1 U	0.00605 U	0.00611 U	15.4 U	**0.022 CD**	**0.027 CD**
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Trichloroethene (TCE)		79-01-6	0.47	400	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	**0.024 D**	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	**0.00241 DJ**	**0.00202 DJ**
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	13.1 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Vinyl acetate		108-05-4	NE	NE	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
Vinyl chloride		75-01-4	0.02	27	0.00583 UJ	0.00612 UJ	0.599 U	2.54 U	0.00602 U	0.00637 U	6.55 U	0.00605 U	0.00611 U	15.4 U	0.00579 U	0.00571 U
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	0.037 U	0.04 U	**2.91 D**	**13.2 D**	0.039 U	**0.664**	**367 D**	**0.035 J**	**0.397**	**140 D**	0.039 U	0.036 U
Acenaphthylene		208-96-8	100	1000	0.037 U	0.04 U	**2.29 D**	**1.94 D**	0.039 U	**1.19**	**73.9 D**	**0.096**	**0.863**	**244 D**	0.039 U	0.036 U
Anthracene		120-12-7	100	1000	**0.063**	0.04 U	**5.69 D**	**8.38 D**	0.039 U	**1.28**	**229 D**	**0.131**	**1.75**	**873 D**	0.039 U	0.036 U
Benzo(a)anthracene		56-55-3	1	11	**0.033 J**	0.04 U	**8.69 D**	**7.22 D**	0.039 U	**2.3**	**164 D**	0.04 U	**5.8**	**502 D**	0.039 U	0.036 U
Benzo(b)fluoranthene		205-99-2	1	11	0.037 U	0.04 U	**11 D**	**3.59 D**	0.039 U	**2.16**	**69.4 D**	0.04 U	**5.43**	**112 D**	0.039 U	0.036 U
Benzo(k)fluoranthene		207-08-9	0.8	110	0.037 U	0.04 U	**7.31 D**	**3.39 D**	0.039 U	**1.74**	**47.7 D**	0.04 U	**4.74**	**126 D**	0.039 U	0.036 U
Benzo(g,h,i)perylene		191-24-2	100	1000	0.037 U	0.04 U	**4.27 D**	**2.39 D**	0.039 U	**0.937**	**29.5 D**	0.04 U	**3.59**	**40 D**	0.039 U	0.036 U
Benzo(a)pyrene		50-32-8	1	1.1	0.037 U	0.04 U	**10.6 D**	**4.71 D**	0.039 U	**2.56**	**96.4 D**	0.04 U	**5.45**	**182 D**	0.039 U	0.036 U
Chrysene		218-01-9	1	110	**0.03 J**	0.04 U	**9.07 D**	**7.93 D**	0.039 U	**2.65**	**176 D**	0.04 U	**6.38**	**456 D**	0.039 U	0.036 U
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	0.037 U	0.04 U	**1.87 D**	1.26 U	0.039 U	**0.406**	**15 D**	0.04 U	**1.37**	**22.2 D**	0.039 U	0.036 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-330	GPEC-SB/PZ-330	GPEC-SB331	GPEC-SB331	GPEC-SB331	GPEC-SB332	GPEC-SB/PZ-332	GPEC-SB/PZ-332	GPEC-SB333	GPEC-SB/PZ-333	GPEC-SB/PZ-333	GPEC-SB/PZ-333
				Sample Name	GPEC-SB/PZ330 (9-10)	GPEC-SB/PZ330 (18.5-19.5)	GPEC-SB331 (3.5-4)	GPEC-SB331 (14-15)	GPEC-SB331 (74-75)	GPEC-SB332 (3.5-4)	GPEC-SB/PZ332 (22-23	GPEC-SB/PZ332 (82-83	GPEC-SB333 (3.5-4)	GPEC-SB/PZ333	GPEC-SB/PZ333	GPEC-SB/PZ504
				Start Depth	9	18.5	3.5	14	74	3.5	22	82	3.5	21	79	79
				End Depth	10	19.5	4	15	75	4	23	83	4	22	80	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/1/2015	4/1/2015	3/20/2015	7/17/2015	7/17/2015	3/20/2015	7/7/2015	7/8/2015	3/17/2015	7/13/2015	7/14/2015	7/14/2015
				Parent Sample												GPEC-SB/PZ-333
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	**0.04**	0.04 U	**17.4 D**	**18.3 D**	0.039 U	**3.96**	**271 D**	**0.034 J**	**12.6**	**1070 D**	0.039 U	0.036 U
Fluorene		86-73-7	30	1000	**0.033 J**	0.04 U	**3.74 D**	**14.4 D**	0.039 U	**1.1**	**481 D**	**0.046**	**0.83**	**932 D**	0.039 U	0.036 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	0.037 U	0.04 U	**4.26 D**	**2.08 D**	0.039 U	**0.923**	**28.6 D**	0.04 U	**3.1**	**42 D**	0.039 U	0.036 U
2-Methylnaphthalene		91-57-6	NE	NE	**0.042**	**0.048**	**9.14 D**	**60.9 D**	0.039 U	**0.32**	**1150 D**	**0.046**	**0.484**	**4420 D**	**0.107**	**0.073**
Naphthalene		91-20-3	12	1000	**0.116**	**0.207**	**14.5 D**	**131 D**	**0.042**	**0.805**	**1970 D**	**0.068**	**0.466**	**4960 D**	**0.362**	**0.334**
Phenanthrene		85-01-8	100	1000	**0.131**	**0.038 J**	**17.2 D**	**42.3 D**	0.039 U	**4.13**	**1430 D**	**0.119**	**9.18**	**2800 D**	0.039 U	0.036 U
Pyrene		129-00-0	100	1000	**0.064**	**0.03 J**	**16.8 D**	**19.4 D**	0.039 U	**5.33**	**613 D**	**0.052**	**10.6**	**1310 D**	0.039 U	0.036 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**0.552**	**0.323**	**146.74**	**341.13**	**0.042**	**32.455**	**7211.5**	**0.627**	**73.03**	**18231.2**	**0.469**	**0.407**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Benzidine		92-87-5	NE	NE	0.037 U	0.04 R	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Benzoic acid		65-85-0	NE	NE	0.037 UJ	0.04 UJ	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Benzyl alcohol		100-51-6	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.094**	0.04 U	0.197 U	1.26 U	0.039 U	**0.168**	0.638 U	**7.86 D**	0.081 U	1.99 U	0.039 U	0.036 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Carbazole		86-74-8	NE	NE	0.037 U	0.04 U	**0.857 D**	1.26 U	0.039 U	**0.059**	**21 D**	0.04 U	**0.356**	**3.64 D**	0.039 U	0.036 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4-Chloroaniline		106-47-8	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2-Chloronaphthalene		91-58-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2-Chlorophenol		95-57-8	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Dibenzofuran		132-64-9	7	1000	0.037 U	0.04 U	**1.52 D**	**4.59 D**	0.039 U	**0.121**	**95.6 D**	0.04 U	**0.267**	**69.3 D**	0.039 U	0.036 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Diethyl phthalate		84-66-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Dimethyl phthalate		131-11-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.037 UJ	0.04 UJ	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Hexachlorobenzene		118-74-1	0.33	12	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Hexachloroethane		67-72-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Isophorone		78-59-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2-Nitroaniline		88-74-4	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
3-Nitroaniline		99-09-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4-Nitroaniline		100-01-6	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Nitrobenzene		98-95-3	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-330	GPEC-SB/PZ-330	GPEC-SB331	GPEC-SB331	GPEC-SB331	GPEC-SB332	GPEC-SB/PZ-332	GPEC-SB/PZ-332	GPEC-SB333	GPEC-SB/PZ-333	GPEC-SB/PZ-333	GPEC-SB/PZ-333
				Sample Name	GPEC-SB/PZ330 (9-10)	GPEC-SB/PZ330 (18.5-19.5)	GPEC-SB331 (3.5-4)	GPEC-SB331 (14-15)	GPEC-SB331 (74-75)	GPEC-SB332 (3.5-4)	GPEC-SB/PZ332 (22-23	GPEC-SB/PZ332 (82-83	GPEC-SB333 (3.5-4)	GPEC-SB/PZ333	GPEC-SB/PZ333	GPEC-SB/PZ504
				Start Depth	9	18.5	3.5	14	74	3.5	22	82	3.5	21	79	79
				End Depth	10	19.5	4	15	75	4	23	83	4	22	80	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/1/2015	4/1/2015	3/20/2015	7/17/2015	7/17/2015	3/20/2015	7/7/2015	7/8/2015	3/17/2015	7/13/2015	7/14/2015	7/14/2015
				Parent Sample												GPEC-SB/PZ-333
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
4-Nitrophenol		100-02-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Pentachlorophenol		87-86-5	0.8	55	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Phenol		108-95-2	0.33	1000	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Pyridine		110-86-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.037 U	0.04 U	0.197 U	1.26 U	0.039 U	0.042 U	0.638 U	0.04 U	0.081 U	1.99 U	0.039 U	0.036 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**0.646**	**0.323**	**149.117**	**345.72**	**0.042**	**32.803**	**7328.1**	**8.487**	**73.653**	**18304.14**	**0.469**	**0.407**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1232		11141-16-5	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1242		53469-21-9	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1016		12674-11-2	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1248		12672-29-6	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1254		11097-69-1	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Aroclor 1260		11096-82-5	NE	NE	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.022 U	0.023 U	0.047 U	0.024 U	0.024 U	0.025 U	0.259 U	0.023 U	0.023 U	0.289 U	0.022 U	0.022 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Chlordane (Technical)		12789-03-6	NE	NE	NA	NA	0.059 U	NA	NA	0.063 U	NA	NA	0.058 U	NA	NA	NA
alpha-Chlordane		5103-71-9	0.094	47	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
gamma-Chlordane		5103-74-2	NE	NE	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	NA	NA	**0.03**	NA	NA	**0.00865**	NA	NA	**0.018**	NA	NA	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	**0.032**	NA	NA	NA
Dieldrin		60-57-1	0.005	2.8	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	**0.02**	NA	NA	NA
Endosulfan sulfate		1031-07-8	2.4	920	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Endrin		72-20-8	0.014	410	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Endrin aldehyde		7421-93-4	NE	NE	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Endrin ketone		53494-70-5	NE	NE	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Heptachlor		76-44-8	0.042	29	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Heptachlor epoxide		1024-57-3	NE	NE	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Methoxychlor		72-43-5	NE	NE	NA	NA	0.00473 U	NA	NA	0.00502 U	NA	NA	0.00463 U	NA	NA	NA
Toxaphene		8001-35-2	NE	NE	NA	NA	0.059 U	NA	NA	0.063 U	NA	NA	0.058 U	NA	NA	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	NA	NA	0.02 U	NA	NA	0.021 U	NA	NA	0.02 U	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	NA	NA	0.02 U	NA	NA	0.021 U	NA	NA	0.02 U	NA	NA	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	NA	NA	0.02 U	NA	NA	0.021 U	NA	NA	0.02 U	NA	NA	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**8050**	**10500**	**8100**	**11300**	**3510**	**7370**	**2080**	**4040**	**7460**	**864**	**4580**	**4510**
Antimony		7440-36-0	NE	NE	0.612 U	**1.12**	**5.67**	**3.93**	0.649 U	**11.3**	**2.11**	0.628 U	**4.73**	**4.56**	0.58 U	0.596 U
Arsenic		7440-38-2	13	16	**2.33**	**3.25**	**9.98**	**10.6**	**0.983**	**8.16**	**12.9**	**1.39**	**16.4**	**49**	**1.34**	**1.11**
Barium		7440-39-3	350	10000	**61.2**	**62.4**	**274**	**197**	**22.7**	**256**	**20**	**27.1**	**507**	**12.6**	**33**	**27**
Beryllium		7440-41-7	7.2	2700	**0.512 J**	**0.461 J**	**1.16**	**1.17**	0.649 U	**0.743**	0.688 U	**0.295 J**	**0.844**	0.809 U	**0.333 J**	**0.26 J**
Cadmium		7440-43-9	2.5	60	0.612 U	0.66 U	**1.36**	**0.841**	0.649 U	**1.99**	0.688 U	0.628 U	**1.36**	**0.851**	0.58 U	0.596 U
Calcium		7440-70-2	NE	NE	**2350**	**2010**	**9450**	**5630**	**11500**	**4050**	**6470**	**3950**	**6900**	**7080**	**5500**	**5110**
Chromium		7440-47-3	NE	NE	**22**	**18.7**	**36.9**	**42.8**	**10.3**	**34**	**9.41**	**12**	**26.6**	**30.2**	**12.6**	**11.9**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.17 U	1.22 U	**1.44**	1.27 U	1.2 U	1.27 U	1.31 U	1.21 U	1.22 U	1.54 U	1.16 U	1.14 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB/PZ-330	GPEC-SB/PZ-330	GPEC-SB331	GPEC-SB331	GPEC-SB331	GPEC-SB332	GPEC-SB/PZ-332	GPEC-SB/PZ-332	GPEC-SB333	GPEC-SB/PZ-333	GPEC-SB/PZ-333	GPEC-SB/PZ-333
				Sample Name	GPEC-SB/PZ330 (9-10)	GPEC-SB/PZ330 (18.5-19.5)	GPEC-SB331 (3.5-4)	GPEC-SB331 (14-15)	GPEC-SB331 (74-75)	GPEC-SB332 (3.5-4)	GPEC-SB/PZ332 (22-23	GPEC-SB/PZ332 (82-83	GPEC-SB333 (3.5-4)	GPEC-SB/PZ333	GPEC-SB/PZ333	GPEC-SB/PZ504
				Start Depth	9	18.5	3.5	14	74	3.5	22	82	3.5	21	79	79
				End Depth	10	19.5	4	15	75	4	23	83	4	22	80	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	4/1/2015	4/1/2015	3/20/2015	7/17/2015	7/17/2015	3/20/2015	7/7/2015	7/8/2015	3/17/2015	7/13/2015	7/14/2015	7/14/2015
				Parent Sample												GPEC-SB/PZ-333
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	**7.38**	**6.54**	**12.5**	**12**	**3.89**	**8.41**	**7.21**	**3.85**	**9.59**	**23.3**	**5.15**	**4.45**
Copper		7440-50-8	50	10000	**17.3**	**12.9**	**261**	**251**	**10.1**	**268**	**120**	**10**	**264**	**294**	**10.7**	**33.3**
Iron		7439-89-6	NE	NE	**25400**	**15300**	**24400**	**32700**	**11400**	**18400**	**36000**	**11500**	**26800**	**169000 D**	**20300**	**16000**
Lead		7439-92-1	63	3900	**8.63**	**18.4**	**1420**	**875**	**9.02**	**770**	**93.7**	**2.76**	**738**	**237**	**4.4**	**4.16**
Magnesium		7439-95-4	NE	NE	**2700**	**2320**	**5320**	**2730**	**5750**	**2710**	**792**	**3320**	**3170**	**1290**	**4300**	**3900**
Manganese		7439-96-5	1600	10000	**425**	**159**	**304**	**467**	**190**	**259**	**173**	**249**	**322**	**621**	**553**	**260**
Mercury		7439-97-6	0.18	5.7	**0.028**	**0.12**	**0.531**	**0.707**	**0.021**	**1.32**	**0.167**	0.0068 U	**0.67**	**0.047**	**0.0055 J**	**0.0033 J**
Nickel		7440-02-0	30	10000	**14.1**	**12.7**	**70.2**	**75.4**	**7.92**	**46**	**24.2**	**8.84**	**47.4**	**61.8**	**10.8**	**10.8**
Potassium		7440-09-7	NE	NE	**1230**	**1070**	**823**	**1100**	**696**	**898**	**263**	**936**	**949**	**469**	**851**	**881**
Selenium		7782-49-2	3.9	6800	**0.844**	**1.43**	**1.15**	**2.78**	**1.6**	0.687 U	**2.16**	**0.734**	**1.94**	**2.71**	**1.16**	**1.72**
Silver		7440-22-4	2	6800	0.612 U	0.66 U	**0.412 J**	**0.353 J**	0.649 U	**0.367 J**	0.688 U	0.628 U	**0.495 J**	**0.439 J**	0.58 U	0.596 U
Sodium		7440-23-5	NE	NE	**143**	**290**	**151**	**217**	**254**	**145**	**498**	**284**	**271**	**2650**	**188**	**212**
Thallium		7440-28-0	NE	NE	0.612 U	0.66 U	0.62 U	**0.493 J**	**0.291 J**	0.687 U	**0.198 J**	0.628 U	**0.235 J**	**0.787 J**	0.58 U	**0.219 J**
Vanadium		7440-62-2	NE	NE	**34.8**	**32**	**27.6**	**36.1**	**19.4**	**25.6**	**15.1**	**26.4**	**27.7**	**85.3**	**23.4**	**19.8**
Zinc		7440-66-6	109	10000	**39.2**	**36.1**	**686**	**677**	**21.4**	**1020**	**75.6**	**19.3**	**679**	**154**	**21**	**19.1**
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	2.9 U	3.1 U	3 U	3.2 U	3 U	3.2 U	3.3 U	3 U	3.1 U	3.8 U	2.9 U	2.8 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	**2020**	**13400**	**39700**	**30100**	1000 U	**19100**	**128000**	1000 U	**25500**	**318000**	1000 U	1000 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB334	GPEC-SB334	GPEC-SB334	GPEC-SB336	GPEC-SB336	GPEC-SB336	GPEC-SB339	GPEC-SB339	GPEC-SB/PZ-340	GPEC-SB/PZ-340	GPEC-SB341	GPEC-SB341
				Sample Name	GPEC-SB334 (3-3.5)	GPEC-SB334 (24-25)	GPEC-SB334 (74-75)	GPEC-SB336 (2.5-3)	GPEC-SB336 (9-10)	GPEC-SB336 (22-23)	GPEC-SB339 (19-20)	GPEC-SB339 (64-65)	GPEC-SB/PZ340 (4.5-5)	GPEC-SB/PZ340 (21-22)	GPEC-SB341 (14.5-15)	GPEC-SB341 (28-28.5)
				Start Depth	3	24	74	2.5	9	22	19	64	4.5	21	14.5	28
				End Depth	3.5	25	75	3	10	23	20	65	5	22	15	28.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/17/2015	7/16/2015	7/16/2015	3/24/2015	4/1/2015	4/1/2015	7/28/2015	7/28/2015	3/24/2015	4/1/2015	3/30/2015	3/30/2015
				Parent Sample												
Analyte	Units	CAS No.	Unrestricted SCO	Industrial SCO												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	**0.904 D**	0.00553 U	0.00635 U	**0.00265 J**	**2.01 J**	**0.038 J**
Toluene		108-88-3	0.7	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	**0.317 J**	**0.00475 J**
Ethylbenzene		100-41-4	1	780	0.00583 U	**129 D**	**0.00367 DJ**	0.00577 U	0.595 UJ	**0.017 J**	**10.2 D**	0.00553 U	0.00635 U	0.00943 UJ	**7.76 J**	**0.079 J**
Total Xylene		1330-20-7	0.26	1000	0.012 U	**81.9 D**	**0.028 D**	0.012 U	1.19 UJ	**0.022 J**	**0.884 D**	0.011 U	0.013 U	0.019 UJ	**3.14 J**	**0.022 J**
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	ND	**210.9**	**0.03167**	ND	ND	**0.039**	**11.988**	ND	ND	**0.00265**	**13.227**	**0.14375**
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.029 U	27.5 U	**0.067 D**	0.029 U	1.19 UJ	0.058 UJ	0.467 U	0.028 U	0.032 U	0.047 UJ	1.22 UJ	**0.145 J**
Acrolein (propenal)		107-02-8	NE	NE	0.117 U	275 U	0.112 U	0.115 U	11.9 R	0.231 R	4.67 U	0.111 U	0.127 U	0.189 R	12.2 R	0.291 R
Acrylonitrile		107-13-1	NE	NE	0.117 U	275 U	0.112 U	0.115 U	11.9 UJ	0.231 UJ	4.67 U	0.111 U	0.127 U	0.189 UJ	12.2 UJ	0.291 UJ
Bromodichloromethane		75-27-4	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Bromoform		75-25-2	NE	NE	0.00583 U	13.8 U	0.011 U	0.00577 U	1.19 UJ	0.012 UJ	0.233 U	0.011 U	0.00635 U	0.00943 UJ	1.22 UJ	0.015 UJ
Bromomethane		74-83-9	NE	NE	0.012 U	13.8 U	0.00558 U	0.012 U	0.595 UJ	0.023 UJ	0.233 U	0.00553 U	0.013 U	0.019 UJ	0.612 UJ	0.029 UJ
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.023 U	27.5 U	0.022 U	0.023 U	1.19 R	0.046 R	0.467 U	0.022 U	0.025 U	0.038 R	1.22 R	0.058 R
Carbon disulfide		75-15-0	NE	NE	0.00583 U	13.8 U	**0.00502 DJ**	0.00577 U	0.595 UJ	**0.031 J**	0.233 U	0.00553 U	0.00635 U	**0.016 J**	0.612 UJ	**0.06 J**
Carbon tetrachloride		56-23-5	0.76	44	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Chlorobenzene		108-90-7	1.1	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Chloroethane		75-00-3	NE	NE	0.012 U	13.8 U	0.00558 U	0.012 U	0.595 UJ	0.023 UJ	0.233 U	0.00553 U	0.013 U	0.019 UJ	0.612 UJ	0.029 UJ
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Chloroform		67-66-3	0.37	700	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Chloromethane		74-87-3	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Dibromochloromethane		124-48-1	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1-Dichloroethane		75-34-3	0.27	480	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,2-Dichloroethane		107-06-2	0.02	60	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1-Dichloroethene		75-35-4	0.33	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,2-Dichloropropane		78-87-5	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Diisopropyl ether		108-20-3	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
2-Hexanone		591-78-6	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	**0.04 J**	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	**0.018 J**
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Methylene chloride		75-09-2	0.05	1000	0.012 U	27.5 U	0.011 U	**0.023 CD**	1.19 UJ	0.023 UJ	0.467 U	0.011 U	**0.028 CD**	0.019 UJ	1.22 UJ	0.029 UJ
Styrene		100-42-5	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00583 U	13.8 U	**0.00753 D**	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	**0.012 D**	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Trichloroethene (TCE)		79-01-6	0.47	400	0.00583 U	13.8 U	**0.00195 DJ**	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Vinyl acetate		108-05-4	NE	NE	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
Vinyl chloride		75-01-4	0.02	27	0.00583 U	13.8 U	0.00558 U	0.00577 U	0.595 UJ	0.012 UJ	0.233 U	0.00553 U	0.00635 U	0.00943 UJ	0.612 UJ	0.015 UJ
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	**0.983 D**	**47 D**	0.036 U	**1.07**	**0.139**	**0.091**	**1.26**	0.035 U	**2.29 D**	**0.683**	**3.82**	**0.427**
Acenaphthylene		208-96-8	100	1000	**1.12 D**	**68.7 D**	0.036 U	**0.605**	0.039 U	0.075 U	**0.348**	0.035 U	**1.52 D**	**0.344**	**0.308**	**0.073 J**
Anthracene		120-12-7	100	1000	**2.52 D**	**197 D**	0.036 U	**2.28**	**0.054**	**0.081**	**0.957**	0.035 U	**6.07 D**	**1.52**	**2.18**	**0.255**
Benzo(a)anthracene		56-55-3	1	11	**7.68 D**	**102 D**	0.036 U	**7.77**	**0.093**	**0.148**	**1.15**	0.035 U	**19 D**	**3.66**	**3.81**	**0.405**
Benzo(b)fluoranthene		205-99-2	1	11	**7.26 D**	**27.3 D**	0.036 U	**9.25**	**0.074**	**0.144**	**0.49**	0.035 U	**22.7 D**	**4.2**	**3.45**	**0.33**
Benzo(k)fluoranthene		207-08-9	0.8	110	**6.84 D**	**31.7 D**	0.036 U	**7.74**	**0.111**	**0.131**	**0.427**	0.035 U	**17.4 D**	**3.41**	**2.62**	**0.593**
Benzo(g,h,i)perylene		191-24-2	100	1000	**4.67 D**	**20 D**	0.036 U	**6.44**	**0.074**	**0.11**	**0.299**	0.035 U	**11.8 D**	**3.73**	**2.28**	**0.418**
Benzo(a)pyrene		50-32-8	1	1.1	**8.1 D**	**51.7 D**	0.036 U	**10**	**0.096**	**0.135**	**0.721**	0.035 U	**24.2 D**	**5.64**	**3.86**	**0.585**
Chrysene		218-01-9	1	110	**8.67 D**	**102 D**	0.036 U	**8.41**	**0.109**	**0.151**	**1.11**	0.035 U	**19.1 D**	**5.01**	**3.9**	**0.622**
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**1.94 D**	**6.76 D**	0.036 U	**2.69**	**0.028 J**	**0.082**	**0.134**	0.035 U	**4.27 D**	**0.975**	**0.772**	**0.095**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB334	GPEC-SB334	GPEC-SB334	GPEC-SB336	GPEC-SB336	GPEC-SB336	GPEC-SB339	GPEC-SB339	GPEC-SB/PZ-340	GPEC-SB/PZ-340	GPEC-SB341	GPEC-SB341
				Sample Name	GPEC-SB334 (3-3.5)	GPEC-SB334 (24-25)	GPEC-SB334 (74-75)	GPEC-SB336 (2.5-3)	GPEC-SB336 (9-10)	GPEC-SB336 (22-23)	GPEC-SB339 (19-20)	GPEC-SB339 (64-65)	GPEC-SB/PZ340 (4.5-5)	GPEC-SB/PZ340 (21-22)	GPEC-SB341 (14.5-15)	GPEC-SB341 (28-28.5)
				Start Depth	3	24	74	2.5	9	22	19	64	4.5	21	14.5	28
				End Depth	3.5	25	75	3	10	23	20	65	5	22	15	28.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/17/2015	7/16/2015	7/16/2015	3/24/2015	4/1/2015	4/1/2015	7/28/2015	7/28/2015	3/24/2015	4/1/2015	3/30/2015	3/30/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	**18.3 D**	**163 D**	0.036 U	**11.5**	**0.203**	**0.221**	**2.2**	0.035 U	**41.3 D**	**5.36**	**4.66**	**0.707**
Fluorene		86-73-7	30	1000	**1.02 D**	**224 D**	0.036 U	**0.952**	**0.111**	**0.077**	**1.32**	0.035 U	**2.34 D**	**0.596**	**3.27**	**0.167**
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**4.18 D**	**16.5 D**	0.036 U	**5.79**	**0.065**	**0.132**	**0.293**	0.035 U	**11.7 D**	**2.6**	**1.97**	**0.323**
2-Methylnaphthalene		91-57-6	NE	NE	**0.377 D**	**583 D**	**0.033 J**	**0.365**	**1.37**	**0.184**	**9.23 D**	0.035 U	**0.555 D**	**0.339**	**0.955**	**0.123**
Naphthalene		91-20-3	12	1000	**0.637 D**	**1340 D**	**0.079**	**0.713**	**0.23**	**0.43**	**30.7 D**	0.035 U	**1.02 D**	**1.3**	**4.83**	**0.528**
Phenanthrene		85-01-8	100	1000	**12.4 D**	**377 D**	**0.045**	**8.72**	**0.31**	**0.299**	**4.74**	0.035 U	**30.3 D**	**4.23**	**5.42**	**0.507**
Pyrene		129-00-0	100	1000	**15.6 D**	**263 D**	0.036 U	**11.8**	**0.189**	**0.246**	**2.56**	0.035 U	**32.6 D**	**5.04**	**7.23**	**0.987**
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**102.297**	**3620.66**	**0.157**	**96.095**	**3.256**	**2.662**	**57.939**	ND	**248.165**	**48.637**	**55.335**	**7.145**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Benzidine		92-87-5	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Benzoic acid		65-85-0	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 UJ	0.075 UJ	0.039 U	0.035 U	0.411 U	0.063 UJ	0.039 UJ	0.094 UJ
Benzyl alcohol		100-51-6	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.245 D**	1.79 U	0.036 U	**0.152**	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	**0.148**	0.094 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Carbazole		86-74-8	NE	NE	**0.747 D**	**2.21 D**	0.036 U	**0.888**	0.039 U	0.075 U	0.039 U	0.035 U	**2.12 D**	**0.378**	**0.315**	**0.099**
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4-Chloroaniline		106-47-8	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2-Chloronaphthalene		91-58-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2-Chlorophenol		95-57-8	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Dibenzofuran		132-64-9	7	1000	**0.651 D**	**34.6 D**	0.036 U	**0.588**	**0.068**	0.075 U	**0.219**	0.035 U	**1.34 D**	**0.354**	**0.821**	**0.1**
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Diethyl phthalate		84-66-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Dimethyl phthalate		131-11-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	**0.596**
Di-n-butyl phthalate		84-74-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.388 U	0.355 U	0.411 U	0.063 U	0.039 U	0.094 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 UJ	0.075 UJ	0.388 U	0.355 U	0.411 U	0.063 UJ	0.039 UJ	0.094 UJ
2,4-Dinitrotoluene		121-14-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Hexachlorobenzene		118-74-1	0.33	12	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.388 U	0.355 U	0.411 U	0.063 U	0.039 U	0.094 U
Hexachloroethane		67-72-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Isophorone		78-59-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	**0.142**	0.039 U	**0.694**
2-Nitroaniline		88-74-4	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
3-Nitroaniline		99-09-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4-Nitroaniline		100-01-6	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Nitrobenzene		98-95-3	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB334	GPEC-SB334	GPEC-SB334	GPEC-SB336	GPEC-SB336	GPEC-SB336	GPEC-SB339	GPEC-SB339	GPEC-SB/PZ-340	GPEC-SB/PZ-340	GPEC-SB341	GPEC-SB341
				Sample Name	GPEC-SB334 (3-3.5)	GPEC-SB334 (24-25)	GPEC-SB334 (74-75)	GPEC-SB336 (2.5-3)	GPEC-SB336 (9-10)	GPEC-SB336 (22-23)	GPEC-SB339 (19-20)	GPEC-SB339 (64-65)	GPEC-SB/PZ340 (4.5-5)	GPEC-SB/PZ340 (21-22)	GPEC-SB341 (14.5-15)	GPEC-SB341 (28-28.5)
				Start Depth	3	24	74	2.5	9	22	19	64	4.5	21	14.5	28
				End Depth	3.5	25	75	3	10	23	20	65	5	22	15	28.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/17/2015	7/16/2015	7/16/2015	3/24/2015	4/1/2015	4/1/2015	7/28/2015	7/28/2015	3/24/2015	4/1/2015	3/30/2015	3/30/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
4-Nitrophenol		100-02-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Pentachlorophenol		87-86-5	0.8	55	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Phenol		108-95-2	0.33	1000	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Pyridine		110-86-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.192 U	1.79 U	0.036 U	0.075 U	0.039 U	0.075 U	0.039 U	0.035 U	0.411 U	0.063 U	0.039 U	0.094 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**103.94**	**3657.47**	**0.157**	**97.723**	**3.324**	**2.662**	**58.158**	ND	**251.625**	**49.511**	**56.619**	**8.634**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1232		11141-16-5	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1242		53469-21-9	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1016		12674-11-2	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1248		12672-29-6	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1254		11097-69-1	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Aroclor 1260		11096-82-5	NE	NE	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.023 U	0.125 U	0.021 U	0.046 U	0.024 U	0.091 U	0.023 U	0.021 U	0.049 U	0.038 U	0.024 U	0.054 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Chlordane (Technical)		12789-03-6	NE	NE	0.057 U	NA	NA	0.057 U	NA	NA	NA	NA	0.061 U	NA	NA	NA
alpha-Chlordane		5103-71-9	0.094	47	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
gamma-Chlordane		5103-74-2	NE	NE	0.00453 U	NA	NA	**0.00636**	NA	NA	NA	NA	**0.01**	NA	NA	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	**0.05**	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	**0.02**	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	**0.039**	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Dieldrin		60-57-1	0.005	2.8	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	**0.024**	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Endosulfan sulfate		1031-07-8	2.4	920	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Endrin		72-20-8	0.014	410	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Endrin aldehyde		7421-93-4	NE	NE	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Endrin ketone		53494-70-5	NE	NE	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Heptachlor		76-44-8	0.042	29	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Heptachlor epoxide		1024-57-3	NE	NE	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Methoxychlor		72-43-5	NE	NE	0.00453 U	NA	NA	0.00457 U	NA	NA	NA	NA	0.00488 U	NA	NA	NA
Toxaphene		8001-35-2	NE	NE	0.057 U	NA	NA	0.057 U	NA	NA	NA	NA	0.061 U	NA	NA	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.019 U	NA	NA	0.019 U	NA	NA	NA	NA	0.02 U	NA	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.019 U	NA	NA	0.019 U	NA	NA	NA	NA	0.02 U	NA	NA	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.019 U	NA	NA	0.019 U	NA	NA	NA	NA	0.02 U	NA	NA	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**6010**	**9410**	**7180**	**6470**	**11100**	**6720**	**11900**	**3750**	**7090**	**13300**	**10900**	**17600**
Antimony		7440-36-0	NE	NE	**2.4**	**5.63**	0.56 U	**9.74**	**0.559 J**	1.25 U	0.628 U	0.588 U	**19.1**	**2.51**	**0.729**	**8.27**
Arsenic		7440-38-2	13	16	**9.49**	**17.5**	**1.16**	**22.8**	**4**	**35.8**	**2.56**	**1.16**	**36.3**	**45.3**	**11.5**	**32.4**
Barium		7440-39-3	350	10000	**108**	**140**	**63.8**	**314**	**67**	**63.5**	**48**	**19.5**	**452**	**127**	**158**	**102**
Beryllium		7440-41-7	7.2	2700	**0.458 J**	**0.434 J**	**0.348 J**	**0.601 J**	**0.515 J**	1.25 U	**0.734**	**0.423 J**	**0.615 J**	**0.646 J**	**0.516 J**	**0.863 J**
Cadmium		7440-43-9	2.5	60	**0.665**	**0.627 J**	0.56 U	**1.06**	0.636 U	**0.457 J**	0.628 U	0.588 U	**1.2**	**0.964 J**	**0.352 J**	**4.08**
Calcium		7440-70-2	NE	NE	**2260**	**4590**	**7530**	**3910**	**6160**	**128000**	**1880**	**877**	**4320**	**82600**	**3170**	**11500**
Chromium		7440-47-3	NE	NE	**20.5**	**26.5**	**18.9**	**26.9**	**24.7**	**12.1**	**31.4**	**17.3**	**32.1**	**30**	**25.9**	**42**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.19 U	1.38 U	1.12 U	1.15 U	1.19 U	2.31 U	1.17 U	1.11 U	1.27 U	1.89 U	1.22 U	2.91 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB334	GPEC-SB334	GPEC-SB334	GPEC-SB336	GPEC-SB336	GPEC-SB336	GPEC-SB339	GPEC-SB339	GPEC-SB/PZ-340	GPEC-SB/PZ-340	GPEC-SB341	GPEC-SB341
				Sample Name	GPEC-SB334 (3-3.5)	GPEC-SB334 (24-25)	GPEC-SB334 (74-75)	GPEC-SB336 (2.5-3)	GPEC-SB336 (9-10)	GPEC-SB336 (22-23)	GPEC-SB339 (19-20)	GPEC-SB339 (64-65)	GPEC-SB/PZ340 (4.5-5)	GPEC-SB/PZ340 (21-22)	GPEC-SB341 (14.5-15)	GPEC-SB341 (28-28.5)
				Start Depth	3	24	74	2.5	9	22	19	64	4.5	21	14.5	28
				End Depth	3.5	25	75	3	10	23	20	65	5	22	15	28.5
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/17/2015	7/16/2015	7/16/2015	3/24/2015	4/1/2015	4/1/2015	7/28/2015	7/28/2015	3/24/2015	4/1/2015	3/30/2015	3/30/2015
				Parent Sample												
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	**6.12**	**9.78**	**5.83**	**7.22**	**7.43**	**2.97**	**8.1**	**4.46**	**8.1**	**8.1**	**7.37**	**8.48**
Copper		7440-50-8	50	10000	**137**	**139**	**12.9**	**240**	**35.7**	**18.5**	**25**	**12.1**	**373**	**159**	**52.9**	**286**
Iron		7439-89-6	NE	NE	**22700**	**39000**	**22900**	**20900**	**26100**	**10000**	**26700**	**19800**	**23300**	**20300**	**25700**	**18500**
Lead		7439-92-1	63	3900	**237**	**504**	**4.77**	**493**	**65.5**	**132**	**22**	**7.4**	**668**	**321**	**383**	**461**
Magnesium		7439-95-4	NE	NE	**1640**	**2020**	**4500**	**1730**	**2670**	**5210**	**2830**	**1060**	**1620**	**4220**	**2230**	**3760**
Manganese		7439-96-5	1600	10000	**388**	**387**	**310**	**279**	**326**	**282**	**240**	**199**	**294**	**278**	**386**	**157**
Mercury		7439-97-6	0.18	5.7	**0.383**	**0.059**	**0.025**	**2.89**	**0.209**	**5.01 J**	**0.017**	0.0065 U	**25.6 D**	**13.4 J**	**3.81 J**	**3.62 J**
Nickel		7440-02-0	30	10000	**18.9**	**20**	**13**	**23.4**	**16.3**	**8.97**	**15.7**	**11.2**	**27.7**	**26**	**16.2**	**47.7**
Potassium		7440-09-7	NE	NE	**706**	**1010**	**1180**	**748**	**1370**	**1350**	**1830**	**433**	**803**	**1640**	**1100**	**1830**
Selenium		7782-49-2	3.9	6800	**1.51**	**3.32**	**1.28**	**2.21**	**1.68**	**2.35**	**1.55**	**1.12**	**2.35**	**3.41**	**2.01**	**4.74**
Silver		7440-22-4	2	6800	**0.261 J**	**0.613 J**	0.56 U	**0.624**	0.636 U	1.25 U	0.628 U	0.588 U	**0.916**	**0.567 J**	0.61 U	**0.755 J**
Sodium		7440-23-5	NE	NE	**148**	**375**	**540**	**148**	**134**	**6990**	**182**	**129**	**177**	**3660**	**157**	**2000**
Thallium		7440-28-0	NE	NE	**0.165 J**	**1.12**	**1.15**	**0.275 J**	0.636 U	1.25 U	**0.254 J**	0.588 U	**0.359 J**	**0.319 J**	**1.49**	**0.675 J**
Vanadium		7440-62-2	NE	NE	**29.3**	**36.9**	**34**	**32.9**	**37**	**18**	**42**	**22**	**36.8**	**35.4**	**35.9**	**44**
Zinc		7440-66-6	109	10000	**269**	**279**	**24.7**	**556**	**67.9**	**1230**	**69.1**	**39.3**	**528**	**796**	**284**	**528**
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	2.9 U	3.4 U	2.8 U	2.9 U	3 U	5.8 U	2.9 U	2.8 U	3.2 U	4.7 U	3.1 U	7.3 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	**17000**	**63700**	**1290**	**53200**	**4730**	**67700**	**3600**	1000 U	**40200**	**74500**	**13700**	**94400**

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB341A	GPEC-SB341B	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-343	GPEC-SB/PZ-343	GPEC-SB343	GPEC-SB344	GPEC-SB344	GPEC-SB344	GPEC-SB344
				Sample Name	GPEC-SB341A (5-5.5)	GPEC-SB341B (5-5.5)	GPEC-SB/PZ342 (5.5-6)	GPEC-SB/PZ342 (10-11)	GPEC-SB/PZ342 (18-19)	GPEC-SB/PZ343 (14-15)	GPEC-SB/PZ343 (22-23)	GPEC-SB343 (2.5-3)	GPEC-SB344 (2.5-3)	GPEC-SB501 (2.5-3)	GPEC-SB344 (12-13)	GPEC-SB344 (79-80)
				Start Depth	5	5	5.5	10	18	14	22	2.5	2.5	2.5	12	79
				End Depth	5.5	5.5	6	11	19	15	23	3	3	3	13	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/18/2015	3/18/2015	3/19/2015	3/31/2015	3/31/2015	3/31/2015	3/31/2015	3/19/2015	3/23/2015	3/23/2015	7/27/2015	7/23/2015
				Parent Sample										GPEC-SB-344 (2.5-3)		
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
BTEX	mg/kg															
Benzene		71-43-2	0.06	89	0.00593 U	0.00586 U	0.00588 U	**0.263 J**	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	**0.00247 DJ**	**0.00404 DJ**	0.00575 UJ
Toluene		108-88-3	0.7	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Ethylbenzene		100-41-4	1	780	0.00593 U	0.00586 U	0.00588 U	**0.373 J**	0.00665 UJ	1.22 UJ	**0.013 J**	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Total Xylene		1330-20-7	0.26	1000	0.012 U	0.012 U	0.012 U	1.17 UJ	0.013 UJ	**3.41 J**	**0.012 J**	0.011 U	0.012 U	0.012 U	0.013 U	0.012 UJ
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	ND	ND	ND	**0.636**	ND	**3.41**	**0.025**	ND	ND	**0.00247**	**0.00404**	ND
Other VOCs	mg/kg															
Acetone		67-64-1	0.05	1000	0.03 U	0.029 U	0.029 U	1.17 UJ	0.033 UJ	2.43 UJ	0.059 UJ	0.028 U	0.03 U	0.03 U	0.032 U	0.029 UJ
Acrolein (propenal)		107-02-8	NE	NE	0.119 U	0.117 U	0.118 U	11.7 R	0.133 R	24.3 R	0.236 R	0.114 U	0.122 U	0.12 U	0.128 U	0.115 UJ
Acrylonitrile		107-13-1	NE	NE	0.119 U	0.117 U	0.118 U	11.7 UJ	0.133 UJ	24.3 UJ	0.236 UJ	0.114 U	0.122 U	0.12 U	0.128 U	0.115 UJ
Bromodichloromethane		75-27-4	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Bromoform		75-25-2	NE	NE	0.00593 U	0.00586 U	0.00588 U	1.17 UJ	0.00665 UJ	2.43 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.013 U	0.012 UJ
Bromomethane		74-83-9	NE	NE	0.012 U	0.012 U	0.012 U	0.585 UJ	0.013 UJ	1.22 UJ	0.024 UJ	0.011 U	0.012 U	0.012 U	0.00639 U	0.00575 UJ
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.024 U	0.023 U	0.024 U	1.17 R	0.027 R	2.43 R	0.047 R	0.023 U	0.024 U	0.024 U	0.026 U	0.023 UJ
Carbon disulfide		75-15-0	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	**0.012 J**	1.22 UJ	**0.092 J**	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Carbon tetrachloride		56-23-5	0.76	44	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Chlorobenzene		108-90-7	1.1	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Chloroethane		75-00-3	NE	NE	0.012 U	0.012 U	0.012 U	0.585 UJ	0.013 UJ	1.22 UJ	0.024 UJ	0.011 U	0.012 U	0.012 U	0.00639 U	0.00575 UJ
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Chloroform		67-66-3	0.37	700	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Chloromethane		74-87-3	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Dibromochloromethane		124-48-1	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,1-Dichloroethane		75-34-3	0.27	480	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,2-Dichloroethane		107-06-2	0.02	60	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,1-Dichloroethene		75-35-4	0.33	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,2-Dichloropropane		78-87-5	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Diisopropyl ether		108-20-3	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
2-Hexanone		591-78-6	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	**0.013 J**	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Methylene chloride		75-09-2	0.05	1000	**0.017 CD**	**0.015 CD**	**0.028 CD**	1.17 UJ	0.013 UJ	2.43 UJ	0.024 UJ	**0.013 CD**	**0.02 CD**	**0.018 CD**	**0.038 CD**	**0.039 J**
Styrene		100-42-5	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	**0.578 J**	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00593 U	**0.00345 DJ**	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	**0.013 D**	**0.02 J**
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Trichloroethene (TCE)		79-01-6	0.47	400	0.00593 U	0.00586 U	0.00588 U	**0.392 J**	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Vinyl acetate		108-05-4	NE	NE	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
Vinyl chloride		75-01-4	0.02	27	0.00593 U	0.00586 U	0.00588 U	0.585 UJ	0.00665 UJ	1.22 UJ	0.012 UJ	0.00568 U	0.00608 U	0.00602 U	0.00639 U	0.00575 UJ
NYSDEC PAH17	mg/kg															
Acenaphthene		83-32-9	20	1000	**0.104**	**14.7 D**	**0.074**	**1.15**	**0.394**	**5.95**	0.078 U	**0.119**	**1.02**	**0.829 D**	0.042 U	0.037 U
Acenaphthylene		208-96-8	100	1000	**0.253**	**4.51 D**	**0.709**	**0.335**	**0.214**	**0.857**	0.078 U	**0.191**	**0.43**	**0.355 D**	0.042 U	0.037 U
Anthracene		120-12-7	100	1000	**0.521**	**34.3 D**	**0.61**	**1.49**	**0.787**	**8.34**	0.078 U	**0.421**	**2.42**	**1.81 D**	**0.047**	0.037 U
Benzo(a)anthracene		56-55-3	1	11	**1.61**	**59.1 D**	**0.741**	**1.97**	**2.45**	**8.68**	0.078 U	**0.94**	**6.24 D**	**6.96 D**	**0.134**	0.037 U
Benzo(b)fluoranthene		205-99-2	1	11	**1.94**	**58.1 D**	**0.95**	**1.38**	**2.37**	**7.22**	0.078 U	**1.17**	**7.76 D**	**8.06 D**	**0.108**	0.037 U
Benzo(k)fluoranthene		207-08-9	0.8	110	**1.28**	**32.8 D**	**0.619**	**1.59**	**2.82**	**8.29**	0.078 U	**0.697**	**5.77**	**6.69 D**	**0.074**	0.037 U
Benzo(g,h,i)perylene		191-24-2	100	1000	**1.11**	**24.9 D**	**0.621**	**1.16**	**2.64**	**6.51**	0.078 U	**0.713**	**3.9**	**6.07 D**	**0.064**	0.037 U
Benzo(a)pyrene		50-32-8	1	1.1	**1.87**	**49.8 D**	**1.16**	**1.94**	**3.54**	**9.38**	0.078 U	**1.16**	**7.97 D**	**9.1 D**	**0.093**	0.037 U
Chrysene		218-01-9	1	110	**1.81**	**60.7 D**	**0.735**	**2.26**	**3.69**	**8.69**	0.078 U	**1.05**	**6.47 D**	**7.69 D**	**0.133**	0.037 U
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**0.364**	**11.4 D**	**0.216**	**0.339**	**0.59**	**2.63**	0.078 U	**0.221**	**1.65**	**1.91 D**	0.042 U	0.037 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB341A	GPEC-SB341B	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-343	GPEC-SB/PZ-343	GPEC-SB343	GPEC-SB344	GPEC-SB344	GPEC-SB344	GPEC-SB344
				Sample Name	GPEC-SB341A (5-5.5)	GPEC-SB341B (5-5.5)	GPEC-SB/PZ342 (5.5-6)	GPEC-SB/PZ342 (10-11)	GPEC-SB/PZ342 (18-19)	GPEC-SB/PZ343 (14-15)	GPEC-SB/PZ343 (22-23)	GPEC-SB343 (2.5-3)	GPEC-SB344 (2.5-3)	GPEC-SB501 (2.5-3)	GPEC-SB344 (12-13)	GPEC-SB344 (79-80)
				Start Depth	5	5	5.5	10	18	14	22	2.5	2.5	2.5	12	79
				End Depth	5.5	5.5	6	11	19	15	23	3	3	3	13	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/18/2015	3/18/2015	3/19/2015	3/31/2015	3/31/2015	3/31/2015	3/31/2015	3/19/2015	3/23/2015	3/23/2015	7/27/2015	7/23/2015
				Parent Sample										GPEC-SB-344 (2.5-3)		
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Fluoranthene		206-44-0	100	1000	**3.31**	**166 D**	**1.03**	**3.37**	**3.03**	**19.2**	0.078 U	**1.74**	**12 D**	**13.6 D**	**0.259**	0.037 U
Fluorene		86-73-7	30	1000	**0.164**	**19.8 D**	**0.19**	**1.87**	**0.393**	**6.89**	0.078 U	**0.145**	**0.829**	**0.703 D**	**0.025 J**	0.037 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**0.971**	**23.9 D**	**0.531**	**0.968**	**1.8**	**5.3**	0.078 U	**0.586**	**4.65**	**5.17 D**	**0.061**	0.037 U
2-Methylnaphthalene		91-57-6	NE	NE	**0.099**	**10.1 D**	**0.137**	**1.06**	**0.234**	**5.78**	0.078 U	**0.069**	**0.308**	**0.249 D**	0.042 U	**0.04**
Naphthalene		91-20-3	12	1000	**0.149**	**17.1 D**	**0.343**	**0.62**	**0.706**	**14.3**	**0.055 J**	**0.104**	**0.576**	**0.445 D**	**0.095**	**0.12**
Phenanthrene		85-01-8	100	1000	**1.43**	**190 D**	**0.53**	**5.32**	**2.6**	**21.8**	**0.061 J**	**1.17**	**9.09 D**	**10.4 D**	**0.178**	0.037 U
Pyrene		129-00-0	100	1000	**3.01**	**113 D**	**1.16**	**4.89**	**3.68**	**18.8**	0.078 U	**1.64**	**10.7 D**	**14.2 D**	**0.239**	0.037 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**19.995**	**890.21**	**10.356**	**31.712**	**31.938**	**158.617**	**0.116**	**12.136**	**81.783**	**94.241**	**1.51**	**0.16**
NYSDEC PAH17 Other SVOCs	mg/kg															
Aniline		62-53-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Benzidine		92-87-5	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Benzoic acid		65-85-0	NE	NE	0.039 U	0.768 U	0.038 U	0.039 UJ	0.044 UJ	0.235 UJ	0.078 UJ	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Benzyl alcohol		100-51-6	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.285**	0.768 U	**0.433**	**1.09**	**0.035 J**	0.235 U	**0.051 J**	**0.492**	**0.269**	**0.179 D**	0.042 U	0.037 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Carbazole		86-74-8	NE	NE	**0.11**	**14.8 D**	**0.048**	**0.255**	**0.18**	**4.74**	0.078 U	**0.105**	**0.858**	**0.654 D**	0.042 U	0.037 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4-Chloroaniline		106-47-8	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2-Chloronaphthalene		91-58-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2-Chlorophenol		95-57-8	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Dibenzofuran		132-64-9	7	1000	**0.068**	**13.9 D**	**0.033 J**	**0.434**	**0.22**	**5.58**	0.078 U	**0.081**	**0.513**	**0.431 D**	0.042 U	0.037 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Diethyl phthalate		84-66-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Dimethyl phthalate		131-11-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	**0.29**	**0.385**	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.418 U	0.369 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.039 U	0.768 U	0.038 U	0.039 UJ	0.044 UJ	0.235 UJ	0.078 UJ	0.038 U	0.041 U	0.158 U	0.418 U	0.369 U
2,4-Dinitrotoluene		121-14-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Hexachlorobenzene		118-74-1	0.33	12	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.418 U	0.369 U
Hexachloroethane		67-72-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Isophorone		78-59-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	**0.467**	**1.11**	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2-Nitroaniline		88-74-4	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
3-Nitroaniline		99-09-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4-Nitroaniline		100-01-6	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Nitrobenzene		98-95-3	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB341A	GPEC-SB341B	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-343	GPEC-SB/PZ-343	GPEC-SB343	GPEC-SB344	GPEC-SB344	GPEC-SB344	GPEC-SB344
				Sample Name	GPEC-SB341A (5-5.5)	GPEC-SB341B (5-5.5)	GPEC-SB/PZ342 (5.5-6)	GPEC-SB/PZ342 (10-11)	GPEC-SB/PZ342 (18-19)	GPEC-SB/PZ343 (14-15)	GPEC-SB/PZ343 (22-23)	GPEC-SB343 (2.5-3)	GPEC-SB344 (2.5-3)	GPEC-SB501 (2.5-3)	GPEC-SB344 (12-13)	GPEC-SB344 (79-80)
				Start Depth	5	5	5.5	10	18	14	22	2.5	2.5	2.5	12	79
				End Depth	5.5	5.5	6	11	19	15	23	3	3	3	13	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/18/2015	3/18/2015	3/19/2015	3/31/2015	3/31/2015	3/31/2015	3/31/2015	3/19/2015	3/23/2015	3/23/2015	7/27/2015	7/23/2015
				Parent Sample										GPEC-SB-344 (2.5-3)		
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
2-Nitrophenol		88-75-5	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
4-Nitrophenol		100-02-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Pentachlorophenol		87-86-5	0.8	55	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Phenol		108-95-2	0.33	1000	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Pyridine		110-86-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.039 U	0.768 U	0.038 U	0.039 U	0.044 U	0.235 U	0.078 U	0.038 U	0.041 U	0.158 U	0.042 U	0.037 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**20.458**	**918.91**	**10.87**	**33.491**	**32.373**	**169.694**	**1.662**	**12.814**	**83.423**	**95.505**	**1.51**	**0.16**
PCB Aroclors	mg/kg															
Aroclor 1221		11104-28-2	NE	NE	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1232		11141-16-5	NE	NE	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1242		53469-21-9	NE	NE	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1016		12674-11-2	NE	NE	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1248		12672-29-6	NE	NE	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1254		11097-69-1	NE	NE	**0.471**	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Aroclor 1260		11096-82-5	NE	NE	**0.356**	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	**0.827**	0.023 U	0.023 U	0.023 U	0.026 U	0.045 U	0.047 U	0.021 U	0.048 U	0.047 U	0.025 U	0.022 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	**0.827**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg															
Aldrin		309-00-2	0.005	1.4	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Chlordane (Technical)		12789-03-6	NE	NE	0.056 U	0.058 U	**0.045 J**	NA	NA	NA	NA	0.053 U	0.06 U	0.058 U	NA	NA
alpha-Chlordane		5103-71-9	0.094	47	0.00449 U	0.00462 U	**0.00698**	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
gamma-Chlordane		5103-74-2	NE	NE	0.00449 U	0.00462 U	**0.00428 J**	NA	NA	NA	NA	0.00426 U	**0.00813**	**0.00736**	NA	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	0.00449 U	**0.046**	**0.014**	NA	NA	NA	NA	**0.016**	0.00478 U	0.00466 U	NA	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	0.00449 U	**0.066**	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Dieldrin		60-57-1	0.005	2.8	0.00449 U	0.00462 U	**0.00291 J**	NA	NA	NA	NA	**0.00294 J**	0.00478 U	0.00466 U	NA	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Endosulfan sulfate		1031-07-8	2.4	920	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Endrin		72-20-8	0.014	410	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Endrin aldehyde		7421-93-4	NE	NE	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Endrin ketone		53494-70-5	NE	NE	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Heptachlor		76-44-8	0.042	29	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Heptachlor epoxide		1024-57-3	NE	NE	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Methoxychlor		72-43-5	NE	NE	0.00449 U	0.00462 U	0.00462 U	NA	NA	NA	NA	0.00426 U	0.00478 U	0.00466 U	NA	NA
Toxaphene		8001-35-2	NE	NE	0.056 U	0.058 U	0.058 U	NA	NA	NA	NA	0.053 U	0.06 U	0.058 U	NA	NA
Herbicides	mg/kg															
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.019 U	0.02 U	0.019 U	NA	NA	NA	NA	0.019 U	0.02 U	0.02 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.019 U	0.02 U	0.019 U	NA	NA	NA	NA	0.019 U	0.02 U	0.02 U	NA	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.019 U	0.02 U	0.019 U	NA	NA	NA	NA	0.019 U	0.02 U	0.02 U	NA	NA
Metals	mg/kg															
Aluminum		7429-90-5	NE	NE	**13400**	**8790**	**8240**	**3210**	**7040**	**7560**	**20300**	**8080**	**8220**	**8550**	**8980**	**3580**
Antimony		7440-36-0	NE	NE	**8.19**	**15.9**	**3.48**	**1.52**	**2.94**	**0.714**	1.26 U	**2.57**	**13.9**	**15.3**	**0.651 J**	0.601 U
Arsenic		7440-38-2	13	16	**10.3**	**25**	**15.6**	**7.28**	**12.9**	**5.63**	**3.89**	**15**	**24.9**	**24.1**	**8.17**	**1.4**
Barium		7440-39-3	350	10000	**316**	**515**	**151**	**44.9**	**318**	**131**	**45.4**	**118**	**485**	**557**	**193**	**17.6**
Beryllium		7440-41-7	7.2	2700	**33.1**	**20**	**3.93**	0.617 U	**0.414 J**	**0.419 J**	**1.37**	**1.54**	**0.664**	**0.597 J**	**0.482 J**	0.601 U
Cadmium		7440-43-9	2.5	60	**0.943**	**2.73**	**1.2**	**0.34 J**	**0.544 J**	0.657 U	1.26 U	**0.479 J**	**1.63**	**1.48**	**0.173 J**	0.601 U
Calcium		7440-70-2	NE	NE	**16500**	**6280**	**2840**	**1350**	**2180**	**51600**	**7000**	**6150**	**4640**	**4710**	**5460**	**1010**
Chromium		7440-47-3	NE	NE	**302**	**202**	**56.7**	**15.1**	**35.2**	**18.2**	**41.2**	**31.6**	**30.7**	**31.4**	**19.7**	**9.66**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	**17.2**	1.2 U	**2.91**	1.17 U	1.33 U	1.22 U	2.36 U	1.16 U	1.22 U	1.2 U	1.28 U	1.15 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB341A	GPEC-SB341B	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-342	GPEC-SB/PZ-343	GPEC-SB/PZ-343	GPEC-SB343	GPEC-SB344	GPEC-SB344	GPEC-SB344	GPEC-SB344
				Sample Name	GPEC-SB341A (5-5.5)	GPEC-SB341B (5-5.5)	GPEC-SB/PZ342 (5.5-6)	GPEC-SB/PZ342 (10-11)	GPEC-SB/PZ342 (18-19)	GPEC-SB/PZ343 (14-15)	GPEC-SB/PZ343 (22-23)	GPEC-SB343 (2.5-3)	GPEC-SB344 (2.5-3)	GPEC-SB501 (2.5-3)	GPEC-SB344 (12-13)	GPEC-SB344 (79-80)
				Start Depth	5	5	5.5	10	18	14	22	2.5	2.5	2.5	12	79
				End Depth	5.5	5.5	6	11	19	15	23	3	3	3	13	80
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/18/2015	3/18/2015	3/19/2015	3/31/2015	3/31/2015	3/31/2015	3/31/2015	3/19/2015	3/23/2015	3/23/2015	7/27/2015	7/23/2015
				Parent Sample										GPEC-SB-344 (2.5-3)		
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**												
Cobalt		7440-48-4	NE	NE	55.5	35.2	13.2	2.52	7.85	5.01	9.26	9.57	9.33	8.91	6.44	3.24
Copper		7440-50-8	50	10000	1030	885	297	54.5	1360	33.7	16.9	165	488	434	32.5	15
Iron		7439-89-6	NE	NE	57100	57400 D	26200	8690	41600	12400	32600	27600	33700	25800	19500	10400
Lead		7439-92-1	63	3900	1800	1750	702	98.8	1780	200	13.9	292	630	717	478	2.26
Magnesium		7439-95-4	NE	NE	8440	2550	2460	945	2400	22800	5140	4310	2560	2290	2080	1740
Manganese		7439-96-5	1600	10000	690	622	370	91.7	327	309	148	425	683	1040	311	129
Mercury		7439-97-6	0.18	5.7	0.618	1.2	0.999	0.457	19.4 J	0.406	0.081	0.76	2.44 D	1.59	0.686	0.012 J
Nickel		7440-02-0	30	10000	499	278	83.3	9.46	15.6	14.4	16.2	34.1	51.5	56.6	14.7	6.94
Potassium		7440-09-7	NE	NE	1160	891	876	309	939	1020	1770	1120	932	1020	1020	474
Selenium		7782-49-2	3.9	6800	4.57	3.7	1.79	0.617 U	1.92	1.83	3.28	2.13	2.63	2.23	3.57	0.916
Silver		7440-22-4	2	6800	1.71	1.04	0.355 J	0.617 U	0.699	0.176 J	1.26 U	0.264 J	10.1	8.4	0.216 J	0.601 U
Sodium		7440-23-5	NE	NE	963	550	196	86.6	756	338	4260	147	129	156	152	190
Thallium		7440-28-0	NE	NE	0.617 U	0.199 J	0.622 U	0.617 U	0.696 U	0.224 J	0.365 J	0.154 J	1.38	0.423 J	0.222 J	0.193 J
Vanadium		7440-62-2	NE	NE	46.3	54	36.1	16.8	29.5	25.8	63.4	46.3	38.5	39.4	30	14.7
Zinc		7440-66-6	109	10000	4530	3500	818	98.2	613	58.6	22.5	260	1090	757	152	17
Cyanides	mg/kg															
Free Cyanide		FREECN	NE	NE	3 U	2.9 U	2.9 U	2.9 U	3.3 U	3 U	5.9 U	2.8 U	3 U	3 U	3.2 U	2.9 U
Other																
Total Organic Carbon	mg/kg	TOC	NE	NE	25500	39400	14700	8410	46600	24500	98500	15200	50100	35900	6630	622 J

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB345	GPEC-SB345	GPEC-SB/PZ-346	GPEC-SB346	GPEC-SB347	GPEC-SB347	GPEC-SB347	GPEC-SB348	GPEC-SB348	GPEC-SB348
				Sample Name	GPEC-SB345 (5-5.5)	GPEC-SB500 (5-5.5)	GPEC-SB/PZ346	GPEC-SB346 (18.5-19.5)	GPEC-SB347 (1.5-2)	GPEC-SB347 (9-10)	GPEC-SB347 (22-23)	GPEC-SB348 (5-5.5)	GPEC-SB348 (12.5-13)	GPEC-SB348 (29.5-30)
				Start Depth	5	5	5.5	18.5	1.5	9	22	5	12.5	29.5
				End Depth	5.5	5.5	6	19.5	2	10	23	5.5	13	30
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	3/9/2015	3/12/2015	4/8/2015	3/18/2015	4/1/2015	4/1/2015	3/19/2015	3/30/2015	3/30/2015
				Parent Sample		GPEC-SB-345 (5-5.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**										
BTEX	mg/kg													
Benzene		71-43-2	0.06	89	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	**0.061 J**	**0.173 J**	0.00551 U	0.00552 UJ	0.00595 UJ
Toluene		108-88-3	0.7	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	**0.038 J**	**0.129 J**	0.00551 U	0.00552 UJ	0.00595 UJ
Ethylbenzene		100-41-4	1	780	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	**0.276 J**	0.00551 U	0.00552 UJ	0.00595 UJ
Total Xylene		1330-20-7	0.26	1000	0.012 UJ	0.012 UJ	0.011 U	0.019 U	125 U	0.121 UJ	**0.57 J**	0.011 U	0.011 UJ	0.012 UJ
Total BTEX (ND=0)		TBTEX_ND0	NE	NE	ND	ND	ND	ND	ND	**0.099**	**1.148**	ND	ND	ND
Other VOCs	mg/kg													
Acetone		67-64-1	0.05	1000	0.03 UJ	0.03 UJ	0.028 U	0.047 U	125 U	**1.2 J**	**1.98 J**	0.028 U	0.028 UJ	0.03 UJ
Acrolein (propenal)		107-02-8	NE	NE	0.121 R	0.121 R	0.113 U	0.186 U	1250 U	1.21 R	5.28 R	0.11 U	0.11 R	0.119 R
Acrylonitrile		107-13-1	NE	NE	0.121 UJ	0.121 UJ	0.113 U	0.186 U	1250 U	1.21 UJ	5.28 UJ	0.11 U	0.11 UJ	0.119 UJ
Bromodichloromethane		75-27-4	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Bromoform		75-25-2	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.121 UJ	0.528 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Bromomethane		74-83-9	NE	NE	0.012 UJ	0.012 UJ	0.011 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.011 U	0.011 UJ	0.012 UJ
t-Butyl alcohol (Tertiary Butyl Alcohol)		75-65-0	NE	NE	0.024 UJ	0.024 R	0.023 U	0.037 U	125 U	0.121 R	0.528 R	0.022 U	0.022 R	0.024 R
Carbon disulfide		75-15-0	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	**0.012 D**	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Carbon tetrachloride		56-23-5	0.76	44	0.00604 UJ	0.00605 UJ	0.00565 U	0.019 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Chlorobenzene		108-90-7	1.1	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Chloroethane		75-00-3	NE	NE	0.012 UJ	0.012 UJ	0.011 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.011 U	0.011 UJ	0.012 UJ
2-Chloroethyl vinyl ether		110-75-8	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Chloroform		67-66-3	0.37	700	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Chloromethane		74-87-3	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Dibromochloromethane		124-48-1	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Dichlorodifluoromethane (Freon 12)		75-71-8	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1-Dichloroethane		75-34-3	0.27	480	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,2-Dichloroethane		107-06-2	0.02	60	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1-Dichloroethene		75-35-4	0.33	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
cis-1,2-Dichloroethene		156-59-2	0.25	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
trans-1,2-Dichloroethene		156-60-5	0.19	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,2-Dichloropropane		78-87-5	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
cis-1,3-Dichloropropene		10061-01-5	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
trans-1,3-Dichloropropene		10061-02-6	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Diisopropyl ether		108-20-3	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
2-Hexanone		591-78-6	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Methyl ethyl ketone (2-Butanone)		78-93-3	0.12	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Methyl tert-butyl ether (MTBE)		1634-04-4	0.93	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
4-Methyl-2-pentanone (MIBK)		108-10-1	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Methylene chloride		75-09-2	0.05	1000	0.012 UJ	0.012 UJ	0.011 U	**0.029 CD**	125 U	0.121 UJ	0.528 UJ	**0.015 CD**	0.011 UJ	0.012 UJ
Styrene		100-42-5	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1,2,2-Tetrachloroethane		79-34-5	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Tetrachloroethene (PCE)		127-18-4	1.3	300	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	**0.086 J**	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		76-13-1	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1,1-Trichloroethane (TCA)		71-55-6	0.68	1000	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,1,2-Trichloroethane		79-00-5	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Trichloroethene (TCE)		79-01-6	0.47	400	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Trichlorofluoromethane (Freon 11)		75-69-4	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
1,2,3-Trichloropropane		96-18-4	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Vinyl acetate		108-05-4	NE	NE	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
Vinyl chloride		75-01-4	0.02	27	0.00604 UJ	0.00605 UJ	0.00565 U	0.00931 U	62.4 U	0.061 UJ	0.264 UJ	0.00551 U	0.00552 UJ	0.00595 UJ
NYSDEC PAH17	mg/kg													
Acenaphthene		83-32-9	20	1000	**0.296**	**0.423**	**0.21**	0.06 U	**66 D**	**1.88**	**79.9**	0.037 U	0.036 U	0.04 U
Acenaphthylene		208-96-8	100	1000	**0.036 J**	**0.05**	**0.184**	0.06 U	**105 D**	**0.329**	**31.3**	**0.042**	0.036 U	0.04 U
Anthracene		120-12-7	100	1000	**0.424**	**0.543**	**0.53**	0.06 U	**48.8 D**	**2.32**	**99.2**	**0.065**	**0.029 J**	0.04 U
Benzo(a)anthracene		56-55-3	1	11	**1.68**	**2.17**	**1.65**	**0.04 J**	**188 D**	**3.61**	**85.9**	**0.155**	**0.044**	0.04 U
Benzo(b)fluoranthene		205-99-2	1	11	**2.01**	**2.56**	**2.1**	0.06 U	**117 D**	**2.98**	**38.1**	**0.187**	**0.031 J**	0.04 U
Benzo(k)fluoranthene		207-08-9	0.8	110	**1.63**	**2.29**	**1.53**	0.06 U	**111 D**	**2.8**	**39.1**	**0.155**	**0.051**	0.04 U
Benzo(g,h,i)perylene		191-24-2	100	1000	**1.33**	**1.77**	**1.4**	0.06 U	**62.1 D**	**2.47**	**24.3**	**0.142**	**0.032 J**	0.04 U
Benzo(a)pyrene		50-32-8	1	1.1	**1.87**	**2.46**	**2.01**	0.06 U	**23.7 D**	**3.48**	**66.3**	**0.181**	**0.045**	0.04 U
Chrysene		218-01-9	1	110	**1.92**	**2.43**	**1.94**	**0.04 J**	**291 D**	**3.62**	**69.9**	**0.176**	**0.047**	0.04 U
Dibenz(a,h)anthracene		53-70-3	0.33	1.1	**0.432**	**0.596**	**0.49**	0.06 U	**24.4 D**	**0.872**	**10.3**	**0.028 J**	0.036 U	0.04 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB345	GPEC-SB345	GPEC-SB/PZ-346	GPEC-SB346	GPEC-SB347	GPEC-SB347	GPEC-SB347	GPEC-SB348	GPEC-SB348	GPEC-SB348
				Sample Name	GPEC-SB345 (5-5.5)	GPEC-SB500 (5-5.5)	GPEC-SB/PZ346	GPEC-SB346 (18.5-19.5)	GPEC-SB347 (1.5-2)	GPEC-SB347 (9-10)	GPEC-SB347 (22-23)	GPEC-SB348 (5-5.5)	GPEC-SB348 (12.5-13)	GPEC-SB348 (29.5-30)
				Start Depth	5	5	5.5	18.5	1.5	9	22	5	12.5	29.5
				End Depth	5.5	5.5	6	19.5	2	10	23	5.5	13	30
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	3/9/2015	3/12/2015	4/8/2015	3/18/2015	4/1/2015	4/1/2015	3/19/2015	3/30/2015	3/30/2015
				Parent Sample		GPEC-SB-345 (5-5.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**										
Fluoranthene		206-44-0	100	1000	**3.28**	**4.44**	**2.8**	**0.067**	**748 D**	**5.45**	**121**	**0.291**	**0.072**	0.04 U
Fluorene		86-73-7	30	1000	**0.189**	**0.249**	**0.267**	0.06 U	**413 D**	**2.11**	**107**	**0.032 J**	0.036 U	0.04 U
Indeno(1,2,3-cd)pyrene		193-39-5	0.5	11	**1.14**	**1.47**	**1.19**	0.06 U	**60.2 D**	**1.93**	**19.9**	**0.105**	0.036 U	0.04 U
2-Methylnaphthalene		91-57-6	NE	NE	**0.079**	**0.109**	**0.119**	0.06 U	**3000 D**	**4.79**	**86.7**	0.037 U	0.036 U	**0.037 J**
Naphthalene		91-20-3	12	1000	**0.23**	**0.326**	**0.183**	**0.16**	**4090 D**	**4.15**	**60.5**	**0.031 J**	0.036 U	**0.053**
Phenanthrene		85-01-8	100	1000	**2.17**	**2.72**	**1.63**	**0.058 J**	**2590 D**	**6**	**192**	**0.187**	**0.087**	0.04 U
Pyrene		129-00-0	100	1000	**3.13**	**3.84**	**2.84**	**0.065**	**891 D**	**5.4**	**176**	**0.286**	**0.076**	0.04 U
Total PAH (17) (ND=0)		TPAH17_ND0	NE	1000	**21.846**	**28.446**	**21.073**	**0.43**	**12829.2**	**54.191**	**1307.4**	**2.063**	**0.514**	**0.09**
NYSDEC PAH17 Other SVOCs	mg/kg													
Aniline		62-53-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Benzidine		92-87-5	NE	NE	0.039 R	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Benzoic acid		65-85-0	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 UJ	1.27 UJ	0.037 U	0.036 UJ	0.04 UJ
Benzyl alcohol		100-51-6	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Bis(2-chloroethoxy)methane		111-91-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Bis(2-chloroethyl)ether		111-44-4	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,2-oxybis(1-Chloropropane)		108-60-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Bis(2-ethylhexyl)phthalate		117-81-7	NE	NE	**0.179 J**	**0.385 J**	**0.352**	**3.06**	1.2 U	0.04 U	1.27 U	**0.614**	**0.275**	0.04 U
4-Bromophenyl phenyl ether		101-55-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Butyl benzyl phthalate		85-68-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Carbazole		86-74-8	NE	NE	**0.291**	**0.371**	**0.153**	0.06 U	1.2 U	**0.976**	1.27 U	0.037 U	0.036 U	0.04 U
4-Chloro-3-methylphenol		59-50-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4-Chloroaniline		106-47-8	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2-Chloronaphthalene		91-58-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2-Chlorophenol		95-57-8	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4-Chlorophenyl phenyl ether		7005-72-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Dibenzofuran		132-64-9	7	1000	**0.12**	**0.166**	**0.186**	0.06 U	**60.1 D**	**1.03**	**2.81**	0.037 U	0.036 U	0.04 U
1,2-Dichlorobenzene		95-50-1	1.1	1000	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
1,3-Dichlorobenzene		541-73-1	2.4	560	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
1,4-Dichlorobenzene		106-46-7	1.8	250	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
3,3-Dichlorobenzidine		91-94-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,4-Dichlorophenol		120-83-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Diethyl phthalate		84-66-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Dimethyl phthalate		131-11-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,4-Dimethylphenol		105-67-9	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Di-n-butyl phthalate		84-74-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4,6-Dinitro-2-methylphenol		534-52-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,4-Dinitrophenol		51-28-5	NE	NE	0.039 R	0.039 U	0.038 U	0.06 U	1.2 U	0.04 UJ	1.27 UJ	0.037 U	0.036 UJ	0.04 UJ
2,4-Dinitrotoluene		121-14-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,6-Dinitrotoluene		606-20-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Di-n-octyl phthalate		117-84-0	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
1,2-Diphenylhydrazine		122-66-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Hexachlorobenzene		118-74-1	0.33	12	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Hexachlorobutadiene (C-46)		87-68-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Hexachlorocyclopentadiene		77-47-4	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Hexachloroethane		67-72-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Isophorone		78-59-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	**2.34**	0.037 U	0.036 U	0.04 U
2-Methylphenol (o-Cresol)		95-48-7	0.33	1000	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4-Methylphenol (p-Cresol)		106-44-5	0.33	1000	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2-Nitroaniline		88-74-4	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
3-Nitroaniline		99-09-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4-Nitroaniline		100-01-6	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Nitrobenzene		98-95-3	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB345	GPEC-SB345	GPEC-SB/PZ-346	GPEC-SB346	GPEC-SB347	GPEC-SB347	GPEC-SB347	GPEC-SB348	GPEC-SB348	GPEC-SB348
				Sample Name	GPEC-SB345 (5-5.5)	GPEC-SB500 (5-5.5)	GPEC-SB/PZ346	GPEC-SB346 (18.5-19.5)	GPEC-SB347 (1.5-2)	GPEC-SB347 (9-10)	GPEC-SB347 (22-23)	GPEC-SB348 (5-5.5)	GPEC-SB348 (12.5-13)	GPEC-SB348 (29.5-30)
				Start Depth	5	5	5.5	18.5	1.5	9	22	5	12.5	29.5
				End Depth	5.5	5.5	6	19.5	2	10	23	5.5	13	30
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	3/9/2015	3/12/2015	4/8/2015	3/18/2015	4/1/2015	4/1/2015	3/19/2015	3/30/2015	3/30/2015
				Parent Sample		GPEC-SB-345 (5-5.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**										
2-Nitrophenol		88-75-5	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
4-Nitrophenol		100-02-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
N-Nitrosodimethylamine (NDMA)		62-75-9	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
N-Nitrosodiphenylamine (NDFA)		86-30-6	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
N-Nitrosodi-n-propylamine (NDPA)		621-64-7	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Pentachlorophenol		87-86-5	0.8	55	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Phenol		108-95-2	0.33	1000	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Pyridine		110-86-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
1,2,4-Trichlorobenzene		120-82-1	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,4,5-Trichlorophenol		95-95-4	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
2,4,6-Trichlorophenol		88-06-2	NE	NE	0.039 U	0.039 U	0.038 U	0.06 U	1.2 U	0.04 U	1.27 U	0.037 U	0.036 U	0.04 U
Total SVOCs (ND=0)		TSVOC_ND0	NE	NE	**22.436**	**29.368**	**21.764**	**3.49**	**12889.3**	**56.197**	**1312.55**	**2.677**	**0.789**	**0.09**
PCB Aroclors	mg/kg													
Aroclor 1221		11104-28-2	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1232		11141-16-5	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1242		53469-21-9	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1016		12674-11-2	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1248		12672-29-6	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1254		11097-69-1	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Aroclor 1260		11096-82-5	NE	NE	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Total PCBs (Lab calculated)		1336-36-3	0.1	25	0.022 U	0.023 U	0.021 U	0.069 U	0.245 U	0.024 U	0.104 U	0.021 U	0.021 U	0.024 U
Total PCB Aroclors (ND=0)		TPCB-AR_ND0	0.1	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides	mg/kg													
Aldrin		309-00-2	0.005	1.4	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
alpha-BHC (Hexachlorocyclohexane)		319-84-6	0.02	6.8	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
beta-BHC (beta-Hexachlorocyclohexane)		319-85-7	0.036	14	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
gamma-BHC (gamma-Hexachlorocyclohexane) (Lindane)		58-89-9	0.1	23	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
delta-BHC (delta-Hexachlorocyclohexane)		319-86-8	0.04	1000	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Chlordane (Technical)		12789-03-6	NE	NE	0.056 U	0.057 U	0.054 U	NA	0.306 U	NA	NA	0.054 U	NA	NA
alpha-Chlordane		5103-71-9	0.094	47	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
gamma-Chlordane		5103-74-2	NE	NE	**0.00334 J**	**0.004 J**	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
4,4'-DDT (p,p'-DDT)		50-29-3	0.0033	94	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
4,4'-DDE (p,p'-DDE)		72-55-9	0.0033	120	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
4,4-DDD (p,p-DDD)		72-54-8	0.0033	180	0.00449 U	0.00455 U	0.00428 U	NA	**33.6 D**	NA	NA	0.00428 U	NA	NA
Dieldrin		60-57-1	0.005	2.8	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
alpha-Endosulfan (I)		959-98-8	2.4	920	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
beta-Endosulfan (II)		33213-65-9	2.4	920	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Endosulfan sulfate		1031-07-8	2.4	920	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Endrin		72-20-8	0.014	410	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Endrin aldehyde		7421-93-4	NE	NE	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Endrin ketone		53494-70-5	NE	NE	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Heptachlor		76-44-8	0.042	29	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Heptachlor epoxide		1024-57-3	NE	NE	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Methoxychlor		72-43-5	NE	NE	0.00449 U	0.00455 U	0.00428 U	NA	0.025 U	NA	NA	0.00428 U	NA	NA
Toxaphene		8001-35-2	NE	NE	0.056 U	0.057 U	0.054 U	NA	0.306 U	NA	NA	0.054 U	NA	NA
Herbicides	mg/kg													
2,4-D (2,4-Dichlorophenoxyacetic acid)		94-75-7	NE	NE	0.02 U	0.02 U	0.018 U	NA	0.199 U	NA	NA	0.018 U	NA	NA
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)		93-76-5	NE	NE	0.02 U	0.02 U	0.018 U	NA	0.199 U	NA	NA	0.018 U	NA	NA
2,4,5-TP (Silvex)		93-72-1	3.8	1000	0.02 U	0.02 U	0.018 U	NA	0.199 U	NA	NA	0.018 U	NA	NA
Metals	mg/kg													
Aluminum		7429-90-5	NE	NE	**6350**	**6320**	**3700**	**7010**	**2540**	**8840**	**6100**	**7970**	**4730**	**3180**
Antimony		7440-36-0	NE	NE	**2.12 J**	**3.7 J**	**13.8**	**3.64**	**2.11**	**0.938**	**0.824**	**0.828**	**4.13**	0.63 U
Arsenic		7440-38-2	13	16	**8.34**	**8.53**	**6.69**	**18.9**	**6.61**	**4.34**	**11.2**	**4.12**	**1.38**	**0.667**
Barium		7440-39-3	350	10000	**103**	**102**	**198**	**56.1**	**44.3**	**174**	**75.3**	**71.2**	**40.9**	**16.6**
Beryllium		7440-41-7	7.2	2700	**0.572 J**	**0.605 J**	**0.29 J**	1 U	**0.687**	**1.17**	**0.314 J**	**1.14**	**0.363 J**	0.63 U
Cadmium		7440-43-9	2.5	60	**0.418 J**	**0.508 J**	**0.692**	**13.6**	**0.287 J**	**0.229 J**	0.708 U	**0.168 J**	0.578 U	0.63 U
Calcium		7440-70-2	NE	NE	**2910**	**4300**	**5460**	**24300**	**873**	**13500**	**10000**	**2120**	**5870**	**1070**
Chromium		7440-47-3	NE	NE	**22**	**23.1**	**19.4**	**15.2**	**10.9**	**21.2**	**13.3**	**28.9**	**89.9**	**7.45**
Hexavalent Chromium (Cr VI)		18540-29-9	1	800	1.21 UJ	1.21 UJ	1.13 U	1.86 U	1.27 U	1.21 U	1.32 U	1.12 U	1.1 U	1.19 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

				Location Name	GPEC-SB345	GPEC-SB345	GPEC-SB/PZ-346	GPEC-SB346	GPEC-SB347	GPEC-SB347	GPEC-SB347	GPEC-SB348	GPEC-SB348	GPEC-SB348
				Sample Name	GPEC-SB345 (5-5.5)	GPEC-SB500 (5-5.5)	GPEC-SB/PZ346	GPEC-SB346 (18.5-19.5)	GPEC-SB347 (1.5-2)	GPEC-SB347 (9-10)	GPEC-SB347 (22-23)	GPEC-SB348 (5-5.5)	GPEC-SB348 (12.5-13)	GPEC-SB348 (29.5-30)
				Start Depth	5	5	5.5	18.5	1.5	9	22	5	12.5	29.5
				End Depth	5.5	5.5	6	19.5	2	10	23	5.5	13	30
				Depth Unit	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	3/9/2015	3/9/2015	3/12/2015	4/8/2015	3/18/2015	4/1/2015	4/1/2015	3/19/2015	3/30/2015	3/30/2015
				Parent Sample		GPEC-SB-345 (5-5.5)								
Analyte	**Units**	**CAS No.**	**Unrestricted SCO**	**Industrial SCO**										
Cobalt		7440-48-4	NE	NE	**6.68**	**6.21**	**3.96**	**11.5**	**3.39**	**6.1**	**5.85**	**10.3**	**4.45**	**2.8**
Copper		7440-50-8	50	10000	**98.3**	**111**	**116**	**58.3**	**86.7**	**50.2**	**63**	**83.6**	**18.2**	**7.11**
Iron		7439-89-6	NE	NE	**22700**	**22400**	**12200**	**56400**	**7520**	**17300**	**21200**	**24800**	**13800**	**7450**
Lead		7439-92-1	63	3900	**190**	**248**	**302**	**94.4**	**239**	**152**	**132**	**205**	**472**	**1.95**
Magnesium		7439-95-4	NE	NE	**2570**	**3130**	**1500**	**3740**	**360**	**2570**	**2710**	**2280**	**4410**	**1350**
Manganese		7439-96-5	1600	10000	**299**	**325**	**181**	**706**	**75.2**	**305**	**247**	**442**	**256**	**144**
Mercury		7439-97-6	0.18	5.7	**0.238 J**	**0.863 J**	**0.656**	**0.901**	**0.095**	**2.42 J**	**1.5 J**	**0.127**	**0.03**	0.0065 U
Nickel		7440-02-0	30	10000	**19.7**	**20.2**	**12.5**	**25**	**13.5**	**17**	**13.9**	**46.4**	**9**	**6.73**
Potassium		7440-09-7	NE	NE	**1120**	**1060**	**592**	**1500**	**252**	**1010**	**746**	**1200**	**685**	**469**
Selenium		7782-49-2	3.9	6800	**2.44**	**2.12**	**1.77**	**1.35**	**1.18**	**1.24**	**1.64**	**1.78**	**0.938**	0.63 U
Silver		7440-22-4	2	6800	**0.204 J**	**0.234 J**	**0.258 J**	1 U	**0.173 J**	0.625 U	0.708 U	0.595 U	0.578 U	0.63 U
Sodium		7440-23-5	NE	NE	**97.8**	**146**	**676**	**1750**	**109**	**337**	**378**	**107**	**225**	**227**
Thallium		7440-28-0	NE	NE	**1.23**	**0.241 J**	0.604 U	1 U	**0.183 J**	0.625 U	0.708 U	**0.155 J**	**0.364 J**	**0.191 J**
Vanadium		7440-62-2	NE	NE	**30.8**	**31.8**	**21.5**	**27.4**	**9.11**	**22.8**	**22.3**	**36.3**	**21.7**	**14.6**
Zinc		7440-66-6	109	10000	**183**	**187**	**273**	**10300**	**165**	**128**	**84.9**	**235**	**26.2**	**12.7**
Cyanides	mg/kg													
Free Cyanide		FREECN	NE	NE	3 U	3 U	2.8 U	4.7 U	3.1 U	3 U	3.3 U	2.8 U	2.8 U	3 U
Other														
Total Organic Carbon	mg/kg	TOC	NE	NE	**9240**	**13200**	**14300**	**32500**	**296000**	**12600**	**56800**	**4770**	**2410**	1000 U

Table 1. Greenpoint Phase II
2015 Soil Analysis Results
National Grid
Brooklyn, NY

Notes:

mg/kg = milligrams/kilogram or parts per million (ppm)

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes
PAH = Polycyclic Aromatic Hydrocarbon
PCB = Polychlorinated Biphenyl
SVOC = Semi-Volatile Organic Compound
VOC = Volatile Organic Compound

Total BTEX, Total PAHs, Total SVOCs, and Total PCBs are calculated using detects only.
Total PAH16 is calculated using the EPA16 list of analytes: Acenaphthene, Acenaphthylene, Anthracene, Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[g,h,i]perylene, Benzo[k]fluoranthene, Chrysene, Dibenz[a,h]anthracene, Fluoranthene, Fluorene, Indeno[1,2,3-cd]pyrene, Naphthalene, Phenanthrene, and Pyrene
Total PAH17 is calculated using the EPA16 list of analytes plus 2-Methylnaphthalene

6 NYCRR = New York State Register and Official Compilation of Codes, Rules and Regulations of the State of New York
Comparison of detected results are performed against the following NYCRR, Chapter IV, Part 375-6 Soil Cleanup Objectives (SCO)s: Unrestricted Use and Industrial Use
*1000 ppm total PAH SCO for non-residential sites (Industrial), per NYSDEC CP-51 / Soil Cleanup Guidance, Section V(H).

CAS No. = Chemical Abstracts Service Number
MGP = Manufactured Gas Plant
ND = Not Detected
NE = Not Established
NA = Not Analyzed
NYSDEC = New York State Department of Environmental Conservation

Bolding indicates a detected result concentration
Gray shading and bolding indicates that the detected result value exceeds the Unrestricted SCO
Yellow shading and bolding indicates that the detected result value exceeds the Industrial SCO

Data Qualifiers:
C = Results confirmed by re-analysis
D = The result is for a diluted sample.
J = The result is an estimated value.
R = The result is rejected.
U = The result was not detected above the reporting limit.
UJ = The results was not detected at or above the reporting limit shown and the reporting limit is estimated.

DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB302

GROUND SURFACE ELEVATION (FT): 11.82 **LOCATION:** Area 4
NORTHING (FT): 687470 **EASTING (FT):** 650905 **TOTAL DEPTH (FT):** 75.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Devin Byrne **DATE START / END:** 7/23/2015 - 7/23/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.00 7/23/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10								
▽	5							
5								
		S1	2/0					(8'- 10') Hard obtrusion at 5.5'. Verified utility clearance and pushed to 10'. Likely concrete rubble. No recovery.
	10	S2	5/31	0.1 0.0 0.3 0.0 0.0 0.3		OLO OLO		(10'- 14.2') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subangular; max. size 2", moderate organic-like odor, wet, brown black, loose.
0								(14.2'- 15') SILTY SAND (SM); ~70% sand, fine to medium, ~30% fines; moderate organic-like odor, greenish blue, loamy, slight to moderate septic odor.
	15	S3	5/49	0.0 0.0		OLO		(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse, subrounded; max. size 3", slight organic-like odor, wet, black, loose.
-5								
	20	S4	5/51	39.2 81.0 16.0 29.2 7.0 70.1 64.2 76.7		OLO OLO	GPEC-SB-302 (20-21)	(20'- 20.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~90% sand, ~5% gravel, subrounded, ~5% fines; max. size 1.5", moderate organic-like odor, wet, black, loose, slight-moderate organic/septic odor.
-10								(20.8'- 25') PEAT (PT); moderate organic-like odor, brown, meadow mat, slight-moderate organic/septic odor, firm.
	25							

NOTES:

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NA = NOT APPLICABLE
NM = NOT MEASURED

Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

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OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

DRAFT

GEI Consultants

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Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
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BORING LOG

GPEC-SB302

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60	18.9				(25'- 27.4') NARROWLY GRADED SAND WITH SILT (SW-SM); ~80% sand, fine to medium, ~20% fines, non plastic; moist, gray, firm.
				4.7				
				3.9				
-15				1.6				
				1.9				(27.4'- 29') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines; moist, gray, loose.
				1.2				
				0.8				
				0.6				(29'- 30') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines; moist, gray.
				0.6				
	30	S6	5/49	1.1				(30'- 33.5') NARROWLY GRADED SAND WITH CLAY (SP-SC); ~70% sand, fine to medium, ~30% fines, non plastic; moist, gray, firm.
				0.9				
-20				0.0				
				0.0				(33.5'- 35') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; moist, gray, loose.
	35	S7	5/48					(35'- 40') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; moist, gray brown, loose.
-25				0.0				
				0.0				
	40	S8	5/49					(40'- 45') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; moist, light brown, loose.
-30				0.0				
				0.0				
	45	S9	5/41					(45'- 50') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; wet, light brown, loose.
-35				0.0				
				0.0				
	50	S10	5/49					(50'- 55') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; wet, light brown, loose.
-40				0.0				
				0.0				
	55	S11	5/8					(55'- 60') NARROWLY GRADED SAND WITH SILT (SP-SM);

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB302

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
-45				0.0				~90% sand, fine to medium, ~10% fines, non plastic; wet, light brown, loose.
				0.0				
	60	S12	5/48					(60'- 63.8') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; wet, light brown, loose, trace mica.
-50				0.0				
				0.0				(63.8'- 65') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse; max. size 0.5", brown, loose.
	65	S13	5/41					(65'- 70') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse; max. size 0.5", brown, loose.
-55				0.0				
				0.0				
	70	S14	5/55					(70'- 75') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse; max. size 0.5", brown, loose.
-60				0.0				
				0.0			GPEC-SB-302 (74-75)	
	75							End of Boring at 75 feet. Grout to surface. Piezometer (7-17') installed at adjacent location.

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB304

GROUND SURFACE ELEVATION (FT): 14.36 **LOCATION:** Area 5
NORTHING (FT): 687200 **EASTING (FT):** 649221 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 3/31/2015 - 3/31/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.00 3/31/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
				6.3					
▽									
10				9.3					
	5								
				50.7					
		S1	2/24	961			TLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to medium, subangular to angular, ~15% gravel, fine to coarse, angular to subrounded, ~5% fines; moderate tar-like odor, wet, black, liner smeared with NAPL, viscous, tar-like saturation, sheen.
5	10	S2	5/42	700					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, ~15% gravel, ~5% fines; moderate tar-like odor, wet, black, liner smeared with NAPL, viscous, tar-like saturation, sheen.
				409					
				732			TLO		
				552					
				826					
0				953					
				85.3					
	15	S3	5/42	1601			TLO	GPEC-SB/PZ-304 (15-16)	(15'- 16.4') WIDELY GRADED SAND WITH GRAVEL (SW); moderate tar-like odor, wet, black, liner smeared with NAPL, viscous, tar-like saturation, sheen.
				810					
				212					(16.4'- 20') WIDELY GRADED SAND WITH GRAVEL (SW).
				104					
				67.7					
				18.4					
-5				8.3					
	20	S4	5/20						(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to medium, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; moist, gray to brown.
-10									
	25								

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB304

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/12						(25'- 30') ORGANIC SOIL WITH SAND (OL); some root, trace peat.
-15	30			23.6				GPEC-SB/PZ-304 (29-30)	

End of Boring at 30 feet.
Grout to surface.

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB304A

GROUND SURFACE ELEVATION (FT): 14.87 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687206 **EASTING (FT):** 649210 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ∇ 3.00 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
∇				0.9				
10	5			75				
				38				
		S1	2/24	151			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, red bricks, wood chips, fill.
5	10	S2	5/20	1771			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, tar-like material observed saturated (low viscosity), red bricks, wood chips, fill, liner smeared with NAPL.
				477				
				396				
				409				
0	15	S3	5/24	153			TLO	(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, less tar-like material saturation (low viscosity), red bricks, wood chips, fill, liner smeared with NAPL.
				65				
				54				
				21				
-5	20	S4	5/58	475			TLO	(20'- 21.6') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, less tar-like material saturation (low viscosity), red bricks, wood chips, fill, liner smeared with NAPL.
				396			OLO	(21.6'- 25') PEAT (PT); moderate organic-like odor, moist, gray, root fibers.
				56				
				21.6				
	25			18.1				

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ENVIRONMENTAL BORING LOG_GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB304A

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
								End of Boring at 25 feet. Grout to surface.

NOTES:

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CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

PAGE 1 of 2

GPEC-SB304B

GROUND SURFACE ELEVATION (FT): 14.20 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687211 **EASTING (FT):** 649238 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.00 5/8/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
▽				121				
10								
	5			85				
		S1	2/12	475			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, brown to black, wood chips, red bricks, fill.
5	10	S2	5/42	75 103 111 378 65 49.5 13.1			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, brown to black, tar like material saturation, black sleeve smeared with tar-like material, sheen NAPL on water, wood chips, red bricks, fill.
0	15	S3	5/46	25.1 49 62 174 18 0.9 0.6			TLO	(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, tar like material saturation, black sleeve smeared with tar-like material, sheen NAPL on water, wood chips, red bricks, fill.
-5	20	S4	5/60	58 79 30 25 12 30 8.5 0.9			TLO OLO	(20'- 21') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, tar like material saturation, black sleeve smeared with tar-like material, sheen NAPL on water, wood chips, red bricks, fill. (21'- 23.3') PEAT (PT); moist, brown, meadow mat. (23.3'- 24.3') ORGANIC SOIL (OL); black to brown. (24.3'- 24.8') SILTY CLAY (CL-ML); moderate organic-like odor, moist,
-10	25							

NOTES:

PEN = PENETRATION LENGTH OF SAMPLER OR CORE BARREL
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JHS = JAR HEADSPACE PID READING (PPM)

NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
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BORING LOG

GPEC-SB304B

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
				1.1 0.9				gray. (24.8'- 25') NARROWLY GRADED SAND (SP); ~95% sand, fine, ~5% fines; wet, gray. End of Boring at 25 feet. Grout to surface.

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BORING LOG

GPEC-SB304C

GROUND SURFACE ELEVATION (FT): 13.77 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687184 **EASTING (FT):** 649231 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 7.50 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
				5.6				
10								
	5			47				
▽				8.7				
5		S1	2/15	9.5			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, angular to subangular, ~5% fines; max. size 1.5", slight tar-like odor, moderate tar-like odor, wet, black.
	10	S2	5/20	1770 817 951 341			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, angular to subangular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen on water, sleeve/liner staining with tar-like material, wooden chips.
0								
	15	S3	5/40	9.6 53 48 32 21.5 1.9			TLO	(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, angular to subangular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen observed, blebs, soil staining, sleeve/liner staining with tar-like material, wooden chips.
-5								
	20	S4	5/60	209 417 487 319 271 189 719 256			TLO	(20'- 23.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, angular to subangular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen observed, blebs, soil staining, sleeve/liner staining with tar-like material, wooden chips.
-10							OLO	(23.8'- 25') PEAT (PT); moderate organic-like odor, moist, meadow mat, fibrous root.
	25							

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IN. = INCHES
FT. = FEET

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Suite 201
Glastonbury, CT 06033
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB304C

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
				119 86				End of Boring at 25 feet. Grout to surface.

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IN. = INCHES
FT. = FEET

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DRAFT

GEI Consultants

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455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

PAGE 1 of 1

GPEC-SB304D

GROUND SURFACE ELEVATION (FT): 13.78 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687151 **EASTING (FT):** 649197 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 7.50 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10				10.9				
	5			5.6				
▽								
5		S1	2/10	7.1			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, slight tar-like odor, wet, black, trace sheen on water.
	10	S2	5/30	39.1 40.5 109 45 39 22			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, blebs/staining/sheen on water, wood chips/red bricks.
0								
	15	S3	5/32	17.5 165.9 75.6 103.1 117.6 110.3 85.5 78.6			TLO	(15'- 19.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; max. size 1.5", moderate tar-like odor, wet, black, blebs/staining/sheen on water, wood chips/red bricks.
-5								
	20							(19.8'- 20') PEAT (PT); meadow mat. End of Boring at 20 feet. Grout to surface.

NOTES:

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GEI Consultants

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455 Winding Brook Drive
Suite 201
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

PAGE 1 of 1

GPEC-SB304E

GROUND SURFACE ELEVATION (FT): 13.53
LOCATION: Area 5 North of Holder 1
NORTHING (FT): 687184 **EASTING (FT):** 649231
TOTAL DEPTH (FT): 20.0
DRILLED BY: Zebra / Carlos Hernandez
DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi
DATE START / END: 6/30/2015 - 6/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ∇ 5.50 6/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10				307				
	5			122				
∇				105				
5		S1	2/24	149			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; wood chips, red brick fragments, max. size 1.5, moderate tar-like odor, wet, brown with black, fill, soil staining with tar-like mat, sheen observed.
	10	S2	5/NM	301				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; wood chips, red brick fragments, max. size 1.5, strong tar-like odor, wet, brown with black, liner smeared with NAPL viscous tar-like mat, tar-like saturated soil observed.
				407			TLO	
				489				
0				322				
				109				
	15	S3	5/48					(15'- 19.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; wood chips, red brick fragments, max. size 1.5, strong tar-like odor, wet, brown with black, liner smeared with NAPL viscous tar-like mat, tar-like saturated soil observed.
				122				
				178				
				277			TLO	
				246				
-5				266				
				99				
				5.6				
	20			4.1				(19.8'- 20') PEAT (PT); moist, brown, meadow mat.

End of Boring at 20 feet.
Grout to surface.

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DRAFT

GEI Consultants

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455 Winding Brook Drive
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BORING LOG

PAGE 1 of 1

GPEC-SB304F

GROUND SURFACE ELEVATION (FT): 13.99 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687241 **EASTING (FT):** 649199 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra / Carlos Hernandez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 6/30/2015 - 6/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ▽ 3.00 6/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
▽				0.6				
10								
	5			1.5				
				0.9				
		S1	2/24	1.5				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, subangular, ~20% gravel, coarse, angular to subangular, ~5% fines; red brick fragments, max. size 1.5, wet, black.
5								
	10	S2	5/38					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, subangular, ~20% gravel, coarse, angular to subangular, ~5% fines; red brick fragments, trace shell fragments, max. size 1.5, wet, black, fill.
				1.3				
				19.1				
				23.3				
0				12.1				
	15	S3	5/48					(15'- 19.2') WIDELY GRADED SAND WITH GRAVEL (SW); fine to coarse, angular to subangular; glass and red brick fragments, slight tar-like odor, wet, gray with brown, fill, slight sheen, no soil staining.
				1.5				
				2.3			TLO	
				1.8				
				6.1				
-5				5.1				
	20							(19.2'- 20') PEAT (PT); moist, meadow mat, fibrous.

End of Boring at 20 feet.
Grout to surface.

NOTES:

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BORING LOG

PAGE 1 of 1

GPEC-SB304G

GROUND SURFACE ELEVATION (FT): 14.24
LOCATION: Area 5 North of Holder 1
NORTHING (FT): 687244 **EASTING (FT):** 649226
TOTAL DEPTH (FT): 23.0
DRILLED BY: Zebra Environmental / Carlos Hernandez
DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi
DATE START / END: 6/30/2015 - 6/30/2015
DRILLING DETAILS: GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ∇ 5.50 6/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10	5							
∇								
		S1	2/24					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, angular to subangular, ~25% gravel, fine to coarse, angular to subangular; red brick fragments, cinder, scrap metal fragments, max. size 2", wet, brown, fill.
5	10	S2	5/44	11.9 22.4 150.1 175.9 214 195.6 12.6 9.1			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, angular to subangular, ~25% gravel, fine to coarse, angular to subangular; red brick fragments, cinder, scrap metal fragments, max. size 2", moderate tar-like odor, wet, black, tar-like mat staining soil, sheen.
0	15	S3	5/10	92.6 130			TLO	(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, angular to subangular, ~25% gravel, fine to coarse, angular to subangular; red brick fragments, cinder, scrap metal fragments, max. size 2", moderate tar-like odor, wet, black, blebs, soil staining, sheen, tar-like mat observed.
-5	20	S4	3/36	12.6 59.7 195.0 238 9.1 6.5			TLO	(20'- 21.2') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, angular to subangular, ~25% gravel, fine to coarse, angular to subangular; red brick fragments, cinder, scrap metal fragments, max. size 2", moderate tar-like odor, wet, black, blebs, soil staining, sheen, tar-like mat observed. (21.2'- 23') PEAT (PT); moist, gray with brown, meadow mat. End of Boring at 23 feet. Grout to surface.

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ALO = ASPHALT LIKE ODOR

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OLO = ORGANIC LIKE ODOR
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DRAFT

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455 Winding Brook Drive
Suite 201
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BORING LOG
PAGE 1 of 1
GPEC-SB304H

GROUND SURFACE ELEVATION (FT): 14.19 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687236 **EASTING (FT):** 649185 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Carlos Hernandez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 6/30/2015 - 6/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ▽ 3.00 6/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
▽				0.0				
10	5			0.0				
				0.0				
5	10	S1	2/24	0.0				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; red brick fragments, wood chip fragments, max. size 0.5", wet, brown and gray, fill.
		S2	5/34	2.9				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, ~15% gravel, coarse, ~5% fines; red brick fragments, max. size 2", slight tar-like odor, wet, black gray, fill, trace sheen.
				3.1			TLO	
0				0.7				
				0.4				
	15	S3	5/60	1.6				(15'- 19.6') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, ~15% gravel, coarse, ~5% fines; red brick fragments, max. size 2", moderate tar-like odor, wet, black, fill, sheen observed, soil staining.
				4.1				
				5.6				
				6.7			TLO	
				5.1				
				4.9				
-5				10.1				
				30.7				
	20			4.5				(19.6'- 20') PEAT (PT); moist, meadow mat, fibrous.
				2.9				End of Boring at 20 feet.
								Grout to surface.

NOTES:

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S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

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ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB304I

GROUND SURFACE ELEVATION (FT): 14.20 **LOCATION:** Area 5 North of Holder 1
NORTHING (FT): 687216 **EASTING (FT):** 649252 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Carlos Hernandez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 6/30/2015 - 6/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ∇ 3.00 6/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
∇				669				
10	5			759				
				501				
5	10	S1	2/24	436			TLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; red brick fragments, max. size 1.5", moderate tar-like odor, wet, brown with black, soil staining, sheen observed, fill.
		S2	5/24	209			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; red brick fragments, max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen observed, fill.
				285				
				314				
0				175				
				149				
	15			125				
		S3	5/0					(15'- 20') No recovery.
-5	20	S4	5/20	175			TLO	(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; red brick fragments, max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen observed, fill.
				109				
-10				75				
	25							

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB304I

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	25	S5	5/30					
				170			TLO	(25'- 28') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; red brick fragments, max. size 1.5", moderate tar-like odor, wet, black, soil staining, sheen observed, fill.
				76				
				30				(28'- 30') PEAT (PT); moderate organic-like odor, moist, brown, fibrous, meadow mat.
-15				6.9			OLO	
	30			5.7				

End of Boring at 30 feet.
Grout to surface.

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DRAFT

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455 Winding Brook Drive
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Glastonbury, CT 06033
(860) 368-5300

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BORING LOG

GPEC-SB304S

GROUND SURFACE ELEVATION (FT): 14.00 **LOCATION:** Area 5
NORTHING (FT): 687212 **EASTING (FT):** 649230 **TOTAL DEPTH (FT):** 35.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Devin Byrne **DATE START / END:** 7/29/2015 - 7/30/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.00 7/29/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10	5							
▽								
5	10	S1	2/60	401 398 398 421			NLO	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, ~5% fines; slight naphthalene-like odor, dry, black brown, tar-like saturated soil 0-40", free floating NAPL with sheen.
		S3	5/46	44 67 115 298 702 424 298 301			NLO	(10'- 14.3') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, ~5% fines; strong naphthalene-like odor, wet, black to brown, tar-like saturated soil 0-40", free floating NAPL with sheen.
0	15	S4	5/44	542 816 293 81 46 37 32				(14.3'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, ~5% fines; max. size 3", dry, black, stained with tar-like material, sand & gravel, cobbles, trace coal fragments. (15'- 16.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, ~5% fines; max. size 3", wet, black, tar saturated, NAPL with sheen. (16.8'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~15% fines; max. size 3", moist, brown to black, stained with some sheen.
-5	20	S5	5/57	76 84 52 56 37 21 29 11			NLO	(20'- 20.9') WIDELY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~15% fines; max. size 3", moist, brown to black, lightly coated with tar-like material from 0-10". (20.9'- 25') WIDELY GRADED SAND WITH SILT AND GRAVEL (SP-SM); subrounded; max. size 3", slight naphthalene-like odor, moist, brown gray, intermittent light staining, cobbles.
-10	25							

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB304S

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	25	S6	5/0	9 6				(25'- 30') no recovery.
-15								
	30	S7	5/60	36 7 9.3 29 3.7 5.8 5.2 8.4 2.8 1.9				(30'- 35') SILTY SAND (SM); ~60% sand, fine to medium, ~40% fines, non plastic; wet, gray.
-20								
	35							End of Boring at 35 feet. Grout to surface.

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GEI Consultants

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455 Winding Brook Drive
Suite 201
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BORING LOG

PAGE 1 of 1

GPEC-SB305

GROUND SURFACE ELEVATION (FT): 17.58 **LOCATION:** Area 5
NORTHING (FT): 687269 **EASTING (FT):** 649292 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 3/31/2015 - 3/31/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 4.00 3/31/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
15				0.1					
▽	5			0.1					
10				0.0					
		S1	2/24						(8'- 10') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to medium, ~15% gravel, fine, subangular to angular, ~10% fines; red brick fragments, max. size 1", moist, black to brown, fill.
	10	S2	5/28	0.1					(10'- 15') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to medium, ~15% gravel, fine, subangular to angular, ~10% fines; red brick fragments, max. size 1", moist, black to brown, fill.
				0.1					
				0.3					
5				0.4					
				0.7					
				0.4					
				0.3					
	15	S3	5/32	0.1					(15'- 17.5') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, ~15% gravel, ~10% fines; moderate tar-like odor, moderate petroleum-like odor, moist, black, some sheen, some soil staining.
				0.5			TLO		
				0.4					
0				6.4					(17.5'- 20') PEAT (PT); moderate organic-like odor, moist, fibrous.
				33.1					
				187			OLO	GPEC-SB/PZ-305 (18.5-19.5)	
				40.9					
	20								End of Boring at 20 feet. Piezometer installed upon completion. Screened 2'-12'.

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB306

GROUND SURFACE ELEVATION (FT): 11.96 **LOCATION:** Area 4
NORTHING (FT): 687360 **EASTING (FT):** 650607 **TOTAL DEPTH (FT):** 75.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Devin Byrne **DATE START / END:** 7/21/2015 - 7/21/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.00 7/21/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10									
▽	5								
5									
		S1	2/21	12.4 22.0 18.7			PLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; max. size 3", moderate petroleum-like odor, moist, brown, loose.
	10	S2	5/20	103 237 239 315 420			PLO		(10'- 15') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~80% sand, fine to coarse, ~10% gravel, fine to coarse, subangular, ~10% fines, non plastic; max. size 2.5", moderate petroleum-like odor, moist, brown to black, loose, color change brown to black at 8", lightly coated with petroleum-like product.
0									
	15	S3	5/48	670 666 342 840 550 620 756			PLO PLO PLO		(15'- 16') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, subrounded to subangular; max. size 3", moderate petroleum-like odor, moist, black, loose, moderate to strong petroleum-like odor. (16'- 18.1') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, subrounded to subangular; max. size 3", moderate petroleum-like odor, moist, dark brown/black stained, light-moderate petroleum-like coating, moderate to strong petroleum-like odor.
-5									
	20	S4	5/0				PLO		(18.1'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, subrounded to subangular; max. size 3", moderate petroleum-like odor, moist, brown, dark brown/black stained, light-moderate petroleum-like coating, moderate to strong petroleum-like odor. (20'- 25') moderate petroleum-like odor, No recovery.
-10									
	25								

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GEI Consultants

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BORING LOG

GPEC-SB306

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/36	104 242 212 392 288 196			PLO		(25'- 30') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, subrounded to subangular; max. size 3", moderate petroleum-like odor, moist, brown gray, loose, loose, moderate to strong petroleum-like odor.
-15									
	30	S6	5/26	78 100 122 214			PLO		(30'- 35') WIDELY GRADED SAND WITH GRAVEL (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse; max. size 2", moderate petroleum-like odor, wet, brown gray, loose, slight-moderate petroleum-like odor.
-20									
	35	S7	5/36	182 149 190 111 94 101			PLO		(35'- 40') WIDELY GRADED SAND WITH GRAVEL (SW); ~95% sand, fine to coarse, ~5% gravel, fine to coarse; max. size 2", moderate petroleum-like odor, wet, gray, loose, slight-moderate petroleum-like odor.
-25									
	40	S8	5/37	10.8 46.7 42.0 27.0 13.0 16.0			PLO		(40'- 45') NARROWLY GRADED SAND WITH SILT (SP-SM); ~90% sand, fine to medium, ~10% fines, non plastic; moderate petroleum-like odor, moist, gray.
-30									
	45	S9	5/51	16.2 4.4 0.0 0.0 0.0 0.0 0.0 0.0					(45'- 50') NARROWLY GRADED SAND (SP); ~80% sand, fine to medium, ~20% fines, non plastic; moist, gray, firm.
-35									
	50	S10	5/42	4.6 0.0 0.0 0.0 0.0 0.0 0.0					(50'- 55') NARROWLY GRADED SAND (SP); ~80% sand, fine to medium, ~20% fines, non plastic; moist, brown to gray, firm.
-40									
	55	S11	5/0						(55'- 60') No recovery.

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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BORING LOG

GPEC-SB306

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
-45									
	60	S12	5/18						(60'- 65') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines, non plastic; moist, gray brown, loose.
-50				7.2					
				4.1					
				1.4					
	65	S13	5/0						(65'- 70') No recovery.
-55									
	70	S14	5/32						(70'- 75') WIDELY GRADED SAND (SW); ~95% sand, fine to coarse, ~5% fines, non plastic; wet, gray brown, loose.
-60				0.0					
				0.0					
				0.0					
				0.0					
				0.0					
				0.0				GPEC-SB-306 (74-75)	
	75								End of Boring at 75 feet. Monitoring well installed 65-75'. Piezometer (1-11') and monitoring well (30-40') installed at adjacent locations.

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB307

GROUND SURFACE ELEVATION (FT): 13.07 **LOCATION:** Area 5 Holder 1 Surface
NORTHING (FT): 686999 **EASTING (FT):** 649304 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.50 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10 ▽									
	5			0.0					
5		S1	2/0						(8'- 10') No recovery.
	10	S2	5/48	22 17.9 60.2 18.9 8.5 5.0 10.9			TLO	GPEC-SB-307 (11-12)	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~25% gravel, fine to coarse, subangular, ~5% fines; red bricks fragments, wood chip fragments, max. size 1.5", moderate tar-like odor, wet, black gray, some spotted sheen, trace soil staining, fill.
0									
	15	S3	5/36	0.0 0.0 0.0 0.0 0.0 0.0					(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, subangular, ~15% fines; max. size 1.5", wet, gray.
-5									
	20	S4	5/34	0.0 0.0 1.5 0.4 7.5 1.5 6.1				GPEC-SB-307 (23.5-24.5)	(20'- 23.5') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, subangular, ~15% fines; max. size 1.5", wet, gray.
-10									
	25								

NOTES:

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JHS = JAR HEADSPACE PID READING (PPM)

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NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB307

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
									End of Boring at 25 feet. Grout to surface.

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

PAGE 1 of 1

GPEC-SB308

GROUND SURFACE ELEVATION (FT): 13.58 **LOCATION:** Area 5
NORTHING (FT): 687025 **EASTING (FT):** 649466 **TOTAL DEPTH (FT):** 11.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/2/2015 - 4/2/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.00 4/2/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
				0.6					
▽				0.9					
10				2.4					
	5			4.2					
				14.2					
				25					
5		S1	2/24						(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular; some red brick fragments, max. size 2", moderate tar-like odor, wet, brown, tar-like staining, some sheen.
				10.5			TLO	GPEC-SB-308 (9-10)	
	10	S2	1/12				TLO		(10'- 11') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular; some red brick fragments, max. size 2", moderate tar-like odor, wet, brown, sheen and blebs observed.

End of Boring at 11 feet.
Refusal at 11 feet.
Grout to surface

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DRAFT

GEI Consultants, Inc. P.C.
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Glastonbury, CT 06033
(860) 368-5300

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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

PAGE 1 of 1

GPEC-SB308A

GROUND SURFACE ELEVATION (FT): 13.68 **LOCATION:** Area 5 SE of Holder 1
NORTHING (FT): 687037 **EASTING (FT):** 649472 **TOTAL DEPTH (FT):** 16.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 4.50 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10	5							
5		S1	2/0					(8'- 10') No recovery.
	10	S2	5/20	1.6 22.7 11.1			TLO	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, subangular, ~20% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate tar-like odor, wet, brown, trace soil staining with tar-like mat, some sheen.
0	15	S3	1/6	1.6 0.0 0.0			TLO	(15'- 15.25') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, subangular, ~20% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate tar-like odor, wet, brown, trace soil staining with tar-like mat, some sheen. (15.25'- 15.5') concrete fragments. End of Boring at 16 feet. Refusal at 16 feet. Grout to surface.

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SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

PAGE 1 of 1

GPEC-SB309

GROUND SURFACE ELEVATION (FT): 11.62 **LOCATION:** Area 4
NORTHING (FT): 687271 **EASTING (FT):** 649837 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Bob Burgwa, Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/3/2015 - 4/3/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 7.00 4/3/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10				0.0				
	5			0.0				
▽ 5				0.0				
		S1	2/18	0.0			GPEC-SB/PZ-309 (8.5-9.5)	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, ~15% gravel, ~5% fines; wood chip/red brick fragments, cinder and glass fragments, max. size 2", wet, fill.
	10	S2	5/22	0.0				(10'- 15') wet, brown to gray.
0				0.0				
				0.0				
				0.0				
				0.0				
	15	S3	5/42			OLO		(15'- 15.7') shell fragments, moderate organic-like odor, wet, black gray, fill.
-5				0.8			GPEC-SB/PZ-309 (16-17)	(15.7'- 20') PEAT (PT); root fragments, moderate organic-like odor, moist, brown, fibrous meadow mat.
				0.7				
				0.1				
				1.1				
				3.3		OLO		
				4.5				
				0.7				
				7.1				
	20							End of Boring at 20 feet. Piezometer installed upon completion. Screened 5'-15'.

NOTES:

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

PAGE 1 of 1

GPEC-SB310

GROUND SURFACE ELEVATION (FT): 10.78 **LOCATION:** Area 4
NORTHING (FT): 687212 **EASTING (FT):** 649895 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/7/2015 - 4/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 5.00 4/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
10	0								(0'- 8') Vacuum/Hand Cleared.
				5.6					
				4.9					
				8.1					
▽ 5	5			5.1					
				51.2					
		S1	2/24	15.9					
				18.1			TLO	GPEC-SB-310 (9-10)	(8'- 10') SILTY SAND WITH GRAVEL (SM); ~50% sand, fine to coarse, subangular, ~35% fines, ~15% gravel, coarse, subangular; wood chips and fragments, max. size 1.5", slight tar-like odor, moderate tar-like odor, wet, gray, some sheen, fill.
0	10	S2	5/50	0.9					(10'- 13') SILTY SAND WITH GRAVEL (SM); ~50% sand, fine to coarse, subangular, ~35% fines, ~15% gravel, coarse, subangular; wood chips and fragments, max. size 1.5", slight tar-like odor, moderate tar-like odor, wet, gray, some sheen, fill.
				0.4			TLO		
				14					
				6.5					
				5.1					
				5.6					(13'- 13.5') ORGANIC SOIL (OL); black.
				7.0				GPEC-SB-310 (13.5-14.5)	(13.5'- 15') ELASTIC SILT (MH); moist.
				4.5					
	15			3.9					

End of Boring at 15 feet.
Grout to surface.

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SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB311

GROUND SURFACE ELEVATION (FT): 12.25 **LOCATION:** Area 4
NORTHING (FT): 687447 **EASTING (FT):** 650187 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/7/2015 - 4/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.00 4/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
				19.5					
				20.1					
10 ▽				551					
				409					
				419					
	5			609					
5									
		S1	2/24	565			PLO	GPEC-SB/PZ-311 (9-10)	(8'- 10') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines; max. size 1.5", moderate petroleum-like odor, wet, brown, some sheen observed.
	10	S2	5/34	301			PLO		WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines; max. size 1.5", moderate petroleum-like odor, wet, some sheen observed.
				229					
0				214					
				85					
				195					
				111					
				105					
	15	S3	5/28	2.5			PLO		(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines; max. size 1.5", moderate petroleum-like odor, wet, some sheen observed.
				0.9					
-5				0.3					
				0.4					
				1.1					
	20	S4	5/42	0.3			PLO		(20'- 21.9') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines; max. size 1.5", moderate petroleum-like odor, wet, some sheen observed.
				4.2					
-10				15.1				GPEC-SB/PZ-311 (22-23)	
				4.1					
				2.5			OLO		(21.9'- 24.8') ELASTIC SILT (MH); moderate organic-like odor, moist, trace root fiber, trace peat.
				1.7					
	25								

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DRAFT

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Suite 201
Glastonbury, CT 06033
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB311

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
							OLO		(24.8'- 25') PEAT (PT); moderate organic-like odor, moist.

End of Boring at 25 feet.
Piezometer installed upon completion. Screened 2'- 12'.

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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BORING LOG
PAGE 1 of 1
GPEC-SB313

GROUND SURFACE ELEVATION (FT): 15.34 **LOCATION:** Area 5
NORTHING (FT): 686922 **EASTING (FT):** 648821 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/1/2015 - 4/1/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ∇ 4.50 4/1/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
15	0							(0'- 8') Vacuum/Hand Cleared.
				0.0				
10	5			0.0				
		S1	2/16	0.0				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~85% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse; trace concrete fragments, max. size 1.5", moist to wet, brown, fill.
5	10	S2	5/3	0.0				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~85% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse; trace concrete fragments, max. size 1.5", wet, brown, fill.
0	15	S3	5/60	0.5 1.5 25.1 75.6 16 5.1 207 89.1 4.2		SLO	GPEC-SB-313 (18-19)	(15'- 15.5') WIDELY GRADED SAND WITH GRAVEL (SW); ~85% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse; trace concrete fragments, max. size 1.5", wet, brown, fill. (15.5'- 18.3') FILL; low plasticity; moderate sulfur-like odor, wet, whiteish, soft paint residue-like substance. (18.3'- 19') ORGANIC SOIL (OL); wet, black, some root fibers. (19'- 20') PEAT (PT); meadow mat.
	20							End of Boring at 20 feet. Grout to surface (Bentonite).

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG
PAGE 1 of 1
GPEC-SB314

GROUND SURFACE ELEVATION (FT): 13.12 **LOCATION:** Area 4
NORTHING (FT): 687517 **EASTING (FT):** 650410 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/7/2015 - 4/7/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.00 4/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
▽ 10									
	5			1.8					
5		S1	2/3						(8'- 10') FILL; red brick fragments, trace asphalt, max. size 2", moist.
	10	S2	5/44	49.5 67.8 117 105 209 25.1 17.2 5.1 1.4			PLO	GPEC-SB/PZ-314 (12-13)	(10'- 12.7') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine to medium, ~15% gravel, fine to medium, ~5% fines; cinder, red brick fragments, max. size 0.5", moderate petroleum-like odor, brown black, petroleum like sheen. (12.7'- 15') PEAT (PT); moist, meadow mat, fibrous, trace fine brown sand at the bottom.
0									
	15								End of Boring at 15 feet. Piezometer installed upon completion. Screened 1'- 11'.

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S_V = TORVANE PEAK

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IN. = INCHES
FT. = FEET

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OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB315

GROUND SURFACE ELEVATION (FT): 12.63 **LOCATION:** Area 4
NORTHING (FT): 687445 **EASTING (FT):** 650483 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/8/2015 - 4/8/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 12.00 4/8/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10				6.2					
	5			10.6					
5		S1	2/32	13.1			PLO		(8'- 10') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; slight petroleum-like odor, moderate petroleum-like odor, moist, brown, sheen, some soil staining.
	10	S2	5/42	13.6 25.6			PLO		(10'- 11.9') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; slight petroleum-like odor, moderate petroleum-like odor, moist, brown, sheen, some soil staining.
▽ 0				81.5 79.6 75.1 61.9 51.8			PLO		(11.9'- 15') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; slight petroleum-like odor, moderate petroleum-like odor, wet, brown gray, sheen, some soil staining.
	15	S3	5/48	22.4 60.0 108.5 122.1 84.0			PLO		(15'- 20') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; slight petroleum-like odor, moderate petroleum-like odor, wet, gray black, sheen, some soil staining.
-5									
	20	S4	5/54	54.0 89 122 165 151 108			PLO	GPEC-SB-315 (22-23)	(20'- 25') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; mottled, moderate petroleum-like odor, wet, gray black, sheen, some soil staining.
-10									
	25								

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FT. = FEET

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BORING LOG

GPEC-SB315

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/52						(25'- 30') NARROWLY GRADED SAND (SP); ~90% sand, fine to medium, ~10% gravel, fine; mottled, slight petroleum-like odor, wet, gray black, sheen, some soil staining.
				39					
				5.6					
				54.1					
-15				12.2			PLO		
				22.9					
				339				GPEC-SB-315 (29-30)	
				33.1					
	30								End of Boring at 30 feet. Grout to surface.

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BORING LOG
PAGE 1 of 1
GPEC-SB316

GROUND SURFACE ELEVATION (FT): 11.77 **LOCATION:** Area 4 (ROW)
NORTHING (FT): 687192 **EASTING (FT):** 650158 **TOTAL DEPTH (FT):** 18.0
DRILLED BY: Zebra / Carlos Hernandez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 6/30/2015 - 6/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6610 DT
WATER LEVEL DEPTHS (FT): ▽ 2.00 6/30/2015
GENERAL NOTE: 1 foot East of the initial refusal area.

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared..
▽ 10								
	5							
5								
		S1	2/24	22.1 14.2 316		PLO	GPEC-SB/PZ-316 (9-10)	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines; max. size 2", moderate petroleum-like odor, wet, brown, red brick.
	10	S2	5/36	9.4 6.3 49.1		PLO		(10'- 13.6') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, ~15% gravel, ~5% fines; max. size 2", moderate petroleum-like odor, wet, black with brown, red brick.
0				75.1 62.7				
				603 55.9			GPEC-SB/PZ-316 (14-15)	(13.6'- 15') SILTY SAND WITH GRAVEL (SM); ~65% sand, ~25% fines, low plasticity, ~10% gravel; gray black, wood chips.
	15	S3	3/22			OLO		(15'- 15.7') ORGANIC SOIL (OL); moderate organic-like odor, wet, brown, wood chips.
-5				.01 0.1 0.0 0.1		OLO		(15.7'- 18') SANDY SILT WITH GRAVEL (ML); ~60% fines, non plastic, ~25% sand, fine to medium, ~15% gravel, fine; max. size 1", moderate organic-like odor, moist, gray, trace shell fragments.

End of Boring at 18 feet.
Piezometer installed upon completion. Screened 1'-11'.

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DRAFT

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455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG
PAGE 1 of 1
GPEC-SB317

GROUND SURFACE ELEVATION (FT): 11.93 **LOCATION:** Area 4
NORTHING (FT): 687317 **EASTING (FT):** 650411 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 3/30/2015 - 4/8/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ∇ 9.00 4/8/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10				5.1					
	5			57.1					
5				35.6					
∇		S1	2/18	75			TLO	GPEC-SB-317 (8.5-9.5)	(8'- 10') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine to medium, ~20% gravel, fine, subangular to angular; red brick fragments, wood chips and fragments, max. size 0.5", moderate tar-like odor, brown, petroleum-like odor, soil staining, sheen on water, fill.
	10	S2	5/48	26.7					
0				125 137 451 1200 375 132 145 81 51			TLO	GPEC-SB-317 (12-13)	(10'- 13.3') NARROWLY GRADED SAND WITH GRAVEL (SP); ~80% sand, fine to medium, ~20% gravel, fine, subangular to angular; red brick fragments, wood chips and fragments, max. size 0.5", moderate tar-like odor, wet, brown, petroleum-like odor, soil staining, sheen on water, fill. (13.3'- 15') PEAT (PT); moist, fibrous, meadow mat.
	15								End of Boring at 15 feet. Grout to surface.

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BORING LOG

GPEC-SB318

GROUND SURFACE ELEVATION (FT): 13.92 **LOCATION:** Area 5
NORTHING (FT): 687376 **EASTING (FT):** 648978 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 3/30/2015 - 3/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 0.50 3/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
▽	0							(0'- 8') Vacuum/Hand Cleared.
10	5							
5	10	S1	2/36					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~5% fines; max. size 1", wet, dark brown to black.
		S2	5/24	0.0				(10'- 15') WELL GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to medium, ~15% gravel, coarse, subangular, ~5% fines; some burnt mat/newspaper, some white ash, max. size 1", gray, fill.
				0.0				
				0.1				
				0.0				
0				0.0				
	15			0.1				
		S3	5/30					(15'- 20') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~25% fines, ~10% gravel, fine to coarse; max. size 0.5", wet, brown gray.
				0.0				
				0.0				
				0.0				
				0.0				
-5				0.0				
	20	S4	5/60					(20'- 20.5') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~25% fines, ~10% gravel, fine to coarse; max. size 0.5", wet, brown gray.
				0.0		OLO	GPEC-SB-318 (20.5-21)	(20.5'- 22.5') PEAT (PT); moderate organic-like odor, moist, fibrous, dense, some root fibers, meadow mat.
				0.0				(22.5'- 25') SILTY SAND (SM); ~50% sand, fine to medium, ~40% fines, ~10% gravel, fine, subangular; max. size 1.2", moist, dark gray black.
-10				0.0				
	25							

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BORING LOG

GPEC-SB318

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								End of Boring at 25 feet. Grout to surface.

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455 Winding Brook Drive
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Glastonbury, CT 06033
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BORING LOG

GPEC-SB319

GROUND SURFACE ELEVATION (FT): 12.29 **LOCATION:** Area 4 CNG Area
NORTHING (FT): 687177 **EASTING (FT):** 649984 **TOTAL DEPTH (FT):** 80.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 7/9/2015 - 7/10/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.50 7/9/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10								
	5							
▽ 5								
		S1	2/24	0.0 0.1 0.2		TLO		(8'- 10') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~20% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 2.5", slight tar-like odor, wet, brown tan, red brick fragments, fill.
	10	S2	5/50	0.1 2.5 4.1 6.2 6.5 4.6 7.1 2.2 5.3 3.1		TLO	GPEC-SB-319 (14-15)	(10'- 15') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~20% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 2.5", slight tar-like odor, wet, brown tan, red brick fragments, fill.
0								
	15	S3	5/45	0.1 0.2 0.1 0.0 0.0 0.1		TLO		(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~20% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 2.5", slight tar-like odor, wet, brown tan, red brick fragments, fill.
-5								
	20	S4	5/40	0.0 0.1 0.0 0.1 0.0 0.0 0.0		TLO		(20'- 20.8') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~20% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 2.5", slight tar-like odor, wet, brown tan, red brick fragments. (20.8'- 25') PEAT (PT); max. size 3.5", moist, brownish gray, meadow mat, fibrous, piece of rock fragment.
-10								
	25							

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BORING LOG

GPEC-SB319

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/0					(25'- 30') no recovery.
-15								
	30	S6	5/45	0.1 0.0 0.0 0.1 0.2		OLO		(30'- 35') SILT WITH SAND (ML); ~90% fines, non plastic, ~10% sand, fine; moderate organic-like odor, moist, gray.
-20								
	35	S7	5/45	0.0 0.0		OLO		(35'- 40') SILT WITH SAND (ML); ~90% fines, non plastic, ~10% sand, fine; moderate organic-like odor, moist, gray.
-25								
	40	S8	5/55	0.0				(40'- 45') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-30								
	45	S9	5/40	0.0				(45'- 50') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-35								
	50	S10	5/30	0.0				(50'- 55') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-40								
	55	S11	5/30					(55'- 60') LEAN CLAY (CL); ~95% fines, low plasticity, ~5%

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ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								sand, fine; very moist, gray brown, moderately stiff.
-45				0.0				
	60	S12	5/42					(60'- 65') LEAN CLAY (CL); ~90% fines, low plasticity, ~10% sand, fine; very moist, gray brown, moderately stiff.
-50				0.0				
	65	S13	5/52					(65'- 70') LEAN CLAY (CL); ~90% fines, low plasticity, ~10% sand, fine; very moist, gray brown, moderately stiff.
-55				0.0				
	70	S14	5/32					(70'- 73.8') LEAN CLAY (CL); ~90% fines, low plasticity, ~10% sand, fine; very moist, gray brown, moderately stiff.
-60				0.0				
	75	S15	5/60				GPEC-SB-319 (74-75)	(73.8'- 75') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine, subangular, ~25% fines, non plastic, ~15% gravel, fine, subangular, subrounded; max. size 1.5", wet, gray. (75'- 76.8') SILTY SAND WITH GRAVEL (SM); ~60% sand, fine, subangular, ~25% fines, non plastic, ~15% gravel, fine, subangular, subrounded; max. size 1.5", wet, gray. (76.8'- 80') LEAN CLAY (CL); ~90% fines, low plasticity, ~10% sand, fine; very moist, gray brown, moderately stiff.
-65								
	80							End of Boring at 80 feet. Grout to surface.

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Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

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OLO = ORGANIC LIKE ODOR
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GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB320

GROUND SURFACE ELEVATION (FT): 12.40 **LOCATION:** Area 4
NORTHING (FT): 687405 **EASTING (FT):** 649799 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/3/2015 - 4/3/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 7.00 4/3/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 10') Vacuum/Hand Cleared.
10								
	5			0.0				
▽ 5								
		S1	2/24					
	10	S2	5/5					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; loose wood chips, some red bricks and cinder, some glass fragments, max. size 2", wet, brown to black, fill.
0				0.0				
	15	S3	5/60	2.0			GPEC-SB/PZ-320 (15-17)	(15'- 15.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; loose wood chips, some red bricks and cinder, some glass fragments, max. size 2", wet, brown to black, fill.
				1.2				
				4.2				
				6.1				
-5				22.1				(15.8'- 17.5') PEAT (PT); moist, meadow mat, fibrous, trace silt.
				14.1				(17.5'- 20') ELASTIC SILT (MH); moderate organic-like odor, gray, trace root fiber.
				6.2				
				5.1		OLO		
				7.2				
	20			0.4				

End of Boring at 20 feet.
Piezometer installed upon completion. Screened 5'- 15'.

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DRAFT

GEI Consultants

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455 Winding Brook Drive
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CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB321

GROUND SURFACE ELEVATION (FT): 13.83 **LOCATION:** Area 4
NORTHING (FT): 687566 **EASTING (FT):** 650498 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/9/2015 - 4/9/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 13.00 4/9/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						(0'- 8') Vacuum/Hand Cleared.
10							
	5			0.0			
		S1	2/24				(8'- 10') WIDELY GRADED SAND (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse; max. size 1.5", moist, brown, some red brick fragments.
5							
	10	S2	5/32				(10'- 12.5') WIDELY GRADED SAND (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse; max. size 1.5", moist, brown, some red brick fragments.
				0.0			
				0.0		GPEC-SB-321 (12-13)	
▽							(12.5'- 15') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, reddish brown.
0				0.0			
				0.0			
	15	S3	5/54				(15'- 20') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, reddish brown.
				0.0			
-5							
	20	S4	5/54				(20'- 25') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, reddish brown.
				0.0			
				0.0			
-10							
	25			0.0			

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DRAFT

GEI Consultants

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455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB321

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/58				(25'- 30') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, reddish brown.
				0.0			
-15				0.0		GPEC-SB-321 (29-30)	
	30						End of Boring at 30 feet. Grout to surface.

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BORING LOG

GPEC-SB322

GROUND SURFACE ELEVATION (FT): 13.74 **LOCATION:** Area 4
NORTHING (FT): 687655 **EASTING (FT):** 650536 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/9/2015 - 4/9/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 14.50 4/9/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						(0'- 8') Vacuum/Hand Cleared.
10							
	5			0.0			
5		S1	2/24				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse; mottled, max. size 1", moist, brown whiteish gray.
	10	S2	5/24				(10'- 15') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, brown.
				0.0			
				0.0			
				0.0			
0 ▽				0.0		GPEC-SB/PZ-322 (13.5-14.5)	
				0.0			
	15	S3	5/44				(15'- 20') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, brown.
				0.0			
				0.0			
				0.0			
-5				0.0			
				0.0			
	20	S4	5/58				(20'- 25') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, brown, lens of silty sand at 23.5-24.5.
				0.0			
				0.0			
-10				0.0			
	25			0.0			

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GEI Consultants

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BORING LOG

GPEC-SB322

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60				(25'- 30') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, fine to coarse; max. size 1.5", wet, brown, lens of silty sand at 23.5-24.5.
				0.0			
-15				0.0			
				0.0		GPEC-SB/PZ-322 (29-30)	
	30						End of Boring at 30 feet. Piezometer installed upon completion. Screened 12'- 22'.

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BORING LOG

GPEC-SB323

GROUND SURFACE ELEVATION (FT): 14.79 **LOCATION:** Area 4
NORTHING (FT): 687708 **EASTING (FT):** 650723 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/9/2015 - 4/9/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 14.50 4/9/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						(0'- 8') Vacuum/Hand Cleared.
10	5			0.0			
		S1	2/19				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, angular; concrete and red brick fragments, max. size 1.5", moist, reddish brown.
5	10	S2	5/14				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, angular; concrete and red brick fragments, max. size 1.5", moist, reddish brown.
				0.0			
▽				0.0		GPEC-SB/PZ-323 (13.5-14.5)	
0	15	S3	5/30				(15'- 20') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, coarse; max. size 1.5", wet, reddish brown.
				0.0			
-5	20	S4	5/52				(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, subrounded subangular; red brick fragments, max. size 1.5", moist, reddish brown, fill.
				0.0			
-10	25						

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BORING LOG

GPEC-SB323

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60				(25'- 30') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~25% gravel, fine to coarse, angular; max. size 1.5", moist, reddish brown, piece of nylon material.
				0.0			
-15	30			0.0		GPEC-SB/PZ-323 (29-30)	

End of Boring at 30 feet.
Piezometer installed upon completion. Screened 12'- 22'.

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BORING LOG

PAGE 1 of 1

GPEC-SB324

GROUND SURFACE ELEVATION (FT): 12.99 **LOCATION:** Area 4
NORTHING (FT): 687664 **EASTING (FT):** 650848 **TOTAL DEPTH (FT):** 15.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/9/2015 - 4/9/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 12.00 4/9/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10								
	5			0.0				
5		S1	2/24					(8'- 10') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~10% fines; trace cinder and red brick fragments, max. size 1.5", moist, brown, fill.
	10	S2	5/40					(10'- 12.5') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~10% fines; trace cinder and red brick fragments, max. size 1.5", wet, brown, fill.
▽ 0				0.0		OLO	GPEC-SB-324 (12.5-13.5)	(12.5'- 14') ORGANIC SOIL (OL); trace meadow mat, trace root fibers, moderate organic-like odor, moist, black.
	15			0.0				(14'- 15') NARROWLY GRADED SAND WITH SILT (SP-SM); ~85% sand, fine to medium, ~15% fines; wet, brown.

End of Boring at 15 feet.
Grout to surface.

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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB325

GROUND SURFACE ELEVATION (FT): 12.19 **LOCATION:** Area 4
NORTHING (FT): 687324 **EASTING (FT):** 649987 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/7/2015 - 4/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 5.00 4/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10				0.0				
▽	5			0.0				
5				0.0				
		S1	2/24	0.0				(8'- 10') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, ~15% gravel, ~15% fines; wood chips, wet, brown.
	10	S2	5/48	0.0				(10'- 15') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to medium, ~15% gravel, fine to coarse, ~15% fines; wood chips, wet, brown, fill.
0				0.2				
				0.1				
				0.0				
	15	S3	5/38	0.0				(15'- 20') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to medium, ~15% gravel, fine to coarse, ~15% fines; wood chips, wet, grayish brown, fill.
-5								
	20	S4	5/36	0.1				(20'- 25') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to medium, ~15% gravel, fine to coarse, ~15% fines; wood chips, wet, grayish brown, fill.
-10				0.1				
				0.0				
				0.1				
	25							

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Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB325

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60	0.7 0.8 3.1 1.5 0.9 0.1 0.2 3.1 2.2 4.5 1.2		OLO	GPEC-SB/PZ-325 (26-27)	(25'- 27') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to medium, ~15% gravel, fine to coarse, ~15% fines; wood chips, wet, grayish brown, fill. (27'- 27.5') PEAT (PT); moist, meadow mat. (27.5'- 30') ELASTIC SILT (MH); moderate organic-like odor, moist.
-15								
	30							End of Boring at 30 feet. Piezometer installed upon completion. Screened 3'- 13'.

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JHS = JAR HEADSPACE PID READING (PPM)

NA = NOT APPLICABLE
NM = NOT MEASURED

Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
TLO = TAR LIKE ODOR
CLO = CHEMICAL LIKE ODOR
ALO = ASPHALT LIKE ODOR

CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

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BORING LOG

GPEC-SB326

GROUND SURFACE ELEVATION (FT): 13.03 **LOCATION:** Area 5 Holder 1 Surface
NORTHING (FT): 686975 **EASTING (FT):** 649371 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Caballero **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 5/7/2015 - 5/7/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.50 5/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							Vacuum/Hand Cleared
10 ▽	5							
5		S1	2/0					(8'- 10').
	10	S2	5/24	0.0 0.0 0.0 0.0 0.0				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, coarse, subangular, ~5% fines; red brick fragments, wood chips, cinders, nails, max. size 1.5", wet, black, fill.
0								
	15	S3	5/32	0.0				(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, coarse, subangular, ~5% fines; red brick fragments, wood chips, cinders, nails, max. size 1.5", wet, black, fill.
-5								
	20	S4	5/16	0.0				(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, coarse, subangular, ~5% fines; red brick fragments, wood chips, cinders, nails, max. size 1.5", wet, black, gravelly fill.
-10								
	25							

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BORING LOG

GPEC-SB326

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60	0.9			GPEC-SB-326 (26-27)	(25'- 26.7') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~20% gravel, coarse, subangular, ~5% fines; red brick fragments, wood chips, cinders, nails, max. size 1.5", wet, black, gravelly fill.
				9.0				
				7.5				
				1.6				(26.7'- 28.2') PEAT (PT); moist, meadow mat.
				5.1				
-15				0.0				
				0.0		OLO		(28.2'- 29') ORGANIC SOIL (OL); moderate organic-like odor, moist, dark brown.
				0.0				(29'- 29.5') ELASTIC SILT (MH); moist.
				0.0				(29.5'- 30') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines; gray.
	30			0.0				
				0.0				End of Boring at 30 feet.
								Grout to surface.

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BORING LOG

GPEC-SB328

GROUND SURFACE ELEVATION (FT): 11.74 **LOCATION:** Area 4 CNG Area
NORTHING (FT): 687119 **EASTING (FT):** 649825 **TOTAL DEPTH (FT):** 75.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 7/8/2015 - 7/9/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.00 7/8/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10								
▽	5							
5								
		S1	2/24	0.0 0.0 0.0				(8'- 10') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, subangular to angular, ~15% fines, non plastic; max. size 2", wet, brown, glass, red brick, shell, ceramic ware fragments, fill.
	10	S2	5/55					(10'- 15') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, subangular to angular, ~15% fines, non plastic; max. size 2", wet, brown, glass, red brick, shell, ceramic ware fragments, fill.
0				0.0				
				0.0				
	15	S3	5/46					(15'- 17.6') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, subangular to angular, ~15% fines, non plastic; max. size 2", wet, brown, glass, red brick, shell, ceramic ware fragments, fill.
				0.0 0.1 0.2				
-5				0.2 0.0		OLO	GPEC-SB-328 (17.5-18.5)	(17.6'- 18.9') PEAT (PT); moderate organic-like odor, moist, brown gray, meadow mat, piece of rock 3" diameter.
				0.0 0.1		OLO		(18.9'- 20') ORGANIC SOIL (OL); moderate organic-like odor, moist, gray, silty.
	20	S4	5/45			OLO		(20'- 20.7') ORGANIC SOIL (OL); moderate organic-like odor, moist, gray, silty.
-10				0.7 0.9 12.1 11.2				(20.7'- 25') PEAT (PT); moist, meadow mat, fibrous (root fiber).
	25			14.1				

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BORING LOG

GPEC-SB328

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/48	14.7 13.5 11.7 8.1 6.2 5.4		OLO		(25'- 30') SILT WITH SAND (ML); ~80% fines, non plastic, ~20% sand, fine; slight organic-like odor, moist, gray, moderately stiff, trace root fiber.
-15								
	30	S6	5/54	0.1 0.2 0.1 0.0 0.0 0.2 0.1 0.0 0.0		OLO		(30'- 35') SILT WITH SAND (ML); no to low; moderate organic-like odor, moist, gray, moderately stiff, trace root fiber.
-20								
	35	S7	5/54	0.0 0.0 0.0 0.0 0.0		OLO		(35'- 40') SILT WITH SAND (ML); no to low; moderate organic-like odor, moist, gray, moderately stiff, trace root fiber.
-25								
	40	S8	5/58	0.0				(40'- 45') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-30								
	45	S9	5/54	0.0				(45'- 50') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-35								
	50	S10	5/52	0.0				(50'- 55') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-40								
	55	S11	5/52					(55'- 60') LEAN CLAY (CL); ~95% fines, low plasticity, ~5%

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BORING LOG

GPEC-SB328

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
-45				0.0				sand, fine; moist, gray brown, moderately stiff.
	60	S12	5/42	0.1 0.1 0.0				(60'- 65') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, coarse, subangular, subrounded; max. size 1.5", very moist, brown, loose.
-50								
	65	S13	5/22	0.0				(65'- 70') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, coarse, subangular, subrounded; max. size 1.5", wet, brown, moderately stiff.
-55								
	70	S14	5/50	0.0 0.1 0.0 0.0 0.0			GPEC-SB-328 (74-75)	(70'- 75') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~15% gravel, coarse, subangular, subrounded; max. size 1.5", wet, brown, moderately stiff.
-60								
	75							End of Boring at 75 feet. Grout to surface. Piezometer (3-13') and monitoring wells (30-40' and 63-73') installed at adjacent locations.

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BORING LOG

GPEC-SB329

GROUND SURFACE ELEVATION (FT): 12.52 **LOCATION:** Area 4
NORTHING (FT): 687419 **EASTING (FT):** 649720 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/2/2015 - 4/2/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 7.00 4/2/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10								
	5			0.0				
▽				0.0			GPEC-SB/PZ-329 (7-8)	
5		S1	2/24					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; loose wood chips/fragments, red brick & cinders, glass fragments, max. size 2", moist to wet, brown to black, fill.
	10	S2	5/12					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; some shell fragments, red brick fragments, max. size 2", wet, brown to black, fill.
0				0.0				
				0.0				
	15	S3	5/12					(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; some shell fragments, red brick fragments, max. size 2", wet, brown to black, fill.
-5				0.0				
				0.0				
	20	S4	5/20					(20'- 22.5') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, coarse, ~5% fines; some shell fragments, red brick fragments, max. size 2", wet, brown to black, fill.
				0.0				
-10				0.0				(22.5'- 24.3') ELASTIC SILT (MH); moist, gray.
				10.6				
				5.7			GPEC-SB/PZ-329 (24-25)	(24.3'- 25') PEAT (PT); moderate organic-like odor, trace fiber,
	25			17.5		OLO		

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BORING LOG

GPEC-SB329

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								meadow mat.
								End of Boring at 25 feet.
								Piezometer installed upon completion. Screened 5'-15'.

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BORING LOG

GPEC-SB330

GROUND SURFACE ELEVATION (FT): 14.37 **LOCATION:** Area 5
NORTHING (FT): 687242 **EASTING (FT):** 649464 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/1/2015 - 4/1/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 9.00 4/1/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
				0.0				
10	5							
				0.0				
		S1	2/24					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~85% sand, fine to coarse, ~15% gravel, fine to coarse, subangular; wet, brown.
▽ 5				0.0			GPEC-SB/PZ-330 (9-10)	
	10			0.0				
		S2	5/12					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~85% sand, fine to coarse, ~15% gravel, fine to coarse, subangular; wet, brown.
0								
	15	S3	5/24					(15'- 20') WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~15% fines; some wood chips, max. size 2".
				0.0				
				0.0				
				0.7			GPEC-SB/PZ-330 (18.5-19.5)	
-5				0.0				
	20	S4	5/12					(20'- 22.5') WELL GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~15% fines; some wood chips, max. size 2".
						OLO		(22.5'- 25') ORGANIC SOIL (OL); peat, moderate organic-like odor.
-10	25							

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BORING LOG

GPEC-SB330

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC FT./FT.	SAMPLE INFO: PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25							
-15	30							End of Boring at 30 feet. Piezometer installed upon completion. Screened 7'-17'.

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PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB331

GROUND SURFACE ELEVATION (FT): 13.92 **LOCATION:** Area 5 SW OF Holder 1
NORTHING (FT): 686925 **EASTING (FT):** 649293 **TOTAL DEPTH (FT):** 75.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 7/17/2015 - 7/17/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.50 7/17/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10	5								
5	10	S1	2/12	4.5 8.6 10.4			TLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines, non plastic; max. size 3", slight tar-like odor, wet, brown, concrete/red brick fragments, some cinder, fill.
0	15	S2	5/30	357 196 107 169 104 89.2			TLO	GPEC-SB-331 (14-15)	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~5% fines, non plastic; max. size 3", slight tar-like odor, wet, brown, concrete/red brick fragments, some cinder, fill, soil staining, sheen.
-5	20	S3	5/42	79 413 62 38 37.6 148.8 298.8 180			TLO		(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~15% fines, non plastic; max. size 2", moderate tar-like odor, wet, brown black, soil staining, sheen.
-10	25	S4	5/32	23 37 59.9 62.5 41.0 105.9			TLO TLO		(20'- 23.1') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~70% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, ~15% fines, non plastic; max. size 2", moderate tar-like odor, wet, brown black, soil staining, sheen. (23.1'- 25') SILTY SAND WITH GRAVEL (SM); ~55% sand, fine to medium, subangular, ~35% fines, low plasticity, ~10% gravel, coarse; max. size 1", slight tar-like

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NA = NOT APPLICABLE
NM = NOT MEASURED
Q_P = POCKET PENETROMETER
S_V = TORVANE PEAK

ppm = PARTS PER MILLION
IN. = INCHES
FT. = FEET

NLO = NAPHTHALENE LIKE ODOR
PLO = PETROLEUM LIKE ODOR
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CrLO= CREOSOTE LIKE ODOR
OLO = ORGANIC LIKE ODOR
SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

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GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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BORING LOG

GPEC-SB331

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/30	42.3 37.5 36.7 0.0 14.5 9.2 57.7			OLO		odor, moist-wet, trace meadow mat, trace sheen. (25'- 30') SILT (ML); ~95% fines, low plasticity, ~5% sand, fine; moderate organic-like odor, moist, gray, organic soil at the bottom 2".
-15									
	30	S6	5/44	2.0 1.1 1.4 5.1 5.5 6.7 15.9			OLO		(30'- 35') SILTY SAND (SM); ~60% sand, fine, ~35% fines, non plastic, ~5% gravel, fine; moderate organic-like odor, very moist, gray.
-20									
	35	S7	5/60	0.0					(35'- 36.8') SILT (ML); ~95% fines, low plasticity, ~5% sand; gray. (36.8'- 38.8') SILTY SAND (SM); ~70% sand, fine to medium, ~30% fines, non plastic; wet, gray.
-25				0.0					(38.8'- 40') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, moderately stiff.
	40	S8	5/50	0.0					(40'- 45') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray, moderately stiff.
-30									
	45	S9	5/60	0.0					(45'- 50') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray, moderately stiff.
-35									
	50	S10	5/60	0.0					(50'- 55') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray, moderately stiff.
-40									
	55	S11	5/60						(55'- 60') LEAN CLAY (CL); ~95% fines, low plasticity,

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ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

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Glastonbury, CT 06033
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BORING LOG

GPEC-SB331

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
				0.0					~5% sand, fine; moist, gray, moderately stiff.
-45									
	60	S12	5/60	0.0					(60'- 65') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
-50									
	65	S13	5/30	2.7 6.2 0.7 0.0 0.0					(65'- 70') NARROWLY GRADED SAND WITH CLAY/SILT (SP-SM); ~60% sand, fine to medium, ~35% fines, low plasticity, ~5% gravel, fine; wet, brown and gray.
-55									
	70	S14	5/48	.0 2.1 0.6 0.3 1.2 5.2				GPEC-SB-331 (74-75)	(70'- 75') NARROWLY GRADED SAND WITH GRAVEL (SP); ~85% sand, fine to medium, ~10% fines, non plastic, ~5% gravel, coarse, subangular-subrounded; max. size 2", wet, brown.
-60									
	75								End of Boring at 75 feet. Grout to surface.

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BORING LOG

GPEC-SB332

GROUND SURFACE ELEVATION (FT): 13.48
LOCATION: Area 5 SE OF Holder 1
NORTHING (FT): 686983 **EASTING (FT):** 649449
TOTAL DEPTH (FT): 90.0
DRILLED BY: Cascade Drilling / Olden Gonzalez
DATUM VERT. / HORZ.: NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi
DATE START / END: 7/7/2015 - 7/8/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 6.00 7/7/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0		8/NM						(0'- 8') Vacuum/Hand Cleared.
10	5			17.1 9.2					
5	10	S1	2/24	8.8 5.2			TLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines, low plasticity; max. size 2.5", slight tar-like odor, moist to wet, black to gray, red brick, wood chips, cloth fabric pieces, fill, loose, trace sheen.
0	15	S2	5/48	136 196 137 102 98 75 66 39			TLO		(10'- 15') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines, low plasticity; max. size 2.5", slight tar-like odor, moist to wet, black to gray, red brick, wood chips, cloth fabric pieces, fill, loose, trace sheen, soil staining.
-5	20	S3	5/38	6.5 10.9 7.2 6.0 3.4 2.7			TLO		(15'- 20') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~15% fines, low plasticity; max. size 2.5", slight tar-like odor, wet, black to gray, red brick, wood chips, cloth fabric pieces, some cinder, white ash, burnt material, fill, loose, trace sheen, soil staining, some NAPL observed in water.
-10	25	S4	5/56	187 209 330 455 363 259 179 185			TLO OLO	GPEC-SB/PZ-332 (22-23)	(20'- 23.2') WIDELY GRADED SAND WITH GRAVEL AND SILT (SW-SM); ~70% sand, ~15% gravel, ~15% fines, plastic; max. size 2.5", strong tar-like odor, wet, black, brick, wood chips, cloth pieces, cinder, white ash, burnt material, fill, loose, soil saturated and plastic sleeve smeared wtih tar-like material, viscous. (23.2'- 25') PEAT (PT); moderate organic-like odor, moist, brown, meadow mat, leaf fragments, fibrous (root fiber).

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GPEC-SB332

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/60	172					(25'- 25.7') ORGANIC SOIL (OL); moist, black brown, loose.
				35					(25.7'- 29') PEAT (PT); moist, brown, meadow mat, root fiber, somehow loose.
				26					
				48					
				22					
				15					
-15				21					
				69.2					
				85.1			PLO		(29'- 30') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, subangular, ~5% fines, non plastic; moderate petroleum-like odor, moist, brown, trace soil staining, loose.
	30	S6	5/60	97.7					
				100					(30'- 35') SILT WITH SAND (ML); ~90% fines, low plasticity, ~10% sand; slight organic-like odor, moist, gray, moderately stiff, trace root fiber.
				36					
				39					
				21			OLO		
				7.1					
				6.5					
-20				2.3					
				1.5					
				1.0					
	35	S7	5/60	1.1					(35'- 40') SILT WITH SAND (ML); ~90% fines, low plasticity, ~10% sand; moist, gray, moderately stiff.
				1.0					
				0.1					
				0.1					
				0.2					
				0.3					
-25				0.0					
				0.1					
				0.2					
	40	S8	5/60	0.1					(40'- 41.7') SILT WITH SAND (ML); ~90% fines, low plasticity, ~10% sand; moist, gray, moderately stiff.
				0.0					
				0.1					
				0.0					(41.7'- 42.2') NARROWLY GRADED SAND (SP); ~80% sand, fine, ~15% fines, non plastic, ~5% gravel, fine; lensed, max. size 10", wet, gray, lense of fine sand.
				0.0					
				0.0					
				0.0					
-30				0.0					(42.2'- 45') LEAN CLAY WITH SAND (CL); ~95% fines, low plasticity, ~5% sand, fine; very moist, gray brown, trace fine sand, moderately stiff.
				0.0					
				0.0					
	45	S9	5/60	0.0					(45'- 50') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; very moist, gray brown.
				0.0					
				0.0					
				0.0					
				0.0					
				0.0					
-35				0.0					
	50	S10	5/55						(50'- 55') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; very moist, gray brown, slightly dense.
				0.0					
-40				0.0					
	55	S11	5/54						(55'- 60') LEAN CLAY (CL); ~95% fines, low plasticity,

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BORING LOG

GPEC-SB332

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
				0.0					~5% sand, fine; very moist, gray brown.
				0.0					
				0.0					
-45				0.0					
				0.0					
	60	S12	5/48						(60'- 65') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; very moist, gray brown.
				0.0					
				0.0					
-50				0.0					
				0.0					
	65	S13	5/42						(65'- 70') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; very moist, gray brown.
				0.0					
				0.0					
-55				0.0					
				0.0					
	70	S14	5/30						(70'- 71.7') SILTY SAND (SM); ~80% sand, fine, subangular, ~20% fines, low plasticity; wet.
				0.1					(71.7'- 75') NARROWLY GRADED SAND (SP); ~95% sand, fine, subangular, ~5% fines, low plasticity; wet, brown, loose.
-60				0.2					
				0.0					
	75	S15	5/5						(75'- 80') NARROWLY GRADED SAND (SP); ~95% sand, fine, subangular, ~5% fines, low plasticity; max. size 3", wet, brown, sand/sample got flushed out, loose.
-65									
	80	S16	5/30						(80'- 82') SILTY SAND (SM); ~70% sand, fine to medium, ~30% fines, non plastic; wet, brown, loose.
				0.0					
				0.0					
				0.0					
				0.0				GPEC-SB/PZ-332 (82-83)	(82'- 83.3') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, ~5% fines, non plastic; wet, brown, loose.
				0.0					
-70				0.0					(83.3'- 85') WIDELY GRADED GRAVEL WITH SAND AND SILT (GW-GM); ~65% gravel, fine to coarse, subangular to subrounded, ~25% sand, fine to coarse, subangular subrounded, ~10% fines, non plastic; max. size 3.5", wet, brown, loose.
				0.0					
				0.0					
	85	S17	5/56						

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BORING LOG

GPEC-SB332

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	SAMPLE INFO: PEN/REC FT./FT.	SAMPLE INFO: PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
				0.0					(85'- 86.4') WIDELY GRADED GRAVEL WITH SAND AND SILT (GW-GM); ~65% gravel, fine to coarse, subangular to subrounded, ~25% sand, fine to coarse, subangular subrounded, ~10% fines, non plastic; wet, brown, loose.
				0.0					
-75				0.0					
				0.0					(86.4'- 90') LEAN CLAY WITH SAND (CL); ~90% fines, non plastic, ~10% sand, fine; moist, green, moderately stiff.
	90								End of Boring at 90 feet. Grout to surface. 8" isolation casing installed during boring advancement. Piezometer (2-12') installed at adjacent location.

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BORING LOG

GPEC-SB333

GROUND SURFACE ELEVATION (FT): 14.24 **LOCATION:** Area 5
NORTHING (FT): 686892 **EASTING (FT):** 649129 **TOTAL DEPTH (FT):** 80.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 7/13/2015 - 7/14/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.00 7/13/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10	5								
5	10	S1	2/24	0.5 0.4 0.4 0.5 0.4 0.4 0.4 0.4 0.3 0.3 0.4 0.0					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~20% gravel, fine to coarse; max. size 3", wet, brown, some cinder, white ash, glass & red brick fragments, fill.
		S2	5/60						(10'- 15') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 3", brown black, concrete fragments, brick & wood fragments, fill.
0	15	S3	5/42	0.8 0.5 2.1 5.4 57.5 23.3 42 6.2			NLO		(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 3", slight naphthalene-like odor, black, red brick/wood fragments, fill, trace sheen.
-5	20	S4	5/60	60.2 233.7 101.7 30.3 145.2 101.9 163.9 25.3			TLO OLO	GPEC-SB/PZ-333 (21-22)	(20'- 21.3') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~10% fines, non plastic; max. size 3", moderate tar-like odor, black, soil coating with tar-like material. (21.3'- 25') PEAT (PT); moderate organic-like odor, moist, brown, meadow mat, fibrous, trace organic soil.
-10	25								

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455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB333

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/52	219.2					(25'- 28.3') PEAT (PT); moderate organic-like odor, moist, brown and gray, meadow mat, fibrous, trace organic soil.
				118.2					
				58.5			OLO		
				175.8					
				234.7					
				99.2					
				8.7					(28.3'- 30') NARROWLY GRADED SAND WITH SILT (SP-SM); ~85% sand, fine to medium, subangular, ~15% fines, non plastic; moderate organic-like odor, wet, gray, trace organic soil and root fiber.
-15				76.0			OLO		
				67.0					
	30	S6	5/47						(30'- 35') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, subangular, ~5% fines, non plastic; wet, gray.
				1.6					
				3.7					
				2.0					
				9.7					
				5.9					
				4.7					
-20				7.6					
	35	S7	5/50						(35'- 40') NARROWLY GRADED SAND (SP); ~95% sand, fine to medium, subangular, ~5% fines, non plastic; wet, gray brown, more silt at the bottom.
				2.7					
				1.1					
				1.0					
				4.3					
				1.8					
				1.1					
-25				1.4					
	40	S8	5/56						(40'- 45') LEAN CLAY (CL); ~90% sand, fine, subangular, ~5% gravel, coarse, ~5% fines, low plasticity; max. size 0.5", dry, gray, trace sand and gravel, moderately stiff.
				0.0					
-30				0.0					
	45	S9	5/60						(45'- 50') LEAN CLAY (CL); ~90% sand, fine, subangular, ~5% gravel, coarse, ~5% fines, low plasticity; max. size 0.5", moist, gray, trace sand and gravel, moderately stiff.
				0.0					
-35									
	50	S10	5/60						(50'- 55') LEAN CLAY (CL); ~90% sand, fine, subangular, ~5% gravel, coarse, ~5% fines, low plasticity; max. size 0.5", moist, gray, trace sand and gravel, moderately stiff.
				0.0					
-40									
	55	S11	5/60						(55'- 60') LEAN CLAY (CL); ~90% sand, fine,

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FT. = FEET

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GEI Consultants

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				0.0					subangular, ~5% gravel, coarse, ~5% fines, low plasticity; max. size 0.5", moist, gray, trace sand and gravel, moderately stiff.
-45	60	S12	5/48	0.0					(60'- 61.3') LEAN CLAY (CL); ~90% sand, fine, subangular, ~5% gravel, coarse, ~5% fines, low plasticity; max. size 0.5", moist, gray, trace sand and gravel, moderately stiff. (61.3'- 65') NARROWLY GRADED SAND WITH GRAVEL AND SILT (SP-SC); ~75% sand, fine to medium, subangular, ~15% gravel, coarse, subangular, subrounded, ~10% fines, non plastic; max. size 2", wet, brown and gray.
-50	65	S13	5/32	2.2 0.9 0.3 10.1					(65'- 70') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~20% fines, non plastic, ~15% gravel, coarse, subangular; max. size 3", wet, gray brown.
-55	70	S14	5/42	0.9 0.3 0.1 0.0 0.0 0.0					(70'- 75') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~20% fines, non plastic, ~15% gravel, coarse, subangular; max. size 3", wet, gray brown.
-60	75	S15	5/18	0.1 0.1 0.6				GPEC-SB/PZ-333 (79-80)	(75'- 80') SILTY SAND (SM); ~65% sand, fine to medium, ~20% fines, non plastic, ~15% gravel, coarse, subangular; max. size 3", wet, gray brown.
-65	80								End of Boring at 80 feet. Monitoring well installed 65-75'. Piezometer (2-12') and monitoring well (30-40') installed at adjacent locations. 8" isolation casing installed during boring advancement.

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BORING LOG

GPEC-SB334

GROUND SURFACE ELEVATION (FT): 14.76 **LOCATION:** Area 5 Ballfield
NORTHING (FT): 686850 **EASTING (FT):** 649017 **TOTAL DEPTH (FT):** 75.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 7/16/2015 - 7/16/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 5.50 7/16/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10 ▽	5								
		S1	2/24	0.5 0.7 1.6 4.9 2.1					(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, angular to subangular, ~20% gravel, fine to coarse; max. size 3", wet, brown black, some cinder, white ash, concrete & red brick fragments, fill.
5	10	S2	5/18	1.2 1.9 2.1					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); non plastic, ~80% sand, fine to coarse, angular to subangular, ~20% gravel, fine to coarse; max. size 3", wet, brown black, some cinder, white ash, concrete & red brick fragments, fill.
0	15	S3	5/12	0.9 1.5			TLO		(15'- 20') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, angular to subangular, ~10% fines, non plastic; max. size 2.5", slight tar-like odor, brown black, wood chip fragments, trace red brick fragments, fill.
-5	20	S4	5/32	71.1 56.7 49.2 78 99.9 107.2 136.1 234			TLO	GPEC-SB-334 (24-25)	(20'- 22.5') NARROWLY GRADED SAND (SP); ~100% sand, fine to medium; wet, black gray. (22.5'- 25') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, ~10% fines, non plastic; max. size 1.5", moderate tar-like odor, rope
-10	25								

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BORING LOG

GPEC-SB334

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/18	122.5			TLO		fragments, cinder, red brick/glass fragments, fill, moderate soil staining/coating.
				22.4					(25'- 25.6') WIDELY GRADED SAND WITH SILT AND GRAVEL (SW-SM); ~75% sand, fine to coarse, angular to subangular, ~15% gravel, fine to coarse, ~10% fines, non plastic; max. size 1.5", moderate tar-like odor, wet, rope and metal scrap fragments, cinder, red brick/glass fragments, fill, moderate soil staining/coating.
				30.6			OLO		
				21.7					
				12.1					
-15	30	S6	5/24						(25.6'- 30') PEAT (PT); moderate organic-like odor, moist, brown, meadow mat, fibrous.
				2.3					(30'- 34.2') NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~85% sand, fine to medium, subangular, ~10% fines, non plastic, ~5% gravel, fine to coarse, angular to subangular; max. size 0.5", wet, gray.
				1.1					
				0.9					
				1.2					(34.2'- 35') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; wet to moist, gray, moderately stiff.
-20	35	S7	5/58						(35'- 40') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
				0.1					
				0.1					
				0.0					
				0.0					
				0.1					
				0.1					
				0.0					
				0.1					
-25	40	S8	5/60	0.0					
				0.4					(40'- 45') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
				0.0					
				0.0					
-30	45	S9	5/54						(45'- 50') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
				0.0					
-35	50	S10	5/60						(50'- 52.5') LEAN CLAY (CL); ~95% fines, low plasticity, ~5% sand, fine; moist, gray brown, moderately stiff.
				0.0					(52.5'- 55') NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~75% sand, fine to medium, angular to subangular, ~15% fines, non plastic, ~10% gravel, coarse, angular to subangular; max. size 2.5", wet, gray brown.
-40	55	S11	5/28						(55'- 60') NARROWLY GRADED SAND WITH SILT AND

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				0.1 0.3 0.0 0.2 0.0					GRAVEL (SP-SM); ~75% sand, fine to medium, angular to subangular, ~15% fines, non plastic, ~10% gravel, coarse, angular to subangular; max. size 2.5", wet, gray brown.
-45	60	S12	5/1	0.0					(60'- 65') wet, no recovery, traces of sand from the drill bit (flushed out sample).
-50	65	S13	5/28	0.1 0.0					(65'- 70') NARROWLY GRADED SAND WITH SILT AND GRAVEL (SP-SM); ~75% sand, fine to medium, angular to subangular, ~15% fines, non plastic, ~10% gravel, coarse, angular to subangular; max. size 2.5", wet, gray brown.
-55	70	S14	5/45	0.0 0.0				GPEC-SB-334 (74-75)	(70'- 75') SILTY SAND WITH GRAVEL (SM); ~65% sand, fine to medium, ~20% fines, non plastic, ~15% gravel, coarse, subangular; max. size 2", gray brown.
-60	75								End of Boring at 75 feet. Grout to surface.

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BORING LOG

GPEC-SB336

GROUND SURFACE ELEVATION (FT): 15.27 **LOCATION:** Area 5
NORTHING (FT): 686849 **EASTING (FT):** 648855 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 4/1/2015 - 4/1/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 4.00 4/1/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
15	0							(0'- 8') Vacuum/Hand Cleared.
				0.0				
				2.2				
				104				
10	5			99				
				99.4				
		S1	2/30	232		PLO	GPEC-SB-336 (9-10)	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; brick fragments, concrete fragments, moderate petroleum-like odor, moist, brown to gray, fill.
5	10	S2	5/24					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; brick fragments, concrete fragments, moderate petroleum-like odor, wet, brown to gray, fill.
				18.2		PLO		
				23.8				
				7.3				
0	15	S3	5/24					(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; brick fragments, concrete fragments, moderate petroleum-like odor, wet, brown to gray, fill.
				0.0				
				0.8		PLO		
				0.4				
-5	20	S4	5/24					(20'- 22.1') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; brick fragments, concrete fragments, moderate petroleum-like odor, wet, brown to gray, fill.
				0.3		PLO		
				3.5				
				7			GPEC-SB-336 (22-23)	(22.1'- 22.9') ORGANIC SOIL (OL/OH); trace fine sand, black.
				0.2				
				0.8		OLO		(22.9'- 25') PEAT (PT); moderate organic-like odor, moist, meadow mat.
	25			0.1				

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ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

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BORING LOG

GPEC-SB336

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								End of Boring at 25 feet. Grout to surface.

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BORING LOG

GPEC-SB339

GROUND SURFACE ELEVATION (FT): 15.13 **LOCATION:** Area 5
NORTHING (FT): 687188 **EASTING (FT):** 648739 **TOTAL DEPTH (FT):** 85.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Devin Byrne **DATE START / END:** 7/29/2015 - 7/29/2015
DRILLING DETAILS: Sonic Coring
WATER LEVEL DEPTHS (FT): ▽ 10.00 7/29/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
10	5								
		S1	2/0						(8'- 10') No recovery.
5 ▽	10	S2	5/27						(10'- 13.7') WIDELY GRADED SAND WITH GRAVEL (SW); black, fill, bricks, cobbles, wood, moist at 12.8'.
				0.6					
				0.9					
				22.1					
				44.0					
				264.1			NLO		(13.7'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); slight naphthalene-like odor, fill, bricks, cobbles, wood, slight naphthalene-like odor.
0	15	S3	5/36						(15'- 18.3') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~20% fines, ~10% gravel, fine to coarse; moderate tar-like odor, moist, black, fill material.
				24.7					
				78			TLO		
				82					
				16					
				94			NLO		(18.3'- 19') COBBLE; moderate naphthalene-like odor, cobble up to 3" diameter, lightly coated with LNAPL, light to moderate sheen.
				113			NLO	GPEC-SB-339 (19-20)	
-5	20	S4	5/48				NLO		(19'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~40% gravel, fine to coarse, subangular; max. size 3", slight naphthalene-like odor, dry, light brown.
				19					
				21					
				30.2					(20'- 20.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~40% gravel, fine to coarse, subangular to angular; slight naphthalene-like odor, wet, brown, light to moderate sheen at 20.8'.
				5.7			TLO		
							TLO		(20.8'- 22.4') WIDELY GRADED SAND WITH GRAVEL
	25								

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GPEC-SB339

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/23	51.1 17.0 16.0 13.2			TLO		(SW); ~90% sand, fine to coarse, ~10% gravel, fine to coarse; max. size 3". (22.4'- 23.1') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~40% gravel, fine to coarse, subangular to angular; max. size 1", slight tar-like odor, wet, black, loose, moderately coated in weathered tar-like material. (23.1'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~60% sand, fine to coarse, ~40% gravel, fine to coarse, subangular to angular; max. size 1", slight tar-like odor, wet, brown, loose, cobbles.
-15	30	S6	5/16	2.1 1.7 7.4 9.2 2.4					(25'- 30') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subrounded to rounded; max. size 2", slight tar-like odor, wet, brown black, loose, light staining 32.6' to 33.3', mostly medium to coarse sand. (30'- 35') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subrounded to rounded; max. size 2", wet, brown black, loose.
-20	35	S7	5/26	1.7 2.4 3.6 2.2					(35'- 40') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subrounded to rounded; max. size 3", wet, brown, cobbles, loose.
-25	40	S8	5/50	4.6 0.3 0.4 0.2 0.6					(40'- 45') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subrounded to rounded; max. size 3", wet, brown, loose.
-30	45	S9	5/0						(45'- 50') No recovery.
-35	50	S10	5/50	0.1 0.2 0.4 0.4 0.1 0.0 0.0					(50'- 54') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~30% gravel, fine to coarse, subrounded to rounded; max. size 3", wet, brown, loose.
-40	55	S11	5/20	0.2					(54'- 55') WIDELY GRADED GRAVEL WITH SAND (GW); ~60% gravel, fine to coarse, rounded to subrounded, ~40% sand, fine to coarse; max. size 0.5.

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FT. = FEET

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SLO = SULFUR LIKE ODOR
MLO = MUSTY LIKE ODOR

ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB339

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
				0.0					(55'- 60') WIDELY GRADED SAND (SW); ~90% sand, fine to coarse, ~5% gravel, fine to medium, rounded, ~5% fines; max. size 0.5", wet, brown, loose.
				0.2					
				0.4					
				0.7					
				0.4					
-45	60	S12	5/43						(60'- 65') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, rounded, ~5% fines; max. size 3", wet, brown, loose.
				0.0					
				0.0				GPEC-SB-339 (64-65)	
-50	65	S13	5/60						(65'- 65.2') LEAN CLAY WITH SAND (CL); non plastic; brown. (65.2'- 70') LEAN CLAY (CL); gray, trace shells and fine sand.
				0.0					
				0.0					
-55	70	S14	5/27						(70'- 74.8') LEAN CLAY (CL); gray, trace shells and fine sand.
				0.0					
				0.0					
-60	75	S15	5/60						(74.8'- 75') WIDELY GRADED GRAVEL WITH SAND (SW); wet, brown, loose, fine gravel. (75'- 79.2') LEAN CLAY (CL); low to medium plasticity; gray.
				0.0					
				0.0					(79.2'- 80') CLAYEY SAND (SC); ~60% fines, ~40% sand, fine to medium; gray.
-65	80	S16	5/60						(80'- 82.5') CLAYEY SAND (SC); ~60% fines, ~40% sand, fine to medium; gray.
				0.0					(82.5'- 85') LEAN CLAY (CL); non to low plasticity; gray dark gray, firm.
				0.0					
	85								End of Boring at 85 feet. Monitoring well installed from 56-66'. Monitoring wells (3-13' & 30-40') installed at adjacent locations.

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GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB340

GROUND SURFACE ELEVATION (FT): 15.79 **LOCATION:** Area 5
NORTHING (FT): 686885 **EASTING (FT):** 648841 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 4/1/2015 - 4/1/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 5.00 4/1/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
15	0						(0'- 8') Vacuum/Hand Cleared.
▽ 10	5						
		S1	2/0				(8'- 10') wet, no recovery.
5	10	S2	5/3	0.0			(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; cinders and ash, trace tiny red brick fragments, wet, brown.
0	15	S3	5/3	0.0			(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; cinders and ash, trace tiny red brick fragments, wet, brown.
-5	20	S4	5/42	0.0 0.4 1.2 1.5 5.0 0.2		GPEC-SB/PZ-340 (21-22)	(20'- 21.4') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular; cinders and ash, trace tiny red brick fragments, wet, brown. (21.4'- 21.9') ORGANIC SOIL (OL/OH); trace fine sand, black. (21.9'- 25') PEAT (PT); moist, fiborous, meadow mat.
	25						

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GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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BORING LOG

GPEC-SB340

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
							End of Boring at 25 feet. Piezometer installed upon completion. Screened 3'-13'.

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GEI Consultants

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455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB341

GROUND SURFACE ELEVATION (FT): 20.82 **LOCATION:** Area 5
NORTHING (FT): 687138 **EASTING (FT):** 648834 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 3/30/2015 - 3/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 15.00 3/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
20	0								(0'- 8') Vacuum/Hand Cleared.
15	5								
		S1	2/0						(8'- 10') No Recovery.
10	10	S2	5/18	1.2			PLO		(10'- 11.7') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", slight petroleum-like odor, moist, brown black, fill.
				2.4			PLO		(11.7'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate petroleum-like odor, wet, brown black, some sheen observed on water, fill.
				47.5					
				3.4					
▽ 5	15			47.5				GPEC-SB-341 (14.5-15)	
		S3	5/12						
				1.1			PLO		(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate petroleum-like odor, wet, brown black, some sheen observed on water, fill.
				1.3					
0	20	S4	5/30						(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate petroleum-like odor, wet, brown black, some sheen observed on water, fill.
				0.9			PLO		
	25								

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ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

DRAFT

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BORING LOG

GPEC-SB341

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S5	5/30				PLO		(25'- 26') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular, ~5% fines; red brick fragments, max. size 2", moderate petroleum-like odor, wet, brown black, some sheen observed on water, fill.
-5				5.2					
				4.3					
				1.2			OLO	GPEC-SB-341 (28-28.5)	(26'- 30') PEAT (PT); max. size 2", moderate organic-like odor, fibrous, some root.
				4.2					
				1.5					
	30			0.7					

End of Boring at 30 feet.
Grout to surface.

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BORING LOG
PAGE 1 of 1
GPEC-SB342

GROUND SURFACE ELEVATION (FT): 17.94 **LOCATION:** Area 5 near Holder 2
NORTHING (FT): 687259 **EASTING (FT):** 648926 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 3/31/2015 - 3/31/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 5.00 3/31/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	VISUAL IMPACTS	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0								(0'- 8') Vacuum/Hand Cleared.
15				0.0					
▽	5			0.0					
				0.0					
10		S1	2/20	47.7			PLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; some concrete fragments, max. size 2", moderate petroleum-like odor, brown black, some sheen observed.
	10	S2	5/42	63 15.9 8.4 14.4 7.5 5.4 5.4 4.0			PLO	GPEC-SB/PZ-342 (10-11)	(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; some concrete fragments, max. size 2", moderate petroleum-like odor, wet, brown black, some sheen observed.
5									
	15	S3	5/60	0.9 0.5 0.5 15.5 15.5 6.4 2.7			PLO		(15'- 18.3') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular to angular, ~15% gravel, fine to coarse, subangular to angular, ~5% fines; some concrete fragments, max. size 2", moderate petroleum-like odor, wet, black, some sheen observed.
0							OLO	GPEC-SB/PZ-342 (18-19)	(18.3'- 20') PEAT (PT); moderate organic-like odor, moist, meadow mat, fibrous.
	20								End of Boring at 20 feet. Piezometer installed upon completion. Screened 3'- 13'.

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455 Winding Brook Drive
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Glastonbury, CT 06033
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB343

GROUND SURFACE ELEVATION (FT): 19.19 **LOCATION:** Area 5 near Holder 2
NORTHING (FT): 687455 **EASTING (FT):** 648924 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi, Chris Anastasiou **DATE START / END:** 3/31/2015 - 3/31/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 3.50 3/31/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
				0.0				
▽								
15								
	5			0.0				
				0.0				
		S1	2/24			OLO		(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; moderate organic-like odor, wet, brown.
10				0.0				
	10	S2	5/45					(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; some red bricks, some wood chips/fragments, brown.
				0.0				
				0.0				
				0.0				
				0.0				
5				0.5			GPEC-SB/PZ-343 (14-15)	
				0.4				
	15	S3	5/30					(15'- 17.5') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, subangular, ~15% gravel, fine to coarse, ~5% fines; some red bricks, some wood chips/fragments, brown.
				0.5				
				1.6				
				0.8				
								(17.5'- 20') NARROWLY GRADED SAND (SP); ~80% sand, subangular, ~20% gravel, fine; max. size 2", moderate organic-like odor, wet, black, some fiber.
0				1.0		OLO		
				0.4				
	20	S4	5/32					(20'- 22.5') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, angular to subangular, ~20% gravel, fine, subangular to angular; max. size 0.5", wet.
				0.1				
				0.1				
				0.5			GPEC-SB/PZ-343 (22-23)	
				0.1				(22.5'- 25') PEAT (PT); moderate organic-like odor, moist, meadow mat, fibrous.
				0.5		OLO		
-5				0.0				
	25							

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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BORING LOG

GPEC-SB343

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								End of Boring at 25 feet. Piezometer installed upon completion. Screened 2'-12'.

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB344

GROUND SURFACE ELEVATION (FT): 15.20 **LOCATION:** Area 5
NORTHING (FT): 686805 **EASTING (FT):** 648882 **TOTAL DEPTH (FT):** 85.0
DRILLED BY: Cascade Drilling / Olden Gonzalez **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Devin Byrne **DATE START / END:** 7/24/2015 - 7/24/2015
DRILLING DETAILS: Mini Sonic BL 100C
WATER LEVEL DEPTHS (FT): ▽ 12.00 7/24/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
15	0						(0'- 8') Vacuum/Hand Cleared.
10	5						
		S1	2/0				(8'- 10') No recovery.
5	10	S2	5/24	0.0 0.0 0.0 0.0			(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~75% sand, fine to coarse, ~15% gravel, fine to coarse, subangular, ~10% fines; 5% roots, max. size 3", moist, brown, loose.
0	15	S3	5/49	0.0 0.0			(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; max. size 3", wet, brown, loose.
-5	20	S4	5/35	0.0 0.0			(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; max. size 3", wet, brown, loose.
	25						

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DRAFT

GEI Consultants

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
(860) 368-5300

CLIENT: National Grid
PROJECT: Greenpoint Energy Center
CITY/STATE: Brooklyn, New York
GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB344

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
-10	25	S5	5/41				(25'- 26.8') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~15% gravel, fine to coarse, ~5% fines; max. size 3", wet, brown, loose.
				0.0			(26.8'- 27.8') PEAT (PT); max. size 0.75", brown black, firm.
				0.0			(27.8'- 30') CLAYEY SAND (SC); non to low plasticity, ~10% gravel; max. size 0.75", gray.
-15	30	S6	5/50				(30'- 34') CLAYEY SAND (SC); non to low plasticity, ~10% gravel; gray.
				0.0			
				0.0			(34'- 35') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; gray with interbedded bands of brown, firm.
-20	35	S7	5/38				(35'- 40') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-25	40	S8	5/60				(40'- 45') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-30	45	S9	5/60				(45'- 50') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-35	50	S10	5/58				(50'- 55') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-40	55	S11	5/60				(55'- 60') WIDELY GRADED SAND WITH GRAVEL (SW); ~70%

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BORING LOG

GPEC-SB344

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
				0.0			sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
-45	60	S12	5/58				(60'- 65') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-50	65	S13	5/58				(65'- 70') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-55	70	S14	5/60				(70'- 75') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
				0.0			
-60	75	S15	5/52				(75'- 78.9') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, ~15% gravel, fine to coarse, ~15% fines; max. size 3", wet, gray with interbedded bands of brown, firm.
				0.0			
				0.0		GPEC-SB-344 (79-80)	(79'- 80') WIDELY GRADED SAND WITH GRAVEL (SW); ~90% sand, fine to coarse, ~10% gravel, fine to coarse; max. size 2", wet, brown, loose, trace fines.
-65	80	S16	5/60				(80'- 83.3') LEAN CLAY (CL); low plasticity; firm.
				0.0			
				0.0			(83.3'- 84.1') LEAN CLAY WITH SAND (CL); ~85% fines, low plasticity, ~15% sand, fine to medium; firm. (84.1'- 85') LEAN CLAY (CL); low plasticity; firm.
	85						End of Boring at 85 feet. Monitoring well installed 65-75'. Monitoring wells (8-18' & 30-40') installed at adjacent locations.

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DRAFT

GEI Consultants, Inc. P.C.
455 Winding Brook Drive
Suite 201
Glastonbury, CT 06033
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GEI PROJECT NUMBER: 125180-2-1202

BORING LOG

GPEC-SB346

GROUND SURFACE ELEVATION (FT): 12.60 **LOCATION:** Area 4
NORTHING (FT): 687574 **EASTING (FT):** 650262 **TOTAL DEPTH (FT):** 20.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/8/2015 - 4/8/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 5.50 4/8/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
10				0.1				
				0.0				
	5			0.0				
5				1.0				
		S1	2/24	0.0				(8'- 10') WIDELY GRADED SAND WITH GRAVEL AND TRACE SILT (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; some cinders/white ash, some red brick fragments, some concrete fragments, some wood chips, max. size 1.5", wet, brown, fill.
	10	S2	5/42	0.0				(10'- 14.8') WIDELY GRADED SAND WITH GRAVEL AND TRACE SILT (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; some cinders/white ash, some red brick fragments, some concrete fragments, some wood chips, max. size 1.5", wet, brown, fill.
0				0.0				
				0.0				
				0.0				
				0.0				
	15	S3	5/36	0.0		OLO		(14.8'- 15') PEAT (PT); moderate organic-like odor, moist, tip of meadow mat.
				0.0				(15'- 17.8') WIDELY GRADED SAND WITH GRAVEL AND TRACE SILT (SW); ~75% sand, fine to coarse, ~20% gravel, fine to coarse, subangular to angular, ~5% fines; some cinders/white ash, some red brick fragments, some concrete fragments, some wood chips, max. size 1.5", wet, brown, fill.
				0.0				
				0.0				
-5				2.1				
				0.1		OLO	GPEC-SB/PZ-346 (18.5-19.5)	(17.8'- 20') PEAT (PT); moderate organic-like odor, moist, meadow mat, fibrous.
				3.4				
	20							End of Boring at 20 feet. Piezometer installed upon completion. Screened 3'- 13'.

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BORING LOG

GPEC-SB347

GROUND SURFACE ELEVATION (FT): 16.44 **LOCATION:** Area 5
NORTHING (FT): 687009 **EASTING (FT):** 648915 **TOTAL DEPTH (FT):** 25.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 4/1/2015 - 4/1/2015
DRILLING DETAILS: Geoprobe / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 9.00 4/1/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0							(0'- 8') Vacuum/Hand Cleared.
15				0.0				
				0.0				
	5			0.0				
10				0.0				
▽		S1	2/24	1.1		PLO	GPEC-SB-347 (9-10)	(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, coarse, subangular to angular; some red brick fragments, cinders, wood chip fragments, some white ash, max. size 2", slight petroleum-like odor, moist, black - brown, fill.
	10	S2	5/36	0.0				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, coarse, subangular to angular; some red brick fragments, cinders, wood chip fragments, some white ash, max. size 2", slight petroleum-like odor, wet, black brown, fill.
5				0.0		PLO		
				0.0				
				0.0				
				0.0				
				0.0				
	15	S3	5/26	0.0		PLO		(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, coarse, subangular to angular; some red brick fragments, cinders, wood chip fragments, some white ash, max. size 2", slight petroleum-like odor, wet, black brown, fill.
0								
	20	S4	5/36	0.6				(20'- 22.5') WIDELY GRADED SAND WITH GRAVEL (SW); ~80% sand, fine to coarse, ~20% gravel, coarse, subangular to angular; some red brick fragments, cinders, wood chip fragments, some white ash, max. size 2", slight petroleum-like odor, wet, black brown, fill.
				18.1		PLO		
-5				51				
				18.5			GPEC-SB-347 (22-23)	
				0.4		OLO		(22.5'- 23.1') ORGANIC SOIL (OL); trace fibers, moderate organic-like odor, black.
				16.5				(23.1'- 25') PEAT (PT); moist, friable, some root fibers, meadow mat.
				4.2				
				0.6				
	25							

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ENVIRONMENTAL BORING LOG GREENPOINT BORINGS_125180-2-1202.GPJ GEI TEMPLATE 11-7-13.GDT 10/6/15

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Suite 201
Glastonbury, CT 06033
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BORING LOG

GPEC-SB347

ELEV. FT.	DEPTH FT.	SAMPLE INFO: TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ODOR	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
								End of Boring at 25 feet. Grout to surface (Bentonite).

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BORING LOG

GPEC-SB348

GROUND SURFACE ELEVATION (FT): 15.10 **LOCATION:** Area 5
NORTHING (FT): 687405 **EASTING (FT):** 648634 **TOTAL DEPTH (FT):** 30.0
DRILLED BY: Zebra Environmental / Luke Reiss **DATUM VERT. / HORZ.:** NAVD 88 / NAD83 NY East Zone
LOGGED BY: Akin Adegbayi **DATE START / END:** 3/30/2015 - 3/30/2015
DRILLING DETAILS: Geoprobe/5 ft long plastic sleeves / GeoProbe 6620 DT Track Mounted Rig
WATER LEVEL DEPTHS (FT): ▽ 12.50 3/30/2015
GENERAL NOTE:

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	0						(0'- 8') Vacuum/Hand Cleared.
				0.0			
				0.0			
				0.1			
				0.0			
				0.0			
				0.0			
10	5	S1	2/48				
				0.0			
				0.0			
				0.0			
				0.0			
				0.0			
		S2	5/48				(8'- 10') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular to angular; max. size 1.5", moist to wet, reddish brown.
				0.0			
				0.0			
5	10	S3	5/36				(10'- 15') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular to angular; max. size 1.5", wet, reddish brown.
				0.0			
				0.0			
▽				0.0		GPEC-SB-348 (12.5-13)	
				0.0			
				0.0			
0	15	S4	5/36				(15'- 20') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular to angular; max. size 1.5", wet, reddish brown.
				0.0			
				0.0			
				0.0			
				0.0			
-5	20	S5	5/36				(20'- 25') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular to angular; max. size 1.5", wet, reddish brown.
				0.0			
				0.0			
				0.0			
				0.0			
	25						

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BORING LOG

GPEC-SB348

ELEV. FT.	DEPTH FT.	SAMPLE INFO TYPE and NO.	PEN/REC FT./FT.	PID (PPM)	STRATA	ANALYZED SAMPLE ID	SOIL / BEDROCK DESCRIPTION
	25	S6	5/58				(25'- 30') WIDELY GRADED SAND WITH GRAVEL (SW); ~70% sand, fine to coarse, subangular, ~30% gravel, fine to coarse, subangular to angular; max. size 1.5", wet, reddish brown, No meadow mat observed.
	30			0.0		GPEC-SB-348 (29.5-30)	End of Boring at 30 feet. Grout to surface.

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