REMEDIAL INVESTIGATION REPORT

Greenpoint Landing
Temporary Accessory Parking Facility
Block 2510 p/o Lot 1
Brooklyn, New York 11222
OER Project Number: 16EH-N201K

Prepared For:

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January 29, 2016
Langan Project No.: 170229002

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1.0 INTRODUCTION

Langan Engineering, Environmental, Survey and Landscape Architecture, D.P.C. (Langan) prepared this Remedial Investigation Report (RIR) on behalf of Greenpoint Landing Developers, LLC for an approximately 40,000-square-foot portion of Lot 1 on Block 2510 in Brooklyn, NY (the Site). The Site is part of the Greenpoint Landing development project. Subsurface investigation and reporting was completed in accordance with the New York City Office of Environmental Remediation (OER)-approved Remedial Investigation Work Plan (RIWP), dated December 18, 2015 to satisfy Hazardous Materials E-Designation requirements before construction of a proposed temporary accessory parking facility. This report includes a description of investigation methodologies, field observations, tabulated summaries of laboratory analytical results, figures, and conclusions.

2.0 SITE BACKGRUND

2.1 Site Description

The 40,000-square-foot Site is bound by West Street to the east and the balance of Lot 1 to the north, south and west. The Site is asphalt-paved and currently leased to a commercial tenant for parking of commercial and personal vehicles. The areas adjoining the Site to the south and west are asphalt-paved and are used for parking commercial vehicles. The East River lies about 425 feet west of the Site. The elevation of the Site ranges from about el. 10 to el. 12.5 feet NAVD88.[1] According to previous environmental studies, the depth to groundwater is about 10 feet below existing grade and groundwater is presumed to flow towards the East River. A site location map is presented as Figure 1. A site plan is presented as Figure 2.

2.2 Proposed Development

The Site will be redeveloped with a surface parking facility to temporarily satisfy the residential parking requirements for Parcels G2[2], E3[3] and F2[4] of the Greenpoint Landing development project. The parking facility is an interim use; future development plans envision that the Site will be improved with a new building. The parking facility will include new 4-inch asphalt pavement, site drainage comprising catch basins and perforated high-density polyethylene (HDPE) piping set in porous stone beds, new landscaped beds[5] along the northern and eastern borders of the parking lot, new lighting, and new concrete curbs. The new parking facility will have a capacity of 90 spaces and about 93% of its area will be covered by impervious pavement. The design plans are included in Appendix A.

The existing asphalt pavement will be removed during construction. Limited soil disturbance/excavation will be required to construct components of the parking facility as follows:

- The top 2 feet of soil will be disturbed and re-graded across the Site to meet design elevations and drainage slopes; at least the upper foot will be removed to accommodate

[1] National Vertical Datum of 1988. NAVD88 is approximately 1.1 feet above mean sea level datum at Sandy Hook New Jersey as defined by the United States Geologic Survey (USGS NGVD 1929). Elevations referenced in this report are based in NAVD88.
[2] Block 2472, Lot 60, p/o Lots 50 and 100 (OER Project 14EH-N527K)
[3] Block 2494, Lot 1, p/o Lots 5 and 10 (OER Project #14EHAN528K)
[4] Block 2472, Lot 65, p/o Lot 50 (OER Project #15EH-N084K)
[5] The landscaped beds will consist of imported clean fill (2 feet minimum), mulch, and shrubs.

new aggregate sub-base and asphalt pavement;

- Excavation of about 6 feet below grade will be required in an approximately 3,200-square-foot area to install the on-site stormwater management system;
- Excavation of about 4 feet below grade will be required in limited areas to install catch basins and associated drainage piping; and
- Excavation of about 5 feet below grade will be required in limited areas to install foundations for seven light poles.

3.0 REGULATORY SETTING AND SITE HISTORY

The Site is currently under the regulatory oversight of the OER pursuant to a Hazardous Materials and Noise E-Designation (E-138 [effective May 11, 2005]). E-138 was assigned by the New York City Department of City Planning (NYCDCP) as part of the Greenpoint-Williamsburg Rezoning (CEQR #04DCP003K).

The Site was reviewed in the July 2001 *Phase I Environmental Site Assessment Report for Greenpoint Lumber Yard* prepared by AKRF, Inc. (AKRF). At the time of the Phase I ESA, the Site was occupied by Hylan Electrical Contracting, Inc., a computer fiber optic cable installation company, and used to store cable spools, generators, vehicles, and drums of fiber optic cable lubricator. Previously, the Site was occupied by Lumber Exchange Terminal, Inc. (circa 1942 to 1989), the New York Quebracho Extract Company (circa 1916) and the New York Dye – Wood Extract and Chemical Company (circa 1887 to 1905).

The Site was previously investigated as part of a two-part Phase II Environmental Site Investigation (ESI) completed by AKRF in 2001 and 2003. The results and findings of this investigation are documented in AKRF's April 2004 *Supplemental Subsurface (Phase II) Investigation Report – Greenpoint Lumber Yard, Brooklyn, New York* and Langan's July 2013 *Remedial Investigation Work Plan*. As part of AKRF's two-part investigation, four soil borings (B2, B7, B7R2, and MW7) and one permanent groundwater monitoring well (MW7) were completed at the Site. Previous sampling locations and the well location are illustrated on Figure 3. Soil samples were collected from various depth intervals between the surface (0 to 2-foot interval) and 11 feet below grade and were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, and metals, except one sample from boring B7, which was only analyzed for VOCs. One groundwater sample was collected and analyzed for VOCs, SVOCs, PCBs, pesticides, and total and dissolved metals. The findings are summarized below.

<u>Soil</u>

- No VOCs were detected in soil.
- Seven SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene, exceeded their 6 New York Codes Rules and Regulations (NYCRR) Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (SCOs) in one or more soil samples. Six

SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene, also exceeded their respective Restricted-Residential SCOs. Total SVOC concentrations ranged from 0.308 milligrams per kilogram (mg/kg) to 114.747 mg/kg.

- Total polychlorinated biphenyls (PCBs) and one pesticide, 4,4-DDT, exceeded their Unrestricted Use SCOs, but did not exceed their Restricted-Residential SCOs, in surface soil at soil boring B2; no deeper soil samples were collected at B2. Total PCBs and pesticides did not exceed their Unrestricted Use SCOs at other soil borings completed at the Site.
- Two metals, copper and lead, exceeded their respective Unrestricted Use SCOs, but did not exceed their Restricted-Residential SCOs, at soil boring MW7. No other metals exceeded their Unrestricted Use SCOs at other soil borings completed at the Site.

Groundwater

Two VOCs, benzene and 4-isopropyltoluene, exceeded their respective New York State Department of Environmental Conservation (DEC) Technical & Operational and Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values (SGVs) for Class GA water. Benzene was detected at a concentration of 2 micrograms per liter (µg/L) (TOGS SGV 1 µg/L) and 4-isopropyltoluene was detected at a concentration of 7.2 µg/L (TOGS SGV 5 µg/L). One SVOC, phenol, exceeded its TOGS SGV (1 µg/L) at a concentration of 7.4 µg/L. No PCBs or pesticides were detected in groundwater. Four metals (antimony, sodium, iron and thallium) were detected in total concentrations above their respective TOGS SGVs; only sodium was detected in a dissolved concentration above its TOGS SGV.

4.0 REMEDIAL INVESTIGATION

The purpose of the Remedial Investigation (RI) was to satisfy the requirements of the Hazardous Materials E-Designation and evaluate subsurface conditions to inform any site remediation and health and safety requirements during construction. The scope of work presented herein was based on the OER-approved RIWP, dated December 18, 2015. The RI included a geophysical survey and the collection and analysis of soil samples with a contingency for groundwater sample collection if soil contamination was present. The RI did not include groundwater sample collection due to the absence of grossly contaminated soil and soil vapor sample collection and analysis was not necessary because no occupied structures are present at the Site nor will be constructed as part of the new parking facility.

4.1 Methodology

4.1.1 Geophysical Survey

NOVA Geophysical Services (NOVA) of Douglaston, New York performed a geophysical survey on January 5, 2015. The purpose of the geophysical survey was to examine the Site for potential underground storage tanks (USTs) and verify that the proposed soil sampling locations were clear of subsurface structures and utilities. The equipment used during the geophysical survey included the following items:

- A 250 megahertz (MHz) ground-penetrating radar unit; and
- A 3M Dynatel utility locator.

The accessible exterior portion (i.e., asphalt-paved areas) of the Site was surveyed, but parked vehicles and other equipment constrained access in areas. The Site was first screened with the GPR unit by moving the unit across the site in 3-foot by 3-foot transverses. If an anomaly was observed, the area was clearly marked and then later inspected with the utility locator to determine if the anomaly was a utility or a larger subsurface metallic object or structure. Finally, GPR profiles were collected over each metal-detector anomaly and examined for reflections.

4.1.2 Soil Investigation

Eight soil borings (SB1 through SB8) were installed by Eastern Environmental Solutions, Inc. of

Manorville, New York (Eastern) under the supervision of Langan field staff on January 5 and 8, 2015. Boring locations were selected to characterize soil across the Site, including areas of proposed disturbance during construction. The soil boring locations are presented on Figure 4.

Soil borings were completed using track-mounted Geoprobe™ 6610DT and 7822DT direct-push drill rigs. Soil samples were collected continuously into MacroCore® barrels lined with 4-foot dedicated acetate sleeves. Extracted soil was screened with a photoionization detector (PID) equipped with a 10.6 electron volt (eV) lamp, inspected for visual and olfactory evidence of contamination, and classified by Langan field staff. Soil borings were advanced to a depth of 4 to 6 feet below ground surface (bgs). Soil boring logs are provided as Appendix B.

Two discrete (grab) soil samples were collected at each boring for laboratory analysis: one from the 0 to 2 foot interval below surface cover and the second from a deeper subsurface interval, which was either 2 to 4 feet or 4 to 6 feet below surface cover based on the location of the boring. EnCore® sampling kits (5-gram) were used to collect soil samples for volatile organic compound (VOC) analysis.

Soil samples were collected into laboratory-supplied batch-certified clean glassware and EnCore® samplers and submitted to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory (Alpha Analytical, Inc. of Westborough, MA [ELAP ID #11148]) via courier service under standard chain-of-custody protocol. A summary of the soil samples is presented in Table 1. Soil samples were analyzed for the following parameters:

- Target Compound List (TCL) VOCs by USEPA Method 8260
- TCL SVOCs by USEPA Method 8270
- TCL Pesticides/PCBs by USEPA Method 8081/8082
- TCL Herbicides by USEPA Method 8151
- Target Analyte List (TAL) metals by USEPA Method 6010 and 7471
- Total Cyanide by USEPA Method 9010/9012
- Trivalent Chromium by USEPA Method 3060/107
- Hexavalent Chromium by USEPA Method 3060/7196

The reported list of soil results was inclusive of the parameters listed in the TCL/TAL standard

list, Title 6 New York Codes, Rules and Regulations (NYCRR) Part 375-6.8, and most supplemental parameters listed in the DEC Commissioner's Policy CP-51.

4.2 Geophysical Survey Results

This section summarizes the findings of NOVA's geophysical survey. NOVA identified the following:

- Scattered anomalies located throughout the Site that were interpreted as a result of fill material in the subsurface and not substructures/utilities;
- There were no subsurface anomalies with reflections or signatures consistent with USTs.

A copy of NOVA's geophysical report is included as Appendix C.

4.3 Field Observations

Soil borings were completed at a depth of 4 or 6 feet bgs for sample collection. The stratigraphy underlying the Site includes a layer of historic fill from about 0.5 to 6 feet bgs and is composed of varying amounts of sand, silt, clay, brick, concrete, asphalt, glass, coal ash and coal fragments. The terminus of the historic fill was not encountered in any completed soil boring. Visual, olfactory, and/or PID evidence of petroleum contamination was not identified in any of the borings.

4.4 Hydrogeology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flows toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetation cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks. Groundwater in New York City is not used as a potable water source. Potable water provided to the City of New York is

derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

According to previous environmental studies, the depth to groundwater is about 10 feet below existing grade (about el 1.5 feet) and groundwater is presumed to flow towards the East River.

4.5 Analytical Results

This section summarizes the soil results generated by the RI. In total, 17 soil samples were collected and analyzed.

- The soil analytical results were compared to 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (SCOs) and Part 375-6.8(b) Restricted Use Commercial SCOs.

A summary of soil samples is provided as Table 1, and the soil analytical results are presented in Tables 2, 3, 4, and Figure 4. The full laboratory analytical data reports for soil are included in Appendix D.

4.5.1 Soil Analytical Results

This section summarizes the soil analytical results generated by the RI. Eight soil borings (SB1 to SB8) were installed and seventeen soil samples were collected. The soil analytical results were compared to the 6 NYCRR Part 375-6.8(a,b) Unrestricted Use SCOs and Commercial SCOs. Unrestricted Use SCOs are included in parentheses at the end of each bullet. Concentrations exceeding Unrestricted Use SCOs are shown in regular font and concentrations exceeding Commercial SCOs are shown in bold font. The following summary presents the results of soil samples collected from each boring. Concentrations are reported in mg/kg.

Soil Boring SB1

No herbicides were detected in soil samples collected from SB01. No VOCs or SVOCs exceeded their Unrestricted Use SCOs.

Pesticides

0-2 feet

- 4,4'-DDE – 0.0199 mg/kg (0.0033 mg/kg)

2-4 feet

- 4,4'-DDD – 0.0154 mg/kg (0.0033 mg/kg)
- 4,4'-DDE – 0.0235 mg/kg (0.0033 mg/kg)

- 4,4'-DDT – 0.0456 mg/kg (0.0033 mg/kg)

PCBs

0-2 feet

- PCBs, Total – 0.267 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Arsenic – **330** mg/kg (13 mg/kg)
- Copper – **640** mg/kg (50 mg/kg)
- Lead – 450 mg/kg (63 mg/kg)
- Mercury – **9.4** mg/kg (0.18 mg/kg)
- Selenium – 540 mg/kg (3.9 mg/kg)
- Zinc – 200 mg/kg (109 mg/kg)

2-4 feet

- Arsenic – **440** mg/kg (13 mg/kg)
- Cadmium – 3.2 mg/kg (2.5 mg/kg)
- Copper – **670** mg/kg (50 mg/kg)
- Lead – 550 mg/kg (63 mg/kg)
- Mercury – **7.1** mg/kg (0.18 mg/kg)
- Selenium – 560 mg/kg (3.9 mg/kg)

Soil Boring SB2

No herbicides or PCBs were detected in soil samples collected from SB02. No VOCs or SVOCs exceeded their Unrestricted Use SCOs.

Pesticides

0-2 feet

- 4,4'-DDD – 0.0213 mg/kg (0.0033 mg/kg)
- 4,4'-DDE – 0.0781 mg/kg (0.0033 mg/kg)
- 4,4'-DDT – 0.0586 mg/kg (0.0033 mg/kg)

Metals

0-2 feet

- Arsenic – **21** mg/kg (13 mg/kg)
- Copper – 87 mg/kg (50 mg/kg)
- Lead – 130 mg/kg (63 mg/kg)
- Mercury – 0.21 mg/kg (0.18 mg/kg)

Soil Boring SB3

No herbicides were detected in soil samples collected from SB03. No VOCs or SVOCs exceeded their Unrestricted Use SCOs.

Pesticides

4-6 feet

- 4,4'-DDE – 0.00566 mg/kg (0.0033 mg/kg)
- 4,4'-DDT – 0.0133 mg/kg (0.0033 mg/kg)
- Dieldrin – 0.00803 mg/kg (0.005 mg/kg)

PCBs

0-2 feet

- PCBs, Total – 0.32 mg/kg (0.1 mg/kg)

4-6 feet

- PCBs, Total – 0.315 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Arsenic – **22** mg/kg (13 mg/kg)
- Copper – 170 mg/kg (50 mg/kg)
- Lead – 290 mg/kg (63 mg/kg)
- Mercury – 1.8 mg/kg (0.18 mg/kg)
- Zinc – 160 mg/kg (109 mg/kg)

4-6 feet

- Copper – 60 mg/kg (50 mg/kg)
- Lead – 86 mg/kg (63 mg/kg)
- Mercury – 0.41 mg/kg (0.18 mg/kg)

Soil Boring SB4

No herbicides were detected in soil samples collected from SB04. No SVOCs exceeded their Unrestricted Use SCOs.

VOCs

0-2 feet

- 2-Butanone – 0.2 mg/kg (0.12 mg/kg)
- Acetone – 0.29 mg/kg (0.05 mg/kg)
- Xylenes, Total – 1.2 mg/kg (0.26 mg/kg)

Pesticides

4-6 feet

- Dieldrin – 0.0196 mg/kg (0.005 mg/kg)

PCBs

0-2 feet

- PCBs, Total – 0.796 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Copper – 54 mg/kg (50 mg/kg)
- Lead – 83 mg/kg (63 mg/kg)
- Mercury – 0.28 mg/kg (0.18 mg/kg)

4-6 feet

- Lead – 100 mg/kg (63 mg/kg)

Soil Boring SB5

No herbicides were detected in soil samples collected from SB05. No pesticides, VOCs or SVOCs exceeded their Unrestricted Use SCOs.

PCBs

0-2 feet

- PCBs, Total – 0.207 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Barium – **440** mg/kg (350 mg/kg)
- Copper – 170 mg/kg (50 mg/kg)
- Lead – 330 mg/kg (63 mg/kg)
- Mercury – 0.87 mg/kg (0.18 mg/kg)
- Zinc – 350 mg/kg (109 mg/kg)

Soil Boring SB6

No herbicides were detected in soil samples collected from SB06. No VOCs exceeded their Unrestricted Use SCOs. Results for the field duplicate collected at SB06 are reported below.

SVOCs

0-2 feet

- Benzo(a)anthracene – 3.2 mg/kg (1 mg/kg)
- Benzo(a)pyrene – **2.8** mg/kg (1 mg/kg)
- Benzo(b)fluoranthene – 3.8 mg/kg (1 mg/kg)
- Benzo(k)fluoranthene – 1.4 mg/kg (0.8 mg/kg)
- Chrysene – 3.4 mg/kg (1 mg/kg)
- Dibenzo(a,h)anthracene – 0.48 mg/kg (0.33 mg/kg)
- Indeno(1,2,3-cd)pyrene – 1.8 mg/kg (0.5 mg/kg)

0-2 feet – SODUP01_010516

- Benzo(a)anthracene – **5.8** mg/kg (1 mg/kg)
- Benzo(a)pyrene – **4.9** mg/kg (1 mg/kg)
- Benzo(b)fluoranthene – **6.2** mg/kg (1 mg/kg)
- Benzo(k)fluoranthene – 2.2 mg/kg (0.8 mg/kg)
- Chrysene – 5.6 mg/kg (1 mg/kg)
- Dibenzo(a,h)anthracene – **0.67** mg/kg (0.33 mg/kg)
- Indeno(1,2,3-cd)pyrene – 2.5 mg/kg (0.5 mg/kg)

Pesticides

0-2 feet – SODUP01_010516

- 4,4'-DDE – 0.00624 mg/kg (0.0033 mg/kg)
- 4,4'-DDT – 0.0438 mg/kg (0.0033 mg/kg)

PCBs

0-2 feet

- PCBs, Total – 0.274 mg/kg (0.1 mg/kg)

0-2 feet – SODUP01_010516

- PCBs, Total – 0.333 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Arsenic – 15 mg/kg (13 mg/kg)
- Cadmium – **19** mg/kg (2.5 mg/kg)
- Copper – **640** mg/kg (50 mg/kg)
- Lead – 250 mg/kg (63 mg/kg)
- Mercury – 0.78 mg/kg (0.18 mg/kg)
- Zinc – 290 mg/kg (109 mg/kg)

0-2 feet – SODUP01_010516

- Arsenic – **17** mg/kg (13 mg/kg)
- Cadmium – **16** mg/kg (2.5 mg/kg)
- Copper – **750** mg/kg (50 mg/kg)
- Lead – 270 mg/kg (63 mg/kg)
- Mercury – 0.74 mg/kg (0.18 mg/kg)
- Nickel – 31 mg/kg (30 mg/kg)
- Zinc – 350 mg/kg (109 mg/kg)

Soil Boring SB7

No herbicides were detected in soil samples collected from SB07. No VOCs or SVOCs exceeded their Unrestricted Use SCOs.

Pesticides

0-2 feet

- Dieldrin – 0.00973 mg/kg (0.005 mg/kg)

PCBs

0-2 feet

- PCBs, Total – 0.101 mg/kg (0.1 mg/kg)

Metals

0-2 feet

- Copper – **370** mg/kg (50 mg/kg)
- Lead – 170 mg/kg (63 mg/kg)

Soil Boring SB8

No herbicides were detected in soil samples collected from SB02. No VOCs or PCBs exceeded their Unrestricted Use SCOs.

SVOCs

4-6 feet

- Benzo(a)anthracene – 1.1 mg/kg (1 mg/kg)
- Benzo(a)pyrene – **1.6** mg/kg (1 mg/kg)
- Benzo(b)fluoranthene – 1.9 mg/kg (1 mg/kg)
- Chrysene – 1.2 mg/kg (1 mg/kg)
- Indeno(1,2,3-cd)pyrene – 1.2 mg/kg (0.5 mg/kg)

Pesticides

0-2 feet

- 4,4'-DDE – 0.00427 mg/kg (0.0033 mg/kg)
- 4,4'-DDT – 0.00799 mg/kg (0.0033 mg/kg)

Metals

0-2 feet

- Arsenic – **35** mg/kg (13 mg/kg)
- Barium – 380 mg/kg (350 mg/kg)
- Copper – 180 mg/kg (50 mg/kg)
- Lead – 380 mg/kg (63 mg/kg)
- Mercury – 1.9 mg/kg (0.18 mg/kg)
- Zinc – 370 mg/kg (109 mg/kg)

4-6 feet

- Arsenic – **21** mg/kg (13 mg/kg)
- Barium – **660** mg/kg (350 mg/kg)
- Copper – 260 mg/kg (50 mg/kg)
- Lead – 600 mg/kg (63 mg/kg)
- Mercury – 0.84 mg/kg (0.18 mg/kg)
- Zinc – 990 mg/kg (109 mg/kg)

5.0 CONCLUSIONS

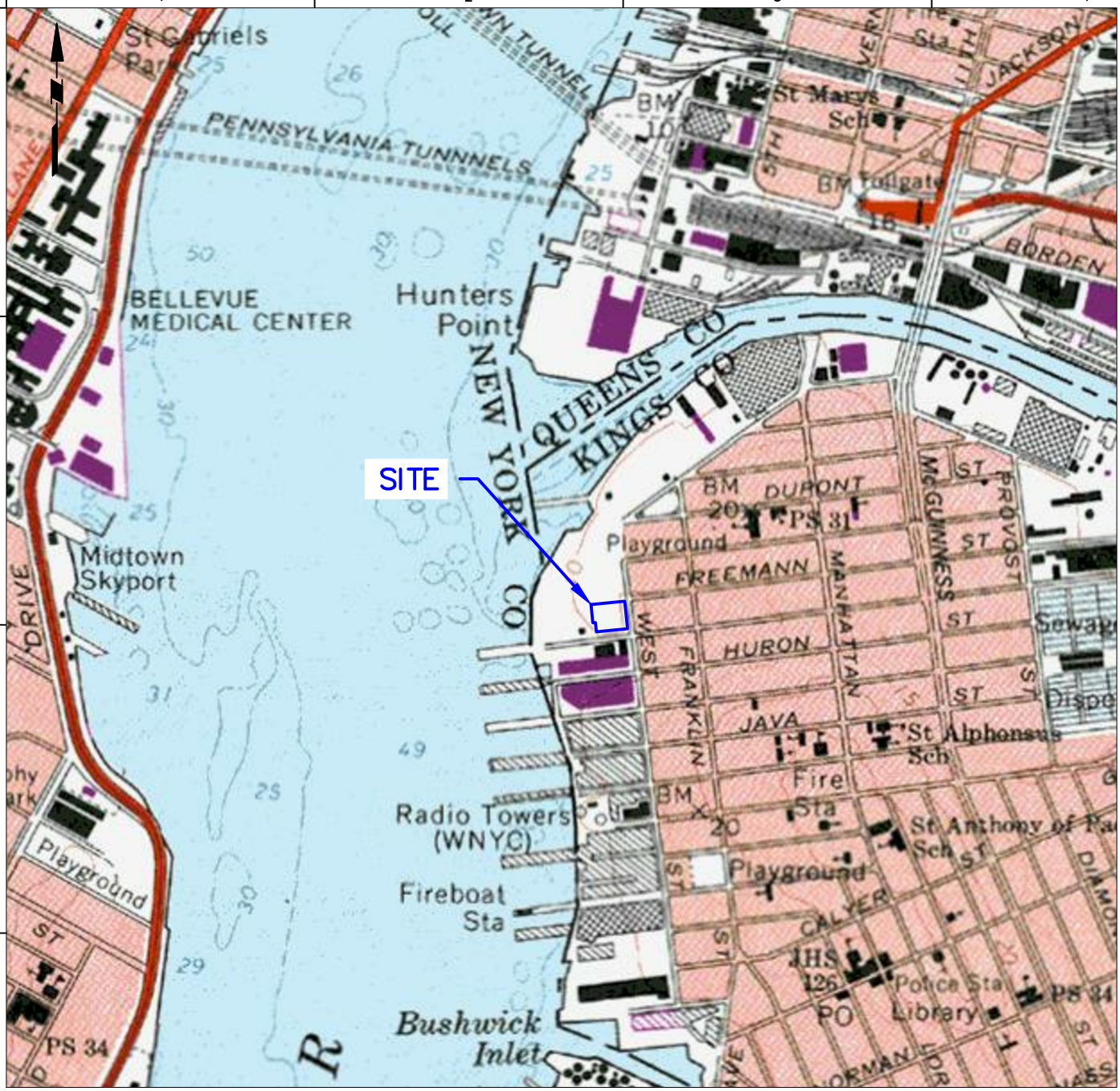
The field observations and analytical results generated by this investigation are consistent with historical property use, confirm the presence of historic fill, and are consistent with what one would expect to find on urban waterfront property in New York City. The results of previous investigations and this RI indicate areas of historic fill material with concentrations of VOCs, SVOCs, pesticides, PCBs, and metals that exceed their respective 6 NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives (SCOs) and/or Part 375-6.8(b) Restricted Use Commercial SCOs. These constituents are attributable to historic fill material and/or historical property uses.

6.0 LIMITATIONS

This Remedial Investigation Report (RIR) was prepared expressly for Greenpoint Landing Developers, LLC for the proposed development at Lot 1 on Block 2510 in Brooklyn, NY and for the objectives defined herein. Langan cannot assume responsibility for the use of this report for any property other than the specific Site addressed in this report, or by any third party without specific written authorization from Langan.

The conclusions, opinions, and recommendations provided in this report are based on subsurface conditions ascertained from the analysis of a limited number of samples and from environmental reports prepared by other professionals. Recommendations provided are contingent upon one another and no recommendation should be followed independent of the others. Actual conditions encountered may differ substantially from those presented herein and should be brought to our attention whereby we may determine how such changes may affect our conclusions, opinions and recommendations.

FIGURES



LEGEND

APPROXIMATE SITE BOUNDARY

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

SOURCE: USGS TOPOGRAPHIC QUADRANGLE MAP, BROOKLYN, NY (1979)

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Project	Figure Title	Project No. 170229002	Figure No.
GREENPOINT LANDING BLOCK No. 2510, p/o LOT No. 1 BROOKLYN KINGS NEW YORK	SITE LOCATION MAP TEMPORARY ACCESSORY PARKING FACILITY	Date 1/26/2016 Scale NTS Drawn By GCW Submission Date	1 Sheet 1 of 4

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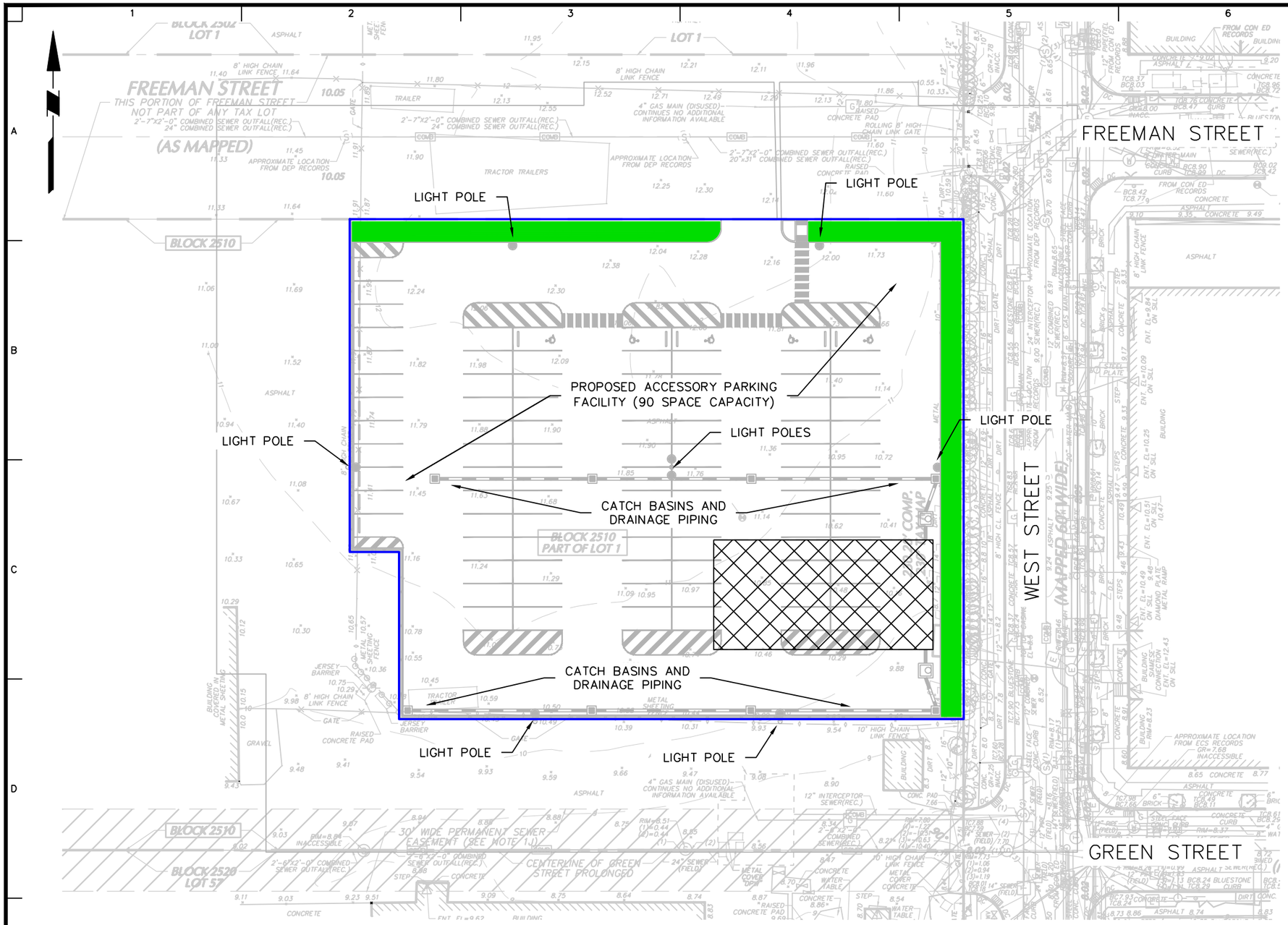
Filename: \\langan.com\data\NY\data0\170229001\Cadd Data - 170229001\SheetFiles\Environmental-L&M Parking Facility\RIR\Figure 1 - Site Location Map.dwg Date: 1/26/2016 Time: 12:36 User: aschmiedicke Style Table: Langan.stb Layout: ANSIA-BP



LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF PROPOSED ON-SITE STORMWATER MANAGEMENT SYSTEM
- APPROXIMATE LOCATION OF PERIMETER LANDSCAPED BEDS

GENERAL NOTES

1. BASE MAP IS TAKEN FROM LANGAN SURVEY "170229002 GREENPOINT LANDING BLOCK 2510 PART OF LOT 1 NAVD88" DATED NOVEMBER 17, 2015.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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SCALE IN FEET

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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC

Collectively known as Langan

Project

GREENPOINT LANDING

BLOCK No. 2510, p/o LOT No.1
BROOKLYN

KINGS NEW YORK

Figure Title

SITE PLAN

TEMPORARY ACCESSORY PARKING FACILITY

Project No. 170229002	Figure No. 2
Date 1/26/2016	
Scale 1" = 40'	
Drawn By GCW / Checked By MSR	
Submission Date	Sheet 2 of 4

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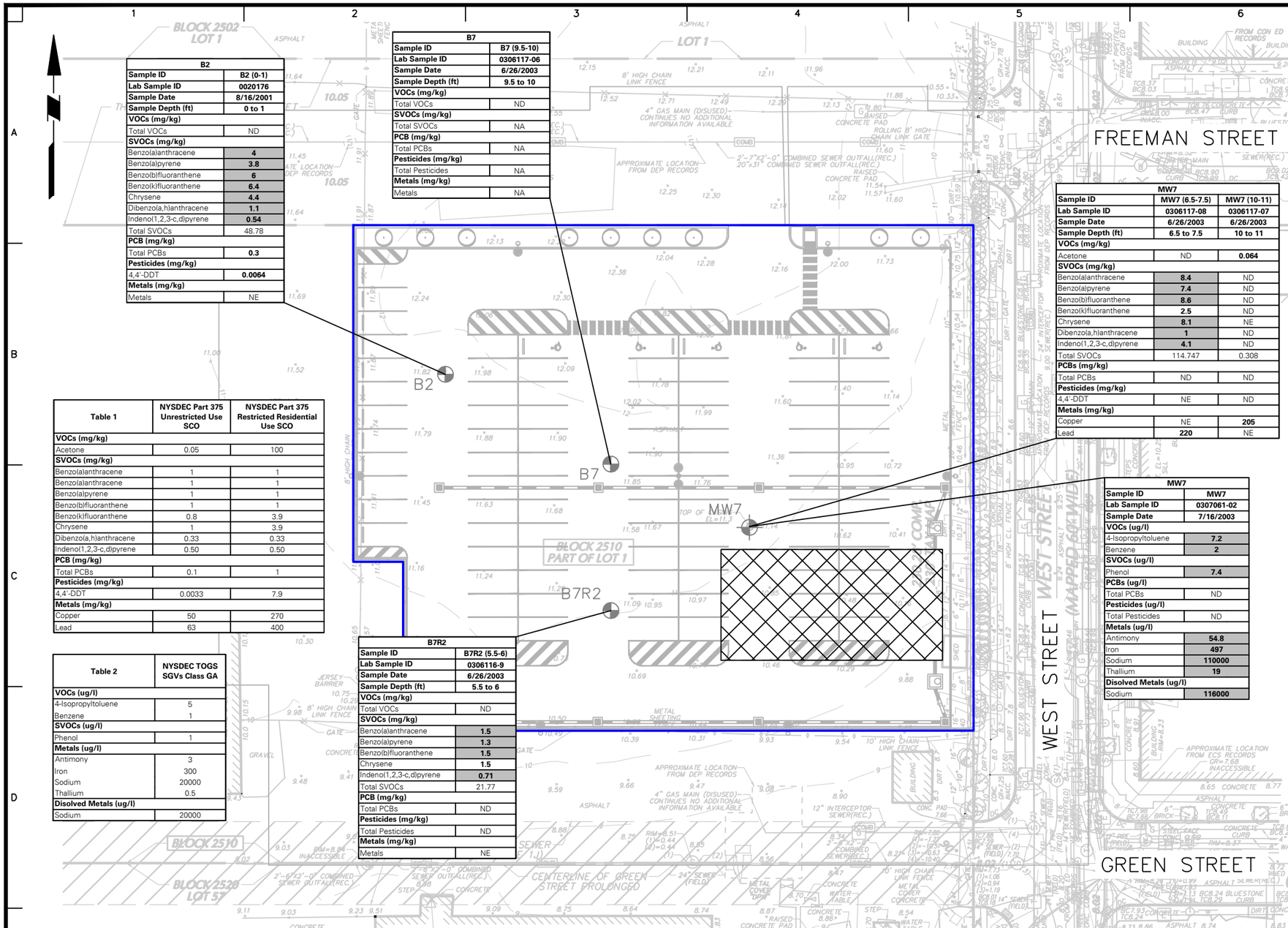
Filename: \\langan.com\data\NY\data0\170229001\Cadd Data - 170229001\SheetFiles\Environmental-L&M Parking Facility\RIR\Figure 2 - Site Plan.dwg Date: 1/26/2016 Time: 12:37 User: aschmiedicke Style Table: Langan.stb Layout: ANSIB-BL



B2	
Sample ID	**B2 (0-1)**
Lab Sample ID	**0020176**
Sample Date	**8/16/2001**
Sample Depth (ft)	**0 to 1**
VOCs (mg/kg)	
Total VOCs	ND
SVOCs (mg/kg)	
Benzo(a)anthracene	**4**
Benzo(a)pyrene	**3.8**
Benzo(b)fluoranthene	**6**
Benzo(k)fluoranthene	**6.4**
Chrysene	**4.4**
Dibenzo(a,h)anthracene	**1.1**
Indeno(1,2,3-c,d)pyrene	**0.54**
Total SVOCs	48.78
PCB (mg/kg)	
Total PCBs	**0.3**
Pesticides (mg/kg)	
4,4'-DDT	**0.0064**
Metals (mg/kg)	
Metals	NE

B7	
Sample ID	**B7 (9.5-10)**
Lab Sample ID	**0306117-06**
Sample Date	**6/26/2003**
Sample Depth (ft)	**9.5 to 10**
VOCs (mg/kg)	
Total VOCs	ND
SVOCs (mg/kg)	
Total SVOCs	NA
PCB (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Metals	NA

MW7		
Sample ID	**MW7 (6.5-7.5)**	**MW7 (10-11)**
Lab Sample ID	**0306117-08**	**0306117-07**
Sample Date	**6/26/2003**	**6/26/2003**
Sample Depth (ft)	**6.5 to 7.5**	**10 to 11**
VOCs (mg/kg)		
Acetone	ND	**0.064**
SVOCs (mg/kg)		
Benzo(a)anthracene	**8.4**	ND
Benzo(a)pyrene	**7.4**	ND
Benzo(b)fluoranthene	**8.6**	ND
Benzo(k)fluoranthene	**2.5**	ND
Chrysene	**8.1**	NE
Dibenzo(a,h)anthracene	**1**	ND
Indeno(1,2,3-c,d)pyrene	**4.1**	ND
Total SVOCs	114.747	0.308
PCBs (mg/kg)		
Total PCBs	ND	ND
Pesticides (mg/kg)		
4,4'-DDT	NE	ND
Metals (mg/kg)		
Copper	NE	**205**
Lead	**220**	NE

MW7	
Sample ID	**MW7**
Lab Sample ID	**0307061-02**
Sample Date	**7/16/2003**
VOCs (ug/l)	
4-Isopropyltoluene	**7.2**
Benzene	**2**
SVOCs (ug/l)	
Phenol	**7.4**
PCBs (ug/l)	
Total PCBs	ND
Pesticides (ug/l)	
Total Pesticides	ND
Metals (ug/l)	
Antimony	**54.8**
Iron	**497**
Sodium	**110000**
Thallium	**19**
Disolved Metals (ug/l)	
Sodium	**116000**

Table 1	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential Use SCO
VOCs (mg/kg)		
Acetone	0.05	100
SVOCs (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-c,d)pyrene	0.50	0.50
PCB (mg/kg)		
Total PCBs	0.1	1
Pesticides (mg/kg)		
4,4'-DDT	0.0033	7.9
Metals (mg/kg)		
Copper	50	270
Lead	63	400

Table 2	NYSDEC TOGS SGVs Class GA
VOCs (ug/l)	
4-Isopropyltoluene	5
Benzene	1
SVOCs (ug/l)	
Phenol	1
Metals (ug/l)	
Antimony	3
Iron	300
Sodium	20000
Thallium	0.5
Disolved Metals (ug/l)	
Sodium	20000

B7R2	
Sample ID	**B7R2 (5.5-6)**
Lab Sample ID	**0306116-9**
Sample Date	**6/26/2003**
Sample Depth (ft)	**5.5 to 6**
VOCs (mg/kg)	
Total VOCs	ND
SVOCs (mg/kg)	
Benzo(a)anthracene	**1.5**
Benzo(a)pyrene	**1.3**
Benzo(b)fluoranthene	**1.5**
Chrysene	**1.5**
Indeno(1,2,3-c,d)pyrene	**0.71**
Total SVOCs	21.77
PCB (mg/kg)	
Total PCBs	ND
Pesticides (mg/kg)	
Total Pesticides	ND
Metals (mg/kg)	
Metals	NE

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF PROPOSED ON-SITE STORMWATER MANAGEMENT SYSTEM
- B7 — PREVIOUS SOIL BORING LOCATION AND ID (AKRF 2004)
- MW7 — PREVIOUS MONITORING WELL LOCATION AND ID (AKRF 2004)

GENERAL NOTES

1. BASE MAP IS TAKEN FROM LANGAN SURVEY "170229002 GREENPOINT LANDING BLOCK 2510 PART OF LOT 1 NAVD88" DATED NOVEMBER 17, 2015.
2. SOIL BORING LOCATIONS ARE APPROXIMATE.
3. ONLY ANALYTES WITH DETECTIONS ABOVE REGULATORY CRITERIA ARE SHOWN IN FIGURE.
4. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE 6 NYCRR PART 375-6.8(A,B) UNRESTRICTED USE AND RESTRICTED-RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOS) (TABLE 1)
5. GROUNDWATER ANALYTICAL RESULTS ARE COMPARED TO NYSDEC TECHNICAL OPERATIONAL AND GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES (SGVS) FOR CLASS GA WATER (TABLE 2)
6. SOIL RESULTS EXCEEDING UNRESTRICTED USE SCOS ARE BOLDED. SOIL RESULTS EXCEEDING RESTRICTED-RESIDENTIAL USE SCOS ARE BOLDED AND SHADED.
7. GROUNDWATER RESULTS EXCEEDING TOGS SGVS ARE BOLDED AND SHADED.
8. mg/kg – MILLIGRAM PER KILOGRAM
9. ug/L – MICROGRAMS PER LITER
10. VOC – VOLATILE ORGANIC COMPOUND
11. SVOC – SEMIVOLATILE ORGANIC COMPOUND
12. PCBS – POLYCHLORINATED BIPHENYLS
13. ND – NOT DETECTED
14. NA – NOT ANALYZED
15. NE – NO EXCEEDANCE
16. ELEVATIONS REFER TO THE NATIONAL VERTICAL DATUM OF 1998 (NAVD88), WHICH IS APPROXIMATELY 1.1 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY AS DEFINED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS NGVD 1929).

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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Project
GREENPOINT LANDING
BLOCK No. 2510, p/o LOT No.1
BROOKLYN
KINGS NEW YORK

Figure Title
PREVIOUS SAMPLING RESULTS MAP (AKRF 2004)
TEMPORARY ACCESSORY PARKING FACILITY

Project No. 170229002	Figure No. 3
Date 1/26/2016	
Scale 1" = 40'	
Drawn By GCW / Checked By MSR	
Submission Date	Sheet 3 of 4

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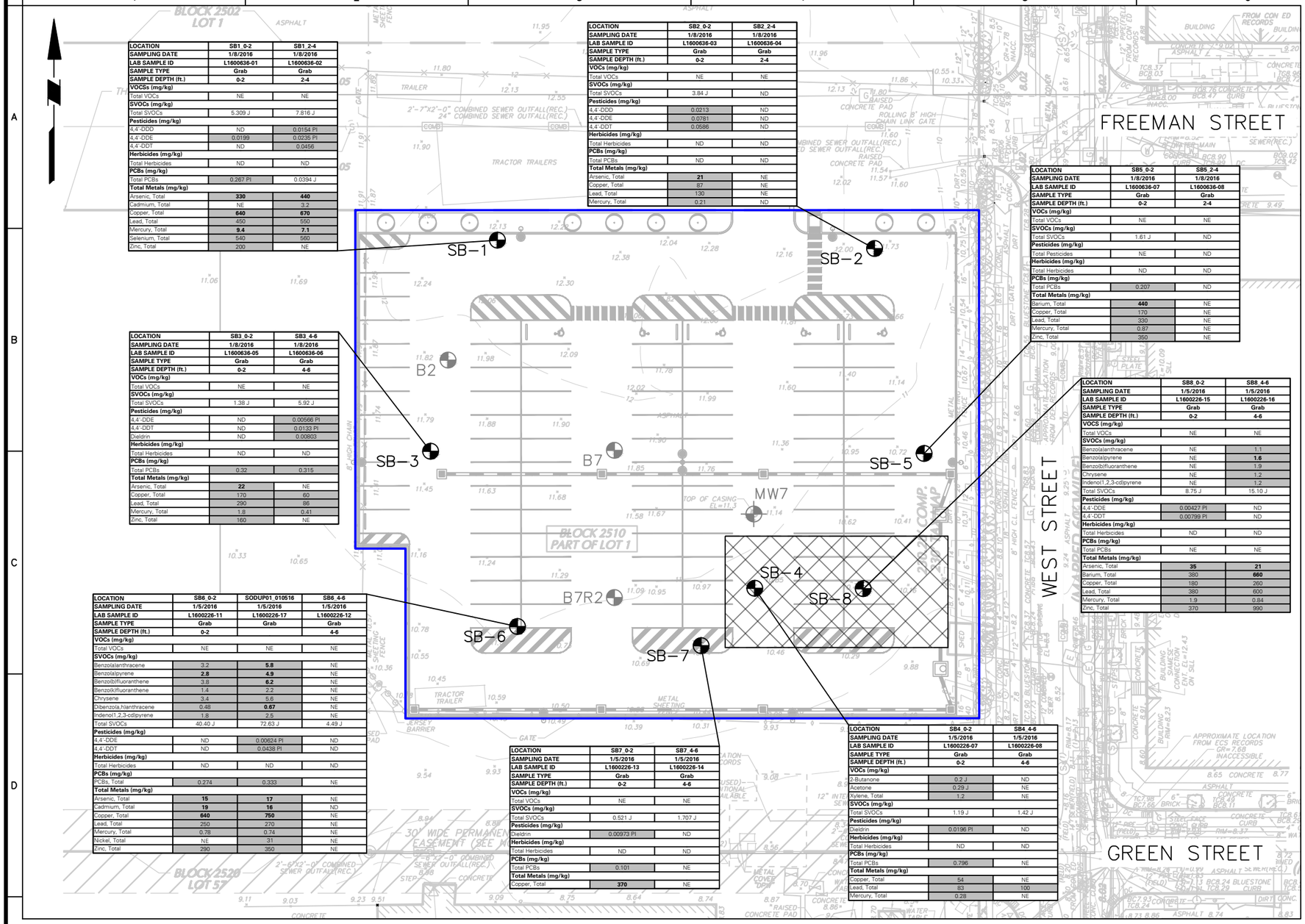

LOCATION	SB1_0-2	SB1_2-4
SAMPLING DATE	1/8/2016	1/8/2016
LAB SAMPLE ID	L1600636-01	L1600636-02
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	2-4
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	5.309 J	7.816 J
Pesticides (mg/kg)		
4,4'-DDD	ND	0.0154 PI
4,4'-DDE	0.0199	0.0235 PI
4,4'-DDT	ND	0.0456
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	0.267 PI	0.0394 J
Total Metals (mg/kg)		
Arsenic, Total	330	440
Cadmium, Total	NE	3.2
Copper, Total	640	670
Lead, Total	450	550
Mercury, Total	9.4	7.1
Selenium, Total	540	560
Zinc, Total	200	NE

LOCATION	SB2_0-2	SB2_2-4
SAMPLING DATE	1/8/2016	1/8/2016
LAB SAMPLE ID	L1600636-03	L1600636-04
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	2-4
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	3.84 J	ND
Pesticides (mg/kg)		
4,4'-DDD	0.0213	ND
4,4'-DDE	0.0781	ND
4,4'-DDT	0.0686	ND
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	ND	ND
Total Metals (mg/kg)		
Arsenic, Total	21	NE
Copper, Total	87	NE
Lead, Total	130	NE
Mercury, Total	0.21	ND

LOCATION	SB5_0-2	SB5_2-4
SAMPLING DATE	1/8/2016	1/8/2016
LAB SAMPLE ID	L1600636-07	L1600636-08
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	2-4
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	1.61 J	ND
Pesticides (mg/kg)		
Total Pesticides	NE	ND
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	0.207	ND
Total Metals (mg/kg)		
Barium, Total	440	NE
Copper, Total	170	NE
Lead, Total	330	NE
Mercury, Total	0.87	NE
Zinc, Total	350	NE

LOCATION	SB3_0-2	SB3_4-6
SAMPLING DATE	1/8/2016	1/8/2016
LAB SAMPLE ID	L1600636-05	L1600636-06
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	4-6
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	1.38 J	5.92 J
Pesticides (mg/kg)		
4,4'-DDE	ND	0.00566 PI
4,4'-DDT	ND	0.0133 PI
Dieldrin	ND	0.00803
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	0.32	0.315
Total Metals (mg/kg)		
Arsenic, Total	22	NE
Copper, Total	170	60
Lead, Total	290	86
Mercury, Total	1.8	0.41
Zinc, Total	160	NE

LOCATION	SB8_0-2	SB8_4-6
SAMPLING DATE	1/5/2016	1/5/2016
LAB SAMPLE ID	L1600226-15	L1600226-16
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	4-6
VOCS (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Benzo(a)anthracene	NE	1.1
Benzo(a)pyrene	NE	**1.6**
Benzo(b)fluoranthene	NE	1.9
Chrysene	NE	1.2
Indeno(1,2,3-cd)pyrene	NE	1.2
Total SVOCs	8.75 J	15.10 J
Pesticides (mg/kg)		
4,4'-DDE	0.00427 PI	ND
4,4'-DDT	0.00799 PI	ND
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	NE	NE
Total Metals (mg/kg)		
Arsenic, Total	35	21
Barium, Total	380	**560**
Copper, Total	190	260
Lead, Total	380	600
Mercury, Total	1.9	0.84
Zinc, Total	370	990

LOCATION	SB6_0-2	SODUP01_010516	SB6_4-6
SAMPLING DATE	1/5/2016	1/5/2016	1/5/2016
LAB SAMPLE ID	L1600226-11	L1600226-17	L1600226-12
SAMPLE TYPE	Grab	Grab	Grab
SAMPLE DEPTH (ft.)	0-2		4-6
VOCs (mg/kg)			
Total VOCs	NE	NE	NE
SVOCs (mg/kg)			
Benzo(a)anthracene	3.2	**5.8**	NE
Benzo(a)pyrene	**2.8**	**4.9**	NE
Benzo(b)fluoranthene	3.8	**6.2**	NE
Benzo(k)fluoranthene	1.4	2.2	NE
Chrysene	3.4	5.6	NE
Dibenzo(a,h)anthracene	0.48	**0.67**	NE
Indeno(1,2,3-cd)pyrene	1.8	2.5	NE
Total SVOCs	40.40 J	72.63 J	4.49 J
Pesticides (mg/kg)			
4,4'-DDE	ND	0.00624 PI	ND
4,4'-DDT	ND	0.0438 PI	ND
Herbicides (mg/kg)			
Total Herbicides	ND	ND	ND
PCBs (mg/kg)			
PCBs, Total	0.274	0.333	NE
Total Metals (mg/kg)			
Arsenic, Total	**15**	**17**	NE
Cadmium, Total	**19**	**16**	ND
Copper, Total	**640**	**750**	NE
Lead, Total	250	270	NE
Mercury, Total	0.78	0.74	NE
Nickel, Total	NE	31	NE
Zinc, Total	290	350	NE

LOCATION	SB7_0-2	SB7_4-6
SAMPLING DATE	1/5/2016	1/5/2016
LAB SAMPLE ID	L1600226-13	L1600226-14
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	4-6
VOCs (mg/kg)		
Total VOCs	NE	NE
SVOCs (mg/kg)		
Total SVOCs	0.521 J	1.707 J
Pesticides (mg/kg)		
Dieldrin	0.00973 PI	ND
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	0.101	NE
Total Metals (mg/kg)		
Copper, Total	**370**	NE

LOCATION	SB4_0-2	SB4_4-6
SAMPLING DATE	1/5/2016	1/5/2016
LAB SAMPLE ID	L1600226-07	L1600226-08
SAMPLE TYPE	Grab	Grab
SAMPLE DEPTH (ft.)	0-2	4-6
VOCs (mg/kg)		
2-Butanone	0.2 J	ND
Acetone	0.29 J	NE
Xylene, Total	1.2	NE
SVOCs (mg/kg)		
Total SVOCs	1.19 J	1.42 J
Pesticides (mg/kg)		
Dieldrin	0.0196 PI	ND
Herbicides (mg/kg)		
Total Herbicides	ND	ND
PCBs (mg/kg)		
Total PCBs	0.796	NE
Total Metals (mg/kg)		
Copper, Total	54	NE
Lead, Total	83	100
Mercury, Total	0.28	NE

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF PROPOSED ON-SITE STORMWATER MANAGEMENT SYSTEM
- B7 — PREVIOUS SOIL BORING LOCATION AND ID (AKRF 2004)
- MW7 — PREVIOUS MONITORING WELL LOCATION AND ID (AKRF 2004)
- SB-1 — SOIL BORING LOCATION AND ID (LANGAN 2016)

GENERAL NOTES

1. BASE MAP IS TAKEN FROM LANGAN SURVEY "170229002 GREENPOINT LANDING BLOCK 2510 PART OF LOT 1 NAVD88" DATED NOVEMBER 17, 2015.
2. SOIL BORING LOCATIONS ARE APPROXIMATE.
3. ONLY ANALYTES WITH DETECTIONS ABOVE REGULATORY CRITERIA ARE SHOWN IN FIGURE.
4. SOIL ANALYTICAL RESULTS ARE COMPARED TO THE 6 NYCRR PART 375-6.8(A,B) UNRESTRICTED USE AND RESTRICTED-RESIDENTIAL SOIL CLEANUP OBJECTIVES (SCOS) (SEE TABLE BELOW).
5. mg/kg – MILLIGRAM PER KILOGRAM
6. VOC – VOLATILE ORGANIC COMPOUND
7. SVOC – SEMIVOLATILE ORGANIC COMPOUND
8. PCBS – POLYCHLORINATED BIPHENYLS
9. SOIL RESULTS EXCEEDING UNRESTRICTED USE SCOS ARE SHADED. SOIL RESULTS EXCEEDING COMMERCIAL USE SCOS ARE BOLDED AND SHADED.
10. ND – NOT DETECTED
11. NE – NO EXCEEDANCE
12. J – THE ANALYTE WAS DETECTED ABOVE THE METHOD DETECTION LIMIT (MDL), BUT BELOW THE REPORTING LIMIT (RL); THEREFORE, THE RESULT IS AN ESTIMATED CONCENTRATION.
13. P – THE RELATIVE PERCENT DIFFERENCE (RPD) BETWEEN THE RESULTS FOR THE TWO COLUMNS EXCEEDS THE METHOD-SPECIFIED CRITERIA.
14. I – THE LOWER VALUE FOR THE TWO COLUMNS HAS BEEN REPORTED DUE TO OBVIOUS INTERFERENCE.
15. ELEVATIONS REFER TO THE NATIONAL VERTICAL DATUM OF 1998 (NAVD88), WHICH IS APPROXIMATELY 1.1 FEET ABOVE MEAN SEA LEVEL DATUM AT SANDY HOOK, NEW JERSEY AS DEFINED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS NGVD 1929).

Parameter	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Commercial Use SCOs
VOCS (mg/kg)		
2-Butanone	0.12	500
Acetone	0.05	500
Xylene, Total	0.26	500
SVOCs (mg/kg)		
Benzo(a)anthracene	1	5.6
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	5.6
Benzo(k)fluoranthene	0.8	56
Chrysene	1	56
Dibenzo(a,h)anthracene	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.5	5.6
Pesticides (mg/kg)		
4,4'-DDD	0.0033	92
4,4'-DDE	0.0033	62
4,4'-DDT	0.0033	47
Dieldrin	0.005	1.4
Herbicides (mg/kg)		
Total Herbicides	–	–
PCBs (mg/kg)		
Total PCBs	0.1	1
Total Metals (mg/kg)		
Arsenic, Total	13	16
Barium, Total	350	400
Cadmium, Total	2.5	9.3
Copper, Total	50	270
Lead, Total	63	1000
Mercury, Total	0.18	2.8
Nickel, Total	30	310
Selenium, Total	3.9	1500
Zinc, Total	109	10000

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Project
GREENPOINT LANDING
BLOCK No. 2510, p/o LOT No.1
BROOKLYN
KINGS NEW YORK

Figure Title
SAMPLING LOCATIONS AND ANALYTICAL RESULTS MAP
TEMPORARY ACCESSORY PARKING FACILITY

Project No. 170229002
Date 1/29/2016
Scale 1" = 40'
Drawn By GCW
Checked By MSR
Submission Date

Figure No. 4

Sheet 4 of 4

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TABLES

Table 1
Soil and QA/QC Sample Summary

Remedial Investigation Report
Greenpoint Landing - Parking Facility
Brooklyn, New York
Langan Project No. 170229002

SOIL SAMPLES				
Boring Number	**Actual Sample ID**	**Sample Type**	**Depth (ft bgs)**	**Analyses**
SB-1	SB1_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB1_2-4	Grab	2 to 4	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-2	SB2_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB2_2-4	Grab	2 to 4	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-3	SB3_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB3_4-6	Grab	4 to 6	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-4	SB4_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB4_4-6	Grab	4 to 6	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-5	SB5_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB5_2-4	Grab	2 to 4	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-6	SB6_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB6_4-6	Grab	4 to 6	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-7	SB7_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB7_4-6	Grab	4 to 6	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SB-8	SB8_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
	SB8_4-6	Grab	4 to 6	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
QA/QC SAMPLES				
Sample ID	**Sample Reason**	**Sample Type**	**Depth (ft bgs)**	**Analyses**
SODUP01_010516	Field Duplicate of SB-6_0-2	Grab	0 to 2	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SOFB01_010516	Field Blank	Grab	N/A	Part 375/TCL/TAL List (VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals), Cyanide, Trivalent Chromium, Hex Chromium
SOTB01_010516	Trip Blank	Grab	N/A	Part 375/TCL/TAL List (VOCs)
SOTB02_010816	Trip Blank	Grab	N/A	Part 375/TCL/TAL List (VOCs)

Notes:

1. Analytical Services Protocol (ASP) Category A Deliverables received from the laboratory.
2. VOC samples were collected using EnCore sampling devices
3. VOCs - volatile organic compounds
4. SVOCs - Semivolatile organic compounds
5. PCBs - Polychlorinated biphenyls
6. QA/QC - Quality Assurance/Quality Control Samples
7. TCL - Target Compound List
8. TAL - Target Analyte List

Table 2

Soil Sample Detections Summary - VOCs

Remedial Investigation Report
Greenpoint Landing - Parking Facility
Brooklyn, New York
Langan Project No. 170229002

LOCATION	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Commercial Use SCOs	SB1_0-2	SB1_2-4	SB2_0-2	SB2_2-4	SB3_0-2	SB3_4-6	SB4_0-2	SB4_4-6	SB5_0-2	SB5_2-4	SB6_0-2	SODUP01_010516	SB6_4-6	SB7_0-2	SB7_4-6	SB8_0-2	SB8_4-6
SAMPLING DATE			1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016
LAB SAMPLE ID			L1600636-01	L1600636-02	L1600636-03	L1600636-04	L1600636-05	L1600636-06	L1600226-07	L1600226-08	L1600636-07	L1600636-08	L1600226-11	L1600226-17	L1600226-12	L1600226-13	L1600226-14	L1600226-15	L1600226-16
SAMPLE TYPE			Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
SAMPLE DEPTH (ft bgs)			0-2	2-4	0-2	2-4	0-2	4-6	0-2	4-6	0-2	2-4	0-2		4-6	0-2	4-6	0-2	4-6
VOCs (mg/kg)																			
1,1,1-Trichloroethane	0.68	500	0.0014 U	0.003 U	0.0004 J	0.0014 U	0.0015 U	0.0016 U	0.06 U	0.0015 U	0.0014 U	0.0014 U	0.0013 U	0.0013 U	0.0014 U	0.001 U	0.0014 U	0.0012 U	0.0014 U
1,2,4,5-Tetramethylbenzene	~	~	0.0054 U	0.012 U	0.0052 U	0.0054 U	0.006 U	0.0066 U	0.24 U	0.0059 U	0.0054 U	0.0055 U	0.0052 U	0.0051 U	0.0058 U	0.00099 J	0.0054 U	0.005 U	0.00051 J
1,2,4-Trimethylbenzene	3.6	190	0.0068 U	0.015 U	0.0065 U	0.0068 U	0.0075 U	0.0083 U	0.022 J	0.0074 U	0.0068 U	0.0069 U	0.0065 U	0.0064 U	0.0072 U	0.0039 J	0.0068 U	0.0062 U	0.00088 J
1,3,5-Trimethylbenzene	8.4	190	0.0068 U	0.015 U	0.0065 U	0.0068 U	0.0075 U	0.0083 U	0.3 U	0.0074 U	0.0068 U	0.0069 U	0.0065 U	0.0064 U	0.0072 U	0.0018 J	0.0068 U	0.0062 U	0.0068 U
1,4-Dichlorobenzene	1.8	130	0.0068 U	0.015 U	0.0065 U	0.0068 U	0.0075 U	0.0083 U	0.3 U	0.0074 U	0.0068 U	0.00035 J	0.0065 U	0.0064 U	0.0072 U	0.0053 U	0.0068 U	0.0062 U	0.0068 U
2-Butanone	0.12	500	0.014 U	0.03 U	0.013 U	0.014 U	0.015 U	0.016 U	0.2 J	0.015 U	0.014 U	0.014 U	0.013 U	0.013 U	0.014 U	0.01 U	0.014 U	0.012 U	0.0031 J
Acetone	0.05	500	0.012 J	0.039	0.026	0.011 J	0.015 U	0.016 U	0.29 J	0.011 J	0.014 U	0.014 U	0.0098 J	0.011 U	0.015	0.024	0.0076 J	0.019	0.022
Benzene	0.06	44	0.00091 J	0.003 U	0.00093 J	0.0014 U	0.0015 U	0.0016 U	0.06 U	0.0015 U	0.0014 U	0.0014 U	0.00032 J	0.0013 U	0.0014 U	0.001 U	0.0014 U	0.00036 J	0.00049 J
Carbon disulfide	~	~	0.014 U	0.03 U	0.0057 J	0.014 U	0.015 U	0.016 U	0.6 U	0.015 U	0.014 U	0.014 U	0.013 U	0.013 U	0.014 U	0.01 U	0.014 U	0.012 U	0.014 U
Chloroform	0.37	350	0.002 U	0.0045 U	0.0009 J	0.002 U	0.0022 U	0.0025 U	0.09 U	0.0022 U	0.002 U	0.0021 U	0.0019 U	0.0019 U	0.0022 U	0.0016 U	0.002 U	0.0019 U	0.002 U
Cyclohexane	~	~	0.00085 J	0.06 U	0.002 J	0.027 U	0.03 U	0.033 U	1.2 U	0.03 U	0.027 U	0.028 U	0.00061 J	0.026 U	0.029 U	0.021 U	0.027 U	0.00058 J	0.001 J
Ethylbenzene	1	390	0.0014 U	0.003 U	0.0013 U	0.0014 U	0.0015 U	0.0016 U	0.24	0.0016	0.0014 U	0.0014 U	0.0013 U	0.0013 U	0.0014 U	0.048	0.0047	0.0012 U	0.0014 U
Isopropylbenzene	~	~	0.0014 U	0.003 U	0.0013 U	0.0014 U	0.0015 U	0.0016 U	0.06 U	0.0015 U	0.0014 U	0.0014 U	0.0013 U	0.0013 U	0.0014 U	0.0012	0.0014 U	0.0012 U	0.0014 U
Methyl cyclohexane	~	~	0.00066 J	0.012 U	0.002 J	0.0054 U	0.006 U	0.0066 U	0.021 J	0.00047 J	0.0054 U	0.0055 U	0.00068 J	0.0051 U	0.0058 U	0.0042 U	0.0054 U	0.00096 J	0.0018 J
Naphthalene	12	500	0.0068 U	0.015 U	0.0065 U	0.0068 U	0.0075 U	0.0083 U	0.022 J	0.0074 U	0.0068 U	0.0069 U	0.0015 J	0.0033 -	0.00053 J	0.0026 J	0.00051 J	0.00025 J	0.00036 J
n-Propylbenzene	3.9	500	0.0014 U	0.003 U	0.0013 U	0.0014 U	0.0015 U	0.0016 U	0.06 U	0.0015 U	0.0014 U	0.0014 U	0.0013 U	0.0013 U	0.0014 U	0.00065 J	0.0014 U	0.0012 U	0.0014 U
o-Xylene	~	~	0.0027 U	0.006 U	0.0026 U	0.0027 U	0.003 U	0.0033 U	0.46	0.0024 U	0.0027 U	0.0028 U	0.0026 U	0.0026 U	0.0029 U	0.09	0.0088	0.0025 U	0.0027 U
p/m-Xylene	~	~	0.0006 J	0.006 U	0.00065 J	0.0027 U	0.003 U	0.0033 U	1.2	0.0068	0.0027 U	0.0028 U	0.00035 J	0.0026 U	0.0029 U	0.22	0.021	0.0025 U	0.0027 U
p-Diethylbenzene	~	~	0.0054 U	0.012 U	0.0052 U	0.0054 U	0.006 U	0.0066 U	0.24 U	0.0059 U	0.0054 U	0.0055 U	0.0052 U	0.0051 U	0.0058 U	0.0025 J	0.0054 U	0.005 U	0.0055 U
p-Ethyltoluene	~	~	0.0054 U	0.012 U	0.0052 U	0.0054 U	0.006 U	0.0066 U	0.02 J	0.0059 U	0.0054 U	0.0055 U	0.0052 U	0.0051 U	0.0058 U	0.0032 J	0.00035 J	0.005 U	0.0055 U
p-Isopropyltoluene	~	~	0.0014 U	0.003 U	0.0013 U	0.0014 U	0.0015 U	0.0016 U	0.06 U	0.0015 U	0.0014 U	0.0014 U	0.0013 U	0.0013 U	0.0014 U	0.00029 J	0.0014 U	0.0012 U	0.0014 U
Tetrachloroethene	1.3	150	0.0014 U	0.003 U	0.0013 U	0.0014 U	0.0015 U	0.0016 U	0.027 J	0.00068 J	0.0014 U	0.0014 U	0.0018	0.00075 J	0.0014 U	0.00074 J	0.0015	0.0028	0.002
Toluene	0.7	500	0.002 U	0.0045 U	0.002 U	0.002 U	0.00046 J	0.00033 J	0.09 U	0.0022 U	0.00029 J	0.0017 J	0.0019 U	0.0019 U	0.0022 U	0.0016 U	0.002 U	0.0019 U	0.002 U
Xylene, Total	0.26	500	0.0006 J	0.0006 U	0.00065 J	0.0027 U	0.003 U	0.0033 U	1.2	0.0068	0.0027 U	0.0028 U	0.00035 J	0.0026 U	0.0029 U	0.22	0.021	0.0025 U	0.0027 U

Notes:
1. Soil sample analytical results are compared to the Title 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Commercial Use Soil Cleanup Objectives (SCOs).
2. Only analytes with detections are shown.
3. Analytes exceeding their Part 375 Unrestricted Use SCOs are highlighted. No analytes exceeded their NYSDEC Part 375 Commercial Use SCOs.
4. mg/kg = milligrams per kilogram
5. VOC = Volatile organic compound
6. ~ = No criterion exists for this analyte
7. SODUP01_010516 is a duplicate of parent sample SB6_0-2
8. ft bgs = feet below grade surface

Qualifiers:
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reporting Limit (RL); the value shown in the table is the RL.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.

Table 3

Soil Sample Detections Summary - SVOCs

Remedial Investigation Report
Greenpoint Landing - Parking Facility
Brooklyn, New York
Langan Project No. 170229002

LOCATION	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Commercial Use SCOs	SB1_0-2	SB1_2-4	SB2_0-2	SB2_2-4	SB3_0-2	SB3_4-6	SB4_0-2	SB4_4-6	SB5_0-2	SB5_2-4	SB6_0-2	SODUP01_010516	SB6_4-6	SB7_0-2	SB7_4-6	SB8_0-2	SB8_4-6
SAMPLING DATE			1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016
LAB SAMPLE ID			L1600636-01	L1600636-02	L1600636-03	L1600636-04	L1600636-05	L1600636-06	L1600226-07	L1600226-08	L1600636-07	L1600636-08	L1600226-11	L1600226-17	L1600226-12	L1600226-13	L1600226-14	L1600226-15	L1600226-16
SAMPLE TYPE			Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
SAMPLE DEPTH (ft bgs)			0-2	2-4	0-2	2-4	0-2	4-6	0-2	4-6	0-2	2-4	0-2		4-6	0-2	4-6	0-2	4-6
SVOCs (mg/kg)																			
1,2,4-Trichlorobenzene	~	~	0.042 J	0.032 J	0.35 U	0.18 U	0.21 U	0.37 U	0.87 U	0.19 U	0.92 U	0.19 U	0.19 U	0.37 U	0.19 U	0.36 U	0.19 U	0.35 U	0.18 U
1,3-Dichlorobenzene	2.4	280	0.035 J	0.26 U	0.35 U	0.18 U	0.21 U	0.37 U	0.87 U	0.19 U	0.92 U	0.19 U	0.19 U	0.37 U	0.19 U	0.36 U	0.19 U	0.35 U	0.18 U
2-Methylnaphthalene	~	~	0.33	0.068 J	0.13 J	0.22 U	0.067 J	0.055 J	1 U	0.23 U	1.1 U	0.23 U	0.38	0.35 J	0.23 U	0.43 U	0.032 J	0.19 J	0.1 J
3-Methylphenol/4-Methylphenol	0.33	500	0.28 U	*0.37* U	*0.51* U	0.27 U	0.035 J	*0.53* U	*1.2* U	0.27 U	*1.3* U	0.27 U	0.042 J	*0.54* U	0.27 U	*0.52* U	0.28 U	*0.51* U	0.26 U
Acenaphthene	20	500	0.15 U	0.21 U	0.28 U	0.15 U	0.17 U	0.075 J	0.69 U	0.15 U	0.74 U	0.15 U	0.48	1	0.02 J	0.29 U	0.022 J	0.055 J	0.042 J
Acenaphthylene	100	500	0.045 J	0.21 U	0.064 J	0.15 U	0.17 U	0.3 U	0.69 U	0.15 U	0.74 U	0.15 U	0.37	0.42	0.12 J	0.29 U	0.15 U	0.094 J	0.34
Anthracene	100	500	0.088 J	0.14 J	0.097 J	0.11 U	0.13 U	0.19 J	0.52 U	0.052 J	0.55 U	0.11 U	1.2	2.3	0.082 J	0.22 U	0.052 J	0.17 J	0.3
Benzo(a)anthracene	1	5.6	0.27	0.29	0.32	0.11 U	0.082 J	0.47	0.14 J	0.13	0.18 J	0.11 U	3.2	**5.8**	0.35	0.072 J	0.12	0.75	1.1
Benzo(a)pyrene	1	1	0.25	0.12 J	0.29	0.15 U	0.079 J	0.36	0.69 U	0.1 J	0.74 U	0.15 U	**2.8**	**4.9**	0.57	0.29 U	0.1 J	0.72	**1.6**
Benzo(b)fluoranthene	1	5.6	0.65	1.6	0.42	0.11 U	0.17	0.54	0.23 J	0.14	0.22 J	0.11 U	3.8	**6.2**	0.9	0.22 U	0.15	0.93	1.9
Benzo(ghi)perylene	100	500	0.38	0.59	0.22 J	0.15 U	0.093 J	0.22 J	0.69 U	0.069 J	0.14 J	0.15 U	1.8	2.4	0.33	0.29 U	0.073 J	0.52	1.9
Benzo(k)fluoranthene	0.8	56	0.2	0.41	0.14 J	0.11 U	0.05 J	0.17 J	0.52 U	0.039 J	0.55 U	0.11 U	1.4	2.2	0.29	0.22 U	0.051 J	0.36	0.61
Biphenyl	~	~	0.068 J	0.1 J	0.8 U	0.42 U	0.48 U	0.85 U	2 U	0.43 U	2.1 U	0.44 U	0.081 J	0.094 J	0.43 U	0.82 U	0.44 U	0.81 U	0.42 U
Bis(2-ethylhexyl)phthalate	~	~	0.19 U	0.26 U	0.35 U	0.18 U	0.21 U	0.37 U	0.87 U	0.19 U	0.92 U	0.19 U	0.24	0.37 U	0.19 U	0.36 U	0.19 U	0.35 U	0.18 U
Carbazole	~	~	0.033 J	0.026 J	0.35 U	0.18 U	0.21 U	0.075 J	0.87 U	0.02 J	0.92 U	0.19 U	0.59	0.99	0.039 J	0.36 U	0.02 J	0.052 J	0.074 J
Chrysene	1	56	0.48	0.76	0.36	0.11 U	0.17	0.53	0.17 J	0.11	0.21 J	0.11 U	3.4	5.6	0.36	0.11 J	0.15	0.78	1.2
Dibenzo(a,h)anthracene	0.33	0.56	0.065 J	0.1 J	0.059 J	0.11 U	0.024 J	0.082 J	*0.52* U	0.11 U	*0.55* U	0.11 U	0.48	**0.67**	0.1 J	0.22 U	0.024 J	0.12 J	0.26
Dibenzofuran	7	350	0.066 J	0.21 J	0.35 U	0.18 U	0.21 U	0.066 J	0.87 U	0.19 U	0.92 U	0.19 U	0.38	0.58	0.19 U	0.36 U	0.19 U	0.35 U	0.033 J
Di-n-butylphthalate	~	~	0.19 U	0.26 U	0.35 U	0.18 U	0.21 U	0.37 U	0.87 U	0.19 U	0.92 U	0.19 U	0.12 J	0.1 J	0.19 U	0.36 U	0.19 U	0.35 U	0.18 U
Fluoranthene	100	500	0.65	0.98	0.52	0.11 U	0.15	0.98	0.23 J	0.26	0.33 J	0.11 U	5.3	12	0.53	0.12 J	0.28	1.2	1.7
Fluorene	30	500	0.027 J	0.26 U	0.35 U	0.18 U	0.21 U	0.1 J	0.87 U	0.19 U	0.92 U	0.19 U	0.56	1	0.026 J	0.36 U	0.028 J	0.053 J	0.063 J
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.35	0.7	0.2 J	0.15 U	0.076 J	0.22 J	*0.69* U	0.073 J	*0.74* U	0.15 U	1.8	2.5	0.33	0.29 U	0.069 J	0.47	1.2
Naphthalene	12	500	0.21	0.47	0.1 J	0.18 U	0.04 J	0.37 U	0.87 U	0.19 U	0.92 U	0.19 U	0.48	0.53	0.19 U	0.36 U	0.026 J	0.074 J	0.055 J
Phenanthrene	100	500	0.46	0.76	0.4	0.11 U	0.12 J	1	0.14 J	0.21	0.22 J	0.11 U	6.2	11	0.27	0.089 J	0.26	0.81	0.72
Pyrene	100	500	0.61	0.46	0.52	0.11 U	0.22	0.79	0.28 J	0.22	0.31 J	0.11 U	5.3	12	0.47	0.13 J	0.25	1.4	1.9
Total SVOCs	~	~	5.309 J	7.816 J	3.84 J	ND	1.38 J	5.92 J	1.19 J	1.42 J	1.61 J	ND	40.40 J	72.63 J	4.79 J	0.521 J	1.707 J	8.75 J	15.10 J

Notes:
1. Soil sample analytical results are compared to the Title 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Commercial Use Soil Cleanup Objectives (SCOs).
2. Only analytes with detections are shown.
3. NYSDEC Part 375 Unrestricted Use SCO exceedances are highlighted and NYSDEC Part 375 Commercial Use SCO exceedances are bolded and highlighted.
4. Reporting Limits exceeding NYSDEC Part 375 Unrestricted and Restricted-Commercial SCOs are italicized.
5. mg/kg = milligrams per kilogram
6. SVOC = semi-volatile organic compound
7. ~ = No criterion exists for this analyte
8. SODUP01_010516 is a dulplicate of parent sample SB6_0-2
9. ft bgs = feet below grade surface

Qualifiers:
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reporting Limit (RL); the value shown in the table is the RL.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.

Table 4

Soil Sample Detections Summary - Pesticides, Herbicides, PCBs, and Total Metals

Remedial Investigation Report
Greenpoint Landing - Parking Facility
Brooklyn, New York
Langan Project No. 170229002

LOCATION	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Commercial Use SCOs	SB1_0-2	SB1_2-4	SB2_0-2	SB2_2-4	SB3_0-2	SB3_4-6	SB4_0-2	SB4_4-6	SB5_0-2	SB5_2-4	SB6_0-2	SODUP01_010516	SB6_4-6	SB7_0-2	SB7_4-6	SB8_0-2	SB8_4-6
SAMPLING DATE			1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/8/2016	1/8/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016	1/5/2016
LAB SAMPLE ID			L1600636-01	L1600636-02	L1600636-03	L1600636-04	L1600636-05	L1600636-06	L1600226-07	L1600226-08	L1600636-07	L1600636-08	L1600226-11	L1600226-17	L1600226-12	L1600226-13	L1600226-14	L1600226-15	L1600226-16
SAMPLE TYPE			Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
SAMPLE DEPTH (ft.)			0-2	2-4	0-2	2-4	0-2	4-6	0-2	4-6	0-2	2-4	0-2		4-6	0-2	4-6	0-2	4-6
Pesticides (mg/kg)																			
4,4'-DDD	0.0033	92	0.00184 U	0.0154 PI	0.0213	0.00177 U	0.00201 U	0.00175 U	0.00169 U	0.0018 U	0.00174 U	0.00179 U	0.00181 U	0.00176 U	0.0018 U	0.00171 U	0.00177 U	0.00166 U	0.00174 U
4,4'-DDE	0.0033	62	0.0199	0.0235 PI	0.0781	0.00177 U	0.00201 U	0.00566 PI	0.00169 U	0.0018 U	0.00654 PI	0.00179 U	0.00181 U	0.00624 PI	0.0018 U	0.00171 U	0.00177 U	0.00427 PI	0.00174 U
4,4'-DDT	0.0033	47	*0.00345* U	0.0456	0.0586	*0.00332* U	*0.00378* U	0.0133 PI	0.00316 U	*0.00338* U	0.00326 U	*0.00335* U	*0.0034* U	0.0438 PI	*0.00338* U	0.00321 U	0.00306 J	0.00799 PI	0.00326 U
Dieldrin	0.005	1.4	0.00115 U	0.00152 U	0.00107 U	0.00111 U	0.00126 U	0.00803	0.0196 PI	0.00113 U	0.0167	0.00112 U	0.00113 U	0.0011 U	0.00113 U	0.00973 PI	0.00111 U	0.00104 U	0.00109 U
Endosulfan II	2.4	200	0.00184 U	0.00244 U	0.00171 U	0.00177 U	0.00201 U	0.000614 J	0.00163 J	0.0018 U	0.00174 U	0.00179 U	0.00181 U	0.00332 PI	0.0018 U	0.00136 J	0.00177 U	0.00184 PI	0.00174 U
Endosulfan sulfate	2.4	200	0.000768 U	0.00101 U	0.000713 U	0.000738 U	0.00084 U	0.00073 U	0.00129	0.000752 U	0.000725 U	0.000745 U	0.000755 U	0.00308 PI	0.000751 U	0.000713 U	0.000738 U	0.000691 U	0.000725 U
Endrin	0.014	89	0.000768 U	0.00101 U	0.000713 U	0.000738 U	0.00084 U	0.00073 U	0.0115	0.000752 U	0.000725 U	0.000745 U	0.000755 U	0.000733 U	0.000751 U	0.000713 U	0.000738 U	0.000691 U	0.000725 U
Endrin ketone	~	~	0.00184 U	0.00244 U	0.00171 U	0.00177 U	0.00201 U	0.00175 U	0.00169 U	0.0018 U	0.00174 U	0.00179 U	0.00181 U	0.0358	0.0018 U	0.00171 U	0.00177 U	0.00166 U	0.00174 U
Heptachlor epoxide	~	~	0.00345 U	0.00456 U	0.00321 U	0.00332 U	0.00378 U	0.00328 U	0.00351 PI	0.00338 U	0.00326 U	0.00335 U	0.0034 U	0.0033 U	0.00338 U	0.00321 U	0.00158 J	0.00311 U	0.00326 U
Methoxychlor	~	~	0.00345 U	0.00456 U	0.00321 U	0.00332 U	0.00378 U	0.00328 U	0.00316 U	0.00338 U	0.00326 U	0.00335 U	0.0034 U	0.0033 U	0.00338 U	0.00321 U	0.00332 U	0.00322 PI	0.00326 U
Herbicides (mg/kg)																			
Herbicides, Total	~	~	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs (mg/kg)																			
Aroclor 1248	~	~	0.037 U	0.0506 U	0.0352 U	0.0374 U	0.112	0.107	0.239	0.0372 U	0.0366 U	0.0384 U	0.0367 U	0.037 U	0.0382 U	0.0356 U	0.0385 U	0.0339 U	0.0369 U
Aroclor 1254	~	~	0.148 PI	0.0394 J	0.0352 U	0.0374 U	0.0956	0.0977	0.225	0.00506 J	0.039	0.0384 U	0.151	0.153	0.00541 J	0.0652	0.0385 U	0.0147 J	0.0369 U
Aroclor 1260	~	~	0.119	0.0506 U	0.0352 U	0.0374 U	0.112	0.11	0.332	0.00843 J	0.0986	0.0384 U	0.123	0.18	0.0382 U	0.0358	0.00672 J	0.026 J	0.00933 J
PCBs, Total	0.1	1	0.267 PI	0.0394 J	0.0352 U	0.0374 U	0.32	0.315	0.796	0.0135 J	0.207	0.0384 U	0.274	0.333	0.00541 J	0.101	0.00672 J	0.0553 J	0.0543 J
Total Metals (mg/kg)																			
Aluminum, Total	~	~	5000	6600	2100	9000	5300	1600	2400	8600	8500	8200	2700	3800	9500	5000	9700	3900	6300
Antimony, Total	~	~	6.8	7.1	2.6 J	0.85 J	3 J	1.3 J	4.2 U	4.5 U	4.6	0.77 J	3 J	3.2 J	4.5 U	1.2 J	4.6 U	6.7	8
Arsenic, Total	13	16	**330**	**440**	**21**	4.3	**22**	8.3	6.6	11	13	4.4	15	**17**	9.6	8.8	9.5	**35**	**21**
Barium, Total	350	400	80	91	52	42	260	85	41	57	**440**	46	160	270	63	86	54	380	**660**
Beryllium, Total	7.2	590	0.78	1	0.28 J	0.32 J	0.49 J	0.16 J	0.42 U	0.3 J	0.41 J	0.25 J	0.19 J	0.25 J	0.41 J	0.18 J	0.42 J	0.25 J	0.23 J
Cadmium, Total	2.5	9.3	2.4	3.2	1	0.9 U	1.1	0.45 J	0.84 U	0.9 U	1	0.9 U	**19**	**16**	0.91 U	0.16 J	0.8 J	0.85 U	0.89
Calcium, Total	~	~	66000	57000	7700	25000	74000	150000	160000	62000	53000	51000	87000	66000	36000	69000	43000	29000	37000
Chromium, Trivalent	30	1500	18	24	7.4	7	22	6.2	4.5	11	20	7.4	13	17	9.5	8.1 J	9.6	25	28
Chromium, Hexavalent	1	400	0.94 U	*1.2* U	0.86 U	0.91 U	1 U	0.9 U	0.84 U	0.92 U	0.89 U	0.92 U	0.93 U	0.9 U	0.92 U	0.23 J	0.93 U	0.86 U	0.9 U
Chromium, Total	~	~	18	24	7.4	7	22	6.2	4.5	11	20	7.4	13	17	9.5	8.3	9.6	25	28
Cobalt, Total	~	~	7	5.9	3.8	2.1	6	3.3	3.5	3.1	5	2.8	4.1	4.5	3.2	3.4	2.8	10	4.6
Copper, Total	50	270	**640**	**670**	87	6.6	170	60	54	17	170	8.3	**640**	**750**	18	**370**	38	180	260
Iron, Total	~	~	25000	24000	10000	8800	17000	9000	12000	10000	22000	8600	15000	21000	12000	13000	9200	150000	27000
Lead, Total	63	1000	450	550	130	6.8	290	86	83	100	330	13	250	270	25	170	19	380	600
Magnesium, Total	~	~	830	600	3800	11000	40000	74000	69000	4900	7200	4600	47000	34000	7800	31000	5600	6600	9600
Manganese, Total	1600	10000	67	24	46	410	250	180	190	270	350	420	210	230	540	180	150	220	290
Mercury, Total	0.18	2.8	**9.4**	**7.1**	0.21	0.08 U	1.8	0.41	0.28	0.08	0.87	0.05 J	0.78	0.74	0.14	0.13	0.08	1.9	0.84
Nickel, Total	30	310	19	21	15	4.7	16	7.6	6.8	9.4	16	6.8	27	31	6.6	9	9.8	20	22
Potassium, Total	~	~	940	930	290	950	770	420	440	1200	1100	870	400	470	980	550	870	620	770
Selenium, Total	3.9	1500	540	560	1.4 J	1.8 U	2.7	0.27 J	1.7 U	0.85 J	0.56 J	1.8 U	0.64 J	0.66 J	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U
Silver, Total	2	1500	0.65 J	0.38 J	0.84 U	0.9 U	1 U	0.87 U	0.84 U	0.9 U	0.46 J	0.9 U	0.27 J	0.23 J	0.91 U	0.86 U	0.92 U	0.2 J	0.49 J
Sodium, Total	~	~	660	530	220	1200	500	180	320	1100	510	930	210	280	1200	550	1100	510	720
Thallium, Total	~	~	0.77 J	1.2 J	1.7 U	1.8 U	2 U	1.7 U	1.7 U	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U	1.7 U	1.8 U	1.7 U	1.7 U
Vanadium, Total	~	~	31	49	9	15	23	11	23	22	27	15	22	23	20	30	19	27	45
Zinc, Total	109	10000	200	88	64	7.9	160	54	42	34	350	15	290	350	38	86	100	370	990
General Chemistry (mg/kg)																			
Cyanide, Total	27	27	0.51 J	3 U	2.1 U	2.2 U	2.5 U	2.1 U	2 U	1.1 U	2 U	2.2 U	1 J	2	1.1 U	2.1 U	2.3 U	0.86 J	0.79 J

Notes:
1. Soil sample analytical results are compared to the Title 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use and Commercial Use Soil Cleanup Objectives (SCOs).
2. Only analytes with detections are shown.
3. NYSDEC Part 375 Unrestricted Use SCO exceedances are highlighted and NYSDEC Part 375 Commercial Use SCO exceedances are bolded and highlighted.
4. Reporting Limits exceeding NYSDEC Part 375 Unrestricted and Commercial SCOs are italicized.
5. mg/kg = milligrams per kilogram
6. PCB = Polychlorinated Biphenyl
7. ~ = No Criteria for this analyte
8. SODUP01_010516 is a dulplicate of parent sample SB6_0-2
9. ND = No Detections

Qualifiers:
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reporting Limit (RL); the value shown in the table is the RL.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.
I - The lower value for the two columns has been reported due to obvious interference.

APPENDIX A

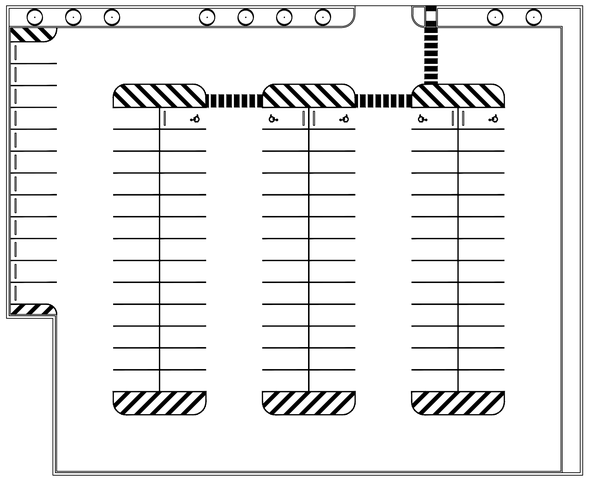
DEVELOPMENT PLANS

GREENPOINT LANDING - OFFSITE PARKING

BUILDINGS E3, F2, AND G2

BLOCK 2510, PART OF LOT 1 (PARCEL 5C - GREENPOINT LANDING)

LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, AND LANDSCAPE ARCHITECTURE, DPC



ISSUED FOR DOB FILING

NOVEMBER 25, 2015

DRAWING LIST

DRAWING #	DRAWING TITLE	NOVEMBER 25 ISSUED FOR DOB FILING
G-001.00	LOCATION PLAN, FLOOD MAPS, ZONING LOT MAPS	X
G-002.00	ZONING AND CODE ANALYSIS	X
G-003.00	NOTES, ABBREVIATIONS, LEGEND	X
07.13	TOPOGRAPHIC AND UTILITY SURVEY	X
C-100.00	SITE PLAN AND DIMENSIONAL CONTROL	X
C-101.00	SITE GRADING AND DRAINAGE PLAN	X
L-001.00	LIGHTING PLAN	X
L-002.00	LIGHTING DETAILS	X
C-102.00	SITE DETAILS (SHEET 1 OF 2)	X
C-103.00	SITE DETAILS	X

OWNER

GREENPOINT LANDING ASSOCIATES, LLC
535 MADISON AVENUE, 35TH FLOOR
NEW YORK, NY 10022
T: 212-355-7570

CIVIL ENGINEER

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MEP ENGINEER

COSENTINI ASSOCIATES
2 PENN PLAZA, 3RD FLOOR
NEW YORK, NY 10121
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F: 212-615-3700

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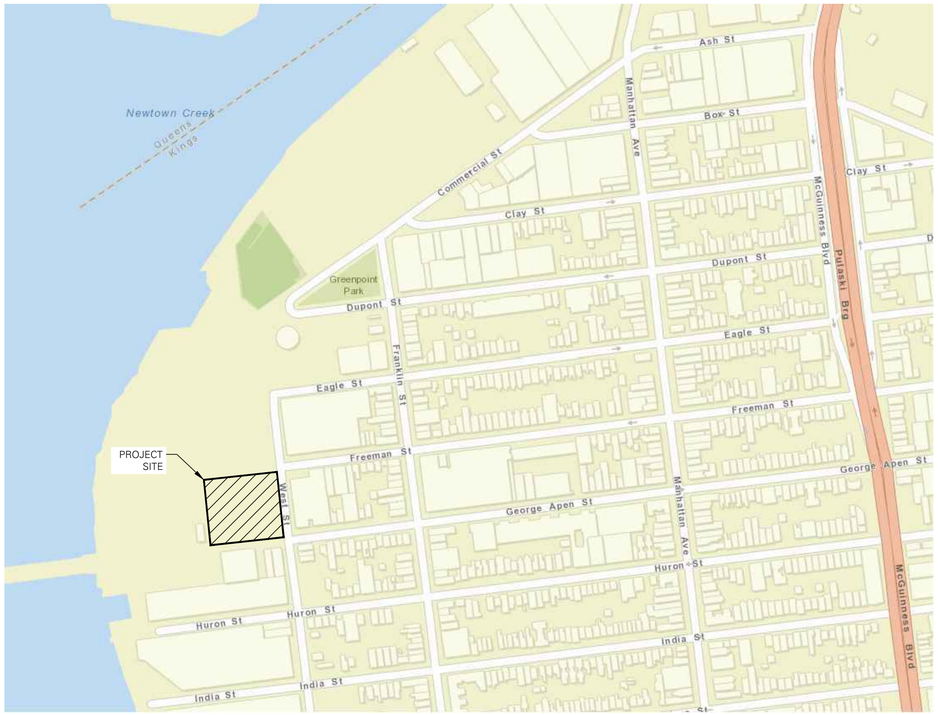
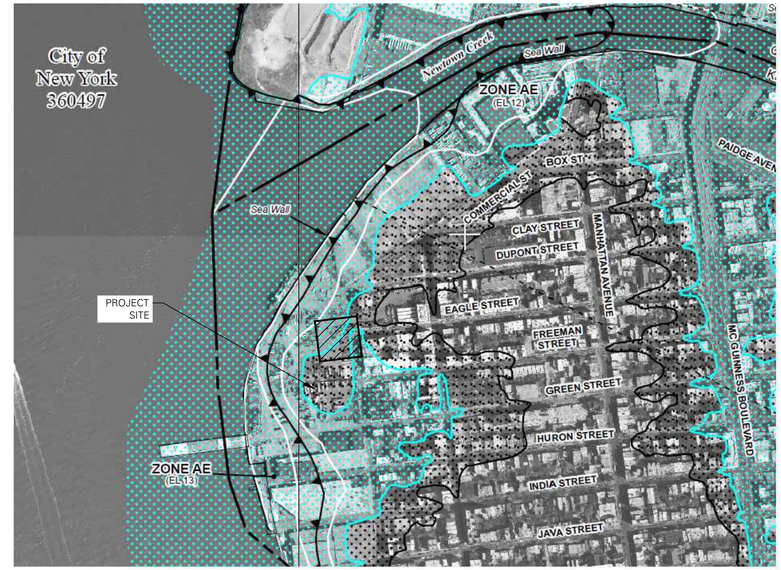


1 SITE LOCATION MAP
SCALE: NTS



2 FEMA PRELIMINARY FIRM (2013)
SCALE: NTS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0202G

FIRM
FLOOD INSURANCE RATE MAP

CITY OF,
NEW YORK
NEW YORK
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 202 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360497	0202	G

PRELIMINARY
DECEMBER 5, 2013

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

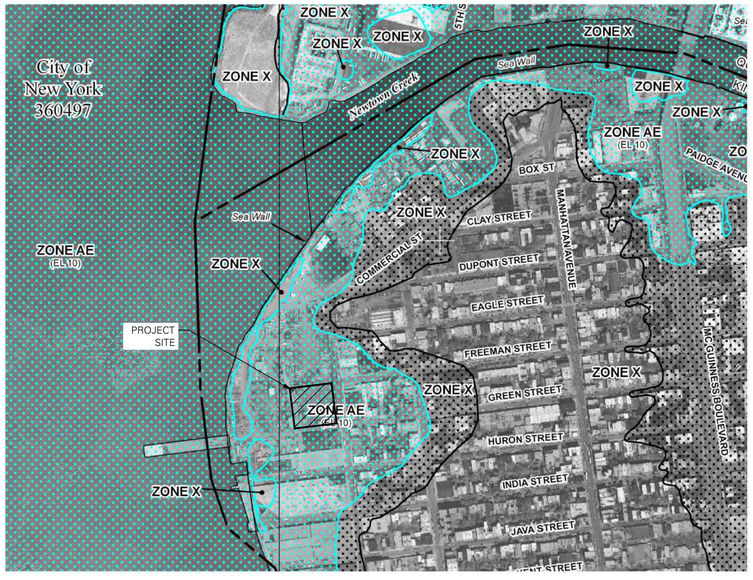
MAP NUMBER
3604970202G

MAP REVISED

Federal Emergency Management Agency

FLOOD MAP NOTES

1. THE DEVELOPMENT PARCEL IS CURRENTLY LOCATED IN AN AE ZONE PER EFFECTIVE FEMA FIRM. THE APPLICANT HAS BEEN ADVISED BY THE DOB AND ACKNOWLEDGES THAT THE DEVELOPMENT PARCEL IS NOW LOCATED IN AN AE ZONE PER FEMA PRELIMINARY FLOOD INSURANCE RATE MAPS RELEASED 2013.
2. THE DEVELOPMENT PARCEL IS LOCATED IN A SPECIAL FLOOD HAZARD AREA WITH A BASE FLOOD ELEVATION OF 10 FEET FROM NAVD8 1988 DATUM PER EFFECTIVE FIRM. THE DEVELOPMENT PARCEL IS LOCATED IN A SPECIAL FLOOD HAZARD AREA WITH A BASE FLOOD ELEVATION OF 12 FEET NAVD 1988 PER FEMA PRELIMINARY FIRM RELEASED IN 2013.
3. THE PROPOSED ALTERATION DOES NOT INCREASE THE DEGREE OF NON-COMPLIANCE PER APPENDIX G: 10.1, 10.2, AND 10.3 OF THE BUILDING CODE.



3 CURRENT FEMA FIRM (2007)
SCALE: NTS

NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0202F

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
NEW YORK,
NEW YORK
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 202 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

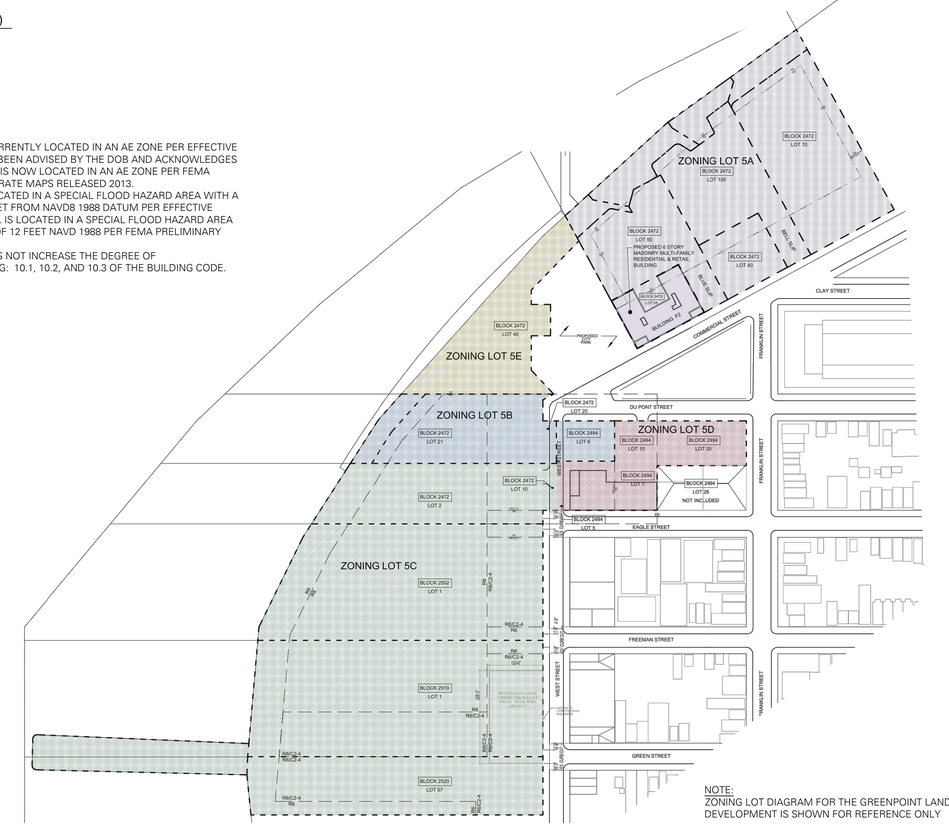
COMMUNITY	NUMBER	PANEL	SUFFIX
NEW YORK, CITY OF	360497	0202	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
3604970202F

MAP REVISED
SEPTEMBER 5, 2007

Federal Emergency Management Agency



NOTE:
ZONING LOT DIAGRAM FOR THE GREENPOINT LANDING DEVELOPMENT IS SHOWN FOR REFERENCE ONLY

4 GREENPOINT LANDING ZONING LOT MAP
SCALE: NTS

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LIC. No. 081589

LANGAN
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ABU DHABI ATHENS DOHA DUBAI ISTANBUL PANAMA LONDON
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CS, Inc.
Langan International LLC
Collectively known as Langan

Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
LOCATION PLAN, FLOOD MAPS, AND ZONING LOT MAP

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
Drawn By WGS
Checked By TJW
Submission Date X

G-001.00

Sheet 01 of 01

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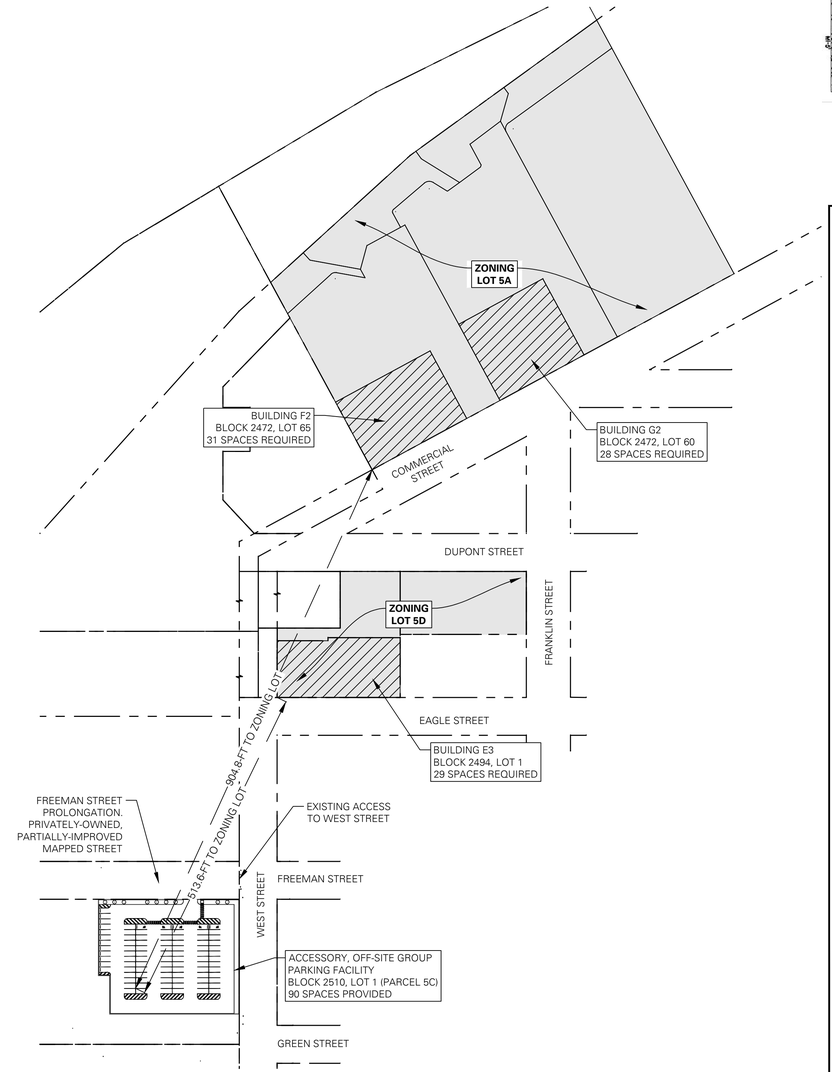
ZONING RESOLUTION SECTION

	1. Previous Zoning Approvals The proposed parking facility shown in these documents satisfies parking requirements for Buildings E3, F2, and G2 of the Greenpoint Landing development. These buildings have received zoning and new building approvals.	a. Block 2472, Lot 60 (Parcel 5a): NB #320595209 b. Block 2472, Lot 65 (Parcel 5a): NB #320597430 c. Block 2494, Lot 1 (Parcel 5d): NB #320595192
ZR 62-47	**2. Development Parcel** Parcels 5a, 5b, 5c, 5d, and 5e comprise a single development parcel pursuant to that Amendment and Restated Declaration of Single Development Parcel dated June 26, 2014. The proposed development herewith lies within a portion of Block 2510, Lot 1 (Parcel 5c)	Parcel 5c in the BK-1 Greenpoint- Williamsburg Waterfront Access Plan (Block 2510, Lot 1)
Zoning Map 12c	**3. Zoning District**	R6; R8; C2-4 - within BK-1 Greenpoint- Williamsburg Waterfront Access Plan
ZR 22-10 **ZR 32-00; 32-10**	**4. Permitted Uses** a. R6/R8 b. C2-4	a. Residential (UG 1, 2); Community Facility (UG 3, 4) b. Residential (UG 1, 2); Community Facility (UG 3, 4); Commercial (UG 5-9, 14)
ZR 22-10	**5. Proposed Use**	a. Complies: Residential (UG 2), accessory parking
	6. Zoning Lots in Parcel a. Zoning Lot 5c	a. Block 2510, Lot 1 (Parcel 5c)
ZR 25-23 **ZR 25-25**	**7. Parking Requirements** The accessory, off-site parking shown in these documents satisfies parking requirements for below buildings per previous zoning approvals as noted in #1 above: a. Building G2: Block 2472, Lot 60 (Parcel 5a) b. Building F2: Block 2472, Lot 65 (Parcel 5a) c. Building E3: Block 2494, Lot 1 (Parcel 5d)	a. Block 2472, Lot 60 (Parcel 5a): 28 spaces; b. Block 2472, Lot 65 (Parcel 5a): 31 spaces; c. Block 2494, Lot 1 (Parcel 5d): 29 spaces; Total required parking spaces: 88 spaces Total provided parking spaces: 90 spaces (5 accessible)
ZR 22-025	**8. Applicability of regulations to Quality Housing** a. Off-street parking spaces shall comply with the provisions of ZR 28-50	a. Complies, see #9 below.
ZR 28-50 **ZR 28-51** **ZR 28-52** **ZR 28-53**	**9. Parking for Quality Housing** a. All open accessory off-street group parking facilities shall be screened from dwelling units, adjacent zoning lots, and streets in accordance with paragraph (a) of ZR 25-66. b. Offsite accessory parking spaces may be unenclosed provided that the zoning lot on which such spaces are located does not contain a residential use. c. On-site accessory off-site parking shall not be permitted between the street line and the street wall of a building or its prolongation.	a. Complies b. Complies c. Complies
ZR 25-026	**10. Applicability of regulations in the waterfront area** a. Special regulations applying in the waterfront area are set forth in Article VI, Section II.	a. Complies, see #11 below.
ZR 62-40 **ZR 62-41**	**11. Special regulations for accessory residential parking facilities in the waterfront area.** a. Lighting shall be directed away from adjoining buildings containing residences. No flood lighting shall be permitted for off-site facilities in residential districts. b. One tree for every 10 parking spaces shall be provided in accordance with ZR 62-655.	a. Complies b. Complies
ZR 62-45	**12. Supplemental regulations for all parking facilities, waterfront area** a. Open parking aras shall be screened from adjoining zoning lots pursuant to ZR 62-655, paragraph (a)(7)(iii) or from a street or an upland connection pursuant to ZR 37-921.	a. Complies, see #21 and #22
ZR 62-47	**13. Special parking regulations for Waterfront Access Plan BK-1** a. Any required accessory off-street parking spaces provided for uses located in a parcel identified in Waterfront Access Plan BK-1 may be located anywhere within such parcel.	a. Complies
ZR 25-029	**14. Applicability of regulations in flood zones** a. Special regulations applying in the flood zone are set forth in Article VI, Chapter 4.	a. Complies
ZR 25-12	**15. Maximum size of accessory group parking facility** a. No group parking facility accessory to residences shall contain more than 200 off-street parking spaces.	a. Complies
ZR 25-16 **ZR 25-162**	**16. Maximum spaces for other than single-family detached residences** a. In R6 districts, on a zoning lot used for residences, not more than one off-street parking space shall be provided for every 300 square feet of lot area.	a. Complies, approximately 400 square feet per spaced provided
ZR 25-541	**17. Joint and shared parking facilities** In all districts, all required accessory off-street parking spaces may be provided in facilities designed to serve jointly two or more buildings or zoning lots, provided that: a. the number of spaces in such joint facilities shall be not less than that required in ZR 25-21 for the combined total required therein. b. all such spaces are located in a district where they are permitted under the applicable provisions of ZR 25-52 (overridden by the provisions of ZR 62-40). c. the design and layout of such joint facilities meets the standards of the Commissioner of Buildings.	a. Complies b. Complies, see #11-a c. Complies, see code analysis on this page
ZR 25-55	**18. Additional regulations for required spaces when provided off site** a. Such spaces shall be in the same ownership as the use to which they are accessory and shall be subject to deed restrictions filed in an office of record.	a. Complies
ZR 25-60 **ZR 25-62** **ZR 25-63**	**19. Additional regulations for permitted or required accessory off-street parking spaces** a. Driveways used to access parking spaces must have qn unobstructed width of at least 8 feet and a height of 8 feet above grade, and if connecting to a street, such driveway may only be accessed by a curb-cut. b. In no event shall the dimensions of any parking stall be less than 18 feet long and 8 feet, 6 inches wide. c. Entrances and exits for group parking facilities with 10 or more spaces shall be located not less than 50 feet from the intersection of any two street lines.	a. Complies b. Complies c. Complies, entrance is 66 feet from street intersection.
ZR 25-65	**20. Surfacing** All open off-street parking spaces shall be surfaced with asphaltic or Portland cement concrete or other hard-surfaced dustless material, at least 4 inches thick.	Complies
ZR 62-453 **ZR 62-655**	**21. Screening requirements, waterfront area** a. Open parking areas on any zoning lot fronting on an upland connection or street on any waterfront block shall require screening pursuant to ZR 37-921. b. Open parking areas shall be screened from adjacent zoning lots or zoning lots across a street pursuant to the requirements of ZR 62-655 (a) (7) (iii).	a. Complies, see #22-a b. Complies
ZR 37-921	**22. Screening, between upland connection/street** a. All open parking areas with 18 spaces or more or 6,000 square feet or more in area that front upon a street (or upland connection) shall be screened at the street line by a perimeter landscaped area at least 7 feet wide measured perpendicular to the street line. b. A raised curb shall edge the perimeter landscaped area, at least 6 inches in height. c. The open parking are will be graded to allow stormwater runoff to collect in perimeter landscape beds unless made infeasible due to existing topography. d. Perimeter landscape bed plantings shall comply with ZR 37-921 (b)	a. Complies b. Complies c. Complies d. Complies

1 ZONING MAP
Scale: NTS



2 ACCESSORY OFFSITE PARKING MAP
SCALE: NTS

BUILDING DEPARTMENT ANALYSIS AND NOTES

BUILDING DEPARTMENT GENERAL NOTES

1. ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS, AND IN ACCORDANCE WITH THE NYC BUILDING CODE.
2. NO WORK AT SITE SHALL COMMENCE UNTIL PLANS HAVE BEEN APPROVED AND PERMIT ISSUED BY THE DEPARTMENT OF BUILDINGS.
3. "TO THE BEST OF MY KNOWLEDGE, BELIFE, AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE".
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE 2008 NEW YORK CITY BUILDING CODE, "NYCBC" OR "BC", AND REFERENCE CODES AS STATED IN BC 101: NYC ELECTRICAL CODE, "EC"; NYC FUEL GAS CODE, "FGC"; NYC MECHANICAL CODE, "MC"; NYC PLUMBING CODE, "PC"; NYC FIRE CODE ,"FC", AND THE ENERGY CONSERVATION CONSTRUCTION CODE NEW YORK STATE.
5. ALL MATERIALS ASSEMBLIES, FORMS AND METHODS OF CONSTRUCTION AND SERVICE EQUIPMENT SHALL COMPLY WITH THE NYCBC [ARTICLE 113]
6. ALL ELEVATIONS NOTED ON CONSTRUCTION DOCUMENTS SHALL BE REFERRED TO AND CLEARLY IDENTIFIED AS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD) AS ESTABLISHED AND MAINTAINED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WHICH IS HEREBY ESTABLISHED AS THE CITY DATUM [BC 28-104.7.6].
7. INSPECTIONS REQUIRED BY CODE OR THE BUILDING DEPARTMENT DURING THE PROGRESS OF WORK MAY BE PERFORMED BY THE OWNER'S APPROVED INSPECTION AGENCY [BC 109.1].
8. ALL PERMITS ISSUED BY THE DEPARTMENT OF BUILDINGS SHALL BE POSTED IN A CONSPICUOUS PLACE OPEN TO THE PUBLIC INSPECTION FOR THE ENTIRE TIME OF THE PROSECUTION OF THE WORK OF THE USE AND OPERATION OF THE EQUIPMENT OR UNTIL THE EXPIRATION OF THE PERMIT. [BC 28-105.11]
9. EQUIPMENT REQUIRING USE PERMITS SHALL BE INSPECTED AND TESTED TO DETERMINE PROPER FUNCTIONING AND COMPLIANCE WITH THE BUILDING CODE AND OTHER APPLICABLE LAWS AND REGULATIONS [BC 28 - 116.4.1]

BUILDING DEPARTMENT PROJECT SPECIFIC CITATIONS

1. FIVE PERCENT (5%) OF TOTAL PARKING SPACES PROVIDED WILL BE ACCESSIBLE. 90 TOTAL PARKING SPACES REQUIRE 5 TOTAL ACCESSIBLE SPACES (BC 1106.1).
2. ALL PARKING SPACES (ACCESSIBLE OR OTHERWISE) ARE 8 FEET, 6 INCHES WIDE, MEETING ICC A117.1 REQUIREMENTS FOR SPACE WIDTH FOR PASSENGER CARS
3. ONE SIXTH (1/6) OF ACCESSIBLE SPACES MUST BE VAN ACCESSIBLE, IN ACCORDANCE WITH ICC A117.1. PER ICC A117.1, VAN ACCESSIBLE SPACES MUST BE 11 FEET WIDE WITH THE EXCEPTION THAT VAN ACCESSIBLE SPACES MAY BE 8 FEET WIDE PROVIDED THEY ARE ADJACENT TO AN ACCESS AISLE THAT IS ALSO 8 FEET WIDE. ALL ACCESSIBLE SPACES PROVIDED ARE ADJACENT TO ACCESS AISLES THAT ARE 9 FEET WIDE.
4. ACCESSIBLE PARKING SPACES ARE LOCATED ALONG AN ACCESSIBLE PATH THAT IS NEAREST TO THE ACCESSIBLE ENTRANCE OF THE PARKING FACILITY (BC 1106.6).
5. DRAINAGE FOR THE PARKING FACILITY WILL DIRECT STORMWATER RUNOFF AWAY FROM ABUTTING SIDEWALKS AND PROPERTIES (BC 406.7.5.1). REFER TO ADDITIONAL DRAINAGE NOTES, THIS PAGE.
6. ALL PERPENDICULAR PARKING SPACES ARE SEPARATED FROM ADJOINING PROPERTIES AND STREETS BY A CURB THAT IS AT LEAST 4 FEET FROM THE PROPERTY LINE (BC 406.7.10.1).
7. THE PARKING FACILITY IS SCREENED FROM ADJACENT PROPERTIES BY AN OPAQUE FENCE AT LEAST 6 FEET TALL AND LESS THAN 8 FEET TALL, WITH NO MORE THAN 50% OPEN FACE OR AS OTHERWISE REQUIRED BY THE NYC ZONING RESOLUTION(BC 406.7.10.2).
8. PARKING FACILITY WILL BE ILLUMINATED TO MINIMUM 1-FOOT-CANDLE MEASURED AT GRADE LEVEL, DISTRIBUTED OVER THE ENTIRE AREA. REFER TO LIGHTING ANALYSIS ON SHEET C-102.00 (BC 406.7.10.3)
9. ELECTRIC CHARGING STATIONS WILL NOT BE PROVIDED DUE TO THE TEMPORARY INTENDED USE FOR THE FACILITY (LESS THAN 3 YEARS) (BC 406.7.11, EXCEPTION #2).

CONTROLLED INSPECTIONS

INSPECTIONS SHALL BE CARRIED OUT IN ACCORDANCE TO BC 1704 AND APPROVALS IN ACCORDANCE TO BC 1703. THE FOLLOWING ARE SOME OF THE WORK THAT SHALL BE SUBJECT TO THE CONTROLLED INSPECTIONS MADE AND WITNESSED BY OR UNDER THE DIRECT SUPERVISION OF AN ARCHITECT OR ENGINEER RETAINED BY THE OWNER AND ACCEPTABLE TO THE ENGINEER OF RECORD. SIGNED COPIES OF TEST AND INSPECTION REPORTS (AS NEEDED) SHALL BE FILED THROUGH THE ENGINEER WITH THE BUILDING DEPARTMENT.

A. PRIVATE ON-SITE STORM WATER DRAINAGE DISPOSAL SYSTEMS, AND DETENTION FACILITIES INSTALLATION (BC 1704.21.2)
B. SOIL PERCOLATION TEST - PRIVATE ONSITE STORMWATER DRAINAGE DISPOSAL SYSTEM AND DETENTION FACILITIES (BC 1704.21.1.2)

NY STATE ENERGY CONSERVATION CODE

CONSTRUCTION TO COMPLY WITH PROVISIONS OF THE NEW YORK STATE ENERGY CONSERVATION CODE.

PROPOSED DEVELOPMENT IS OF A TEMPORARY USE AND DOES NOT INCLUDE ANY BUILDING WORK AND IS THUS EXEMPT FROM ENERGY CODE COMPLIANCE.

"TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE"

PARKING FACILITY DRAINAGE NOTES

1. THIS CONSTRUCTION DOCUMENT APPROVAL APPLICATION DOES NOT CONTAIN SUBMITTAL DOCUMENTS RELATING TO THE AVAILABILITY OR FEASIBILITY OF, NOR DOES IT PROPOSE ANY CONNECTION TO, PUBLIC COMBINED OR STORM SEWERS. THE PROPOSED WORK IS NEITHER:
   - 1.1. A NEW BUILDING
   - 1.2. AN ALTERATION OF A BUILDING PROPOSING HORIZONTAL BUILDING ENLARGEMENT; NOR
   - 1.3. AN ALTERATION THAT INCREASES IMPERVIOUS SURFACES ON THE TAX LOT (PC 106.6.2)
2. THE EXISTING LOT IS ENTIRELY PAVED. THE PROPOSED CONDITION WILL ALSO BE PAVED EXCEPTING LANDSCAPE BUFFER AREAS AS REQUIRED BY NYC ZONING RESOLUTION. AS SUCH, TOTAL IMPERVIOUS AREA COVERAGE WILL BE REDUCED IN THE FINAL CONDITION.
3. PRIVATE, ONSITE STORMWATER DISPOSAL WILL BE AN INFILTRATION SYSTEM MEETING THE REQUIREMENTS OF PC 1114. REFER TO STORMWATER CALCULATIONS ON SHEET C-101.00 FOR MORE INFORMATION.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
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Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project
GREENPOINT LANDING:
OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
ZONING RESOLUTION AND CODE ANALYSIS

Project No.	170229002
Date	17 NOVEMBER 2015
Scale	AS SHOWN
Drawn By	WGS
Checked By	TJW
Submission Date	X
Sheet	01 of 01

G-002.00

GENERAL NOTES

1. EXISTING CONDITIONS INFORMATION ARE AS SHOWN IN SURVEY PREPARED BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, AND LANDSCAPE ARCHITECTURE, DPC, DATED 11-2-15 .
2. ELEVATIONS SHOWN ARE IN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
3. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.
4. THE CONTRACTOR SHALL PROVIDE 5 BUSINESS DAYS ADVANCE WRITTEN NOTICE TO THE APPROPRIATE AUTHORITY PRIOR TO ANY WATER, GAS, ELECTRIC, SANITARY, STORM, FIRE ALARM, OR OTHER UTILITY SYSTEM SHUTDOWNS.
5. IF APPLICABLE, ONE COPY OF ALL TESTING LABORATORY REPORTS AND CONTROLLED INSPECTION REPORTS SHALL BE SENT TO BOTH THE OWNER AND THE ENGINEER OF RECORD. ALL REPORTS SHALL BE ACCOMPANIED BY THE SIGNED COVER LETTER FROM THE INSPECTING ENGINEER OF RECORD, STATING THAT THE RESULT OF THE TEST OR INSPECTION HAS BEEN ACCEPTED AS SATISFACTORY.
6. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE CONTRACT DRAWINGS.
7. ALL MATERIALS AND CONSTRUCTION TO BE INCORPORATED IN THE WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE A.S.T.M. SPECIFICATIONS APPLICABLE, AND TO CONFORM WITH THE STANDARDS AND RECOMMENDATIONS OF THE VARIOUS TRADE INSTITUTE (A.C.I., A.I.S.C., ETC.) WHERE APPLICABLE ALL MATERIAL INCORPORATED INTO THE WORK SHALL BE NEW.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGES, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF- ALIGNMENT ACCORDING TO APPLICABLE CODES, STANDARDS AND GOOD PRACTICE.
9. ALL NOTES HEREIN MENTIONED WITH THOSE ON THE VARIOUS DRAWINGS SHALL APPLY TO ALL DRAWINGS AND FORM PART OF THE CONTRACT.
10. EACH CONTRACTOR SHALL BE HELD STRICTLY RESPONSIBLE FOR HIS WORK. ANY DISCREPANCIES ON THE PLANS OR DETAILS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER.
11. CONTRACTOR SHALL COORDINATE ALL TRADES, SUBMIT SHOP DRAWINGS, CUTS OF PRODUCTS AND MATERIALS FOR APPROVAL.
12. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY GOVERNING NEW YORK CITY AND NEW YORK STATE AGENCIES.
13. ALL MATERIALS, PRODUCTS AND EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS, AND IN ACCORDANCE WITH THE NYC BUILDING CODE.
14. NO WORK AT SITE TO COMMENCE UNTIL PLANS HAVE BEEN APPROVED AND PERMIT ISSUED BY THE DEPARTMENT OF BUILDINGS.
15. THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS

GENERAL SITEWORK NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR CREATING ALL REQUIRED SITE LOGISTICS PLANS.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF SUBCHAPTER 19, SAFETY OF PUBLIC AND PROPERTY DURING CONSTRUCTION OPERATIONS.
3. CONTRACTOR TO OBTAIN ALL NECESSARY WORK PERMITS AND PERFORM ALL WORK IN ACCORDANCE WITH NYCDOB REQUIREMENTS AND STANDARDS.
4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THIS WORK. THE CONTRACTOR SHALL COORDINATE WITH APPLICABLE AGENCIES (INCLUDING BUT NOT LIMITED TO: NYCDOB, NYCDOT, NYCDPR, NYCPDC, NYSDEC), UTILITY COMPANIES (INCLUDING BUT NOT LIMITED TO: CONED, NATIONAL GRID, VERIZON, TIME WARNER CABLE), AND/OR SUB-CONTRACTORS.
5. CONTRACTOR SHALL MAINTAIN CONTINUOUS AND ADEQUATE PROTECTION OF ALL EXISTING CONDITIONS AND NEW CONSTRUCTION, AND SHALL REPAIR OR REPLACE ANY WORK, NEW OR EXISTING, THAT IS DAMAGED DURING ANY PHASE OF WORK.
6. THESE PLANS REPRESENT THE OVERALL SITEWORK IMPROVEMENTS REQUIRED FOR PROJECT CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITEWORK CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.
7. THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY AVAILABLE INFORMATION WHICH WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWINGS AND RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL MAKE ADDITIONAL TOPOGRAPHIC SURVEYS HE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OR OWNER'S ENGINEER.
8. THE CONTRACTOR SHALL, WHEN THEY DEEM NECESSARY, PROVIDE WRITTEN REQUESTS FOR INFORMATION (RFIS) TO THE OWNER AND ENGINEER THROUGH THE PROJECT CONSTRUCTION MANAGER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITEWORK ITEM. THE (RFI) SHALL BE IN A FORM ACCEPTABLE TO OWNER AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF FIVE WORK DAYS OR ADDITIONAL REASONABLE TIME FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITEWORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
9. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING EROSION AND SEDIMENTATION CONTROL MEASURES AS SHOWN IN THESE PLANS. UTILIZE A MOBILE SWEEPER AND WATER TRUCK AS NEEDED FOR DUST CONTROL IN AREAS MADE AVAILABLE FOR CONSTRUCTION, AS DIRECTED BY THE RESIDENT ENGINEER.
10. THE PHRASES "REMOVE AND REPLACE" OR "REMOVE AND INSTALL" SHALL MEAN REMOVE EXISTING CONSTRUCTION AND REPLACE WITH NEW CONSTRUCTION MATERIALS. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL DISPOSAL/RECYLCING/SALVAGING MEASURES IN ACCORDANCE WITH APPLICABLE REGULATIONS AND GUIDELINES AND UNDER SUPERVISION OF THE CONSTRUCTION MANAGER AND OWNER.
11. THE CONTRACTOR SHALL INSPECT THE SITE AND TAKE ALL FIELD MEASUREMENTS NECESSARY TO ENSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR ACCURACY OF SUCH MEASUREMENTS.
12. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS, EQUIPMENT AND UNUSED MATERIALS FROM THE PROJECT SITE.
13. THE CONTRACTOR SHALL REMOVE ALL PONDED WATER ON THE SITE RESULTING FROM THE CONTRACTOR'S OPERATION AT NO ADDITIONAL COST TO THE OWNER.
14. ALL AREAS OUTSIDE THE "LIMITS OF WORK" WHICH ARE DAMAGED BY THE WORK, SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION. THE RESTORATION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
15. ALL INGRESS AND EGRESS TO THE CONSTRUCTION SITE SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES. CONSTRUCTION EQUIPMENT WILL NOT BE PERMITTED TO OBSTRUCT ROADWAYS AND/OR PASSAGEWAYS.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SECURITY AND MAINTENANCE OF THE CONSTRUCTION SITE AND THE AREAS OF WORK WHILE PERFORMING THE WORK OF THIS CONTRACT. CONSTRUCTION DEBRIS SHALL BE REMOVED FROM THE CONSTRUCTION SITE ON A DAILY BASIS. NO BURNING OF DEBRIS WILL BE PERMITTED.
17. CONTRACTOR IS SOLELY RESPONSIBLE FOR DISPOSAL OF ALL SOIL AND MATERIALS IN ACCORDANCE WITH APPLICABLE STANDARDS AND FACILITY REQUIREMENTS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR SAFE DISPOSAL OF ANY HAZARDOUS OR CONTAMINATED MATERIALS, GROUNDWATER, OR SOIL ENCOUNTERED DURING CONSTRUCTION IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.
18. THE NYC OFFICE OF ENVIRONMENTAL REMEDIATION MUST ISSUE A NOTICE OF NO OBJECTION (NNO) FOR THE PROJECT BEFORE THE START OF ANY WORK. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE CONDITIONS OF THE NNO AND ANY WORK PLANS APPROVED AS PART OF THAT DECLARATION.

GENERAL UTILITY WORK NOTES

1. IT IS MANDATORY, AS PER NYS INDUSTRIAL CODE RULE 53, FOR THE CONTRACTOR TO NOTIFY NEW YORK CITY/LONG ISLAND ONE-CALL CENTER, 36-35 BELL BOULEVARD, SUITE 202, BAYSIDE, NY 11661, TEL. No.:(800)272-4480, FAX. No.: (718) 631-6723, E-MAIL ADDRESS: BSCHUETT@1-CALL.COM, IN ADDITION TO ALL UNDERGROUND FACILITY OPERATORS IN THE AREA WHO ARE NOT ONE-CALL MEMBERS, NOT LESS THAN (2) FULL BUSINESS DAYS IN ADVANCE AND NOT MORE THAN TEN (10) FULL BUSINESS DAYS, BEFORE COMMENCING EXCAVATION . THE CONTRACTOR WILL RECEIVE A NOTIFICATION TICKET FROM THE ONE-CALL CENTER, WHICH MUST BE PRESENTED TO THE COMMISSIONER AS PROOF OF THE CALL.
2. THE CONTRACTOR SHALL, WHEN THEY DEEM NECESSARY, PROVIDE WRITTEN REQUESTS FOR INFORMATION (RFIS) TO THE OWNER AND ENGINEER THROUGH THE PROJECT CONSTRUCTION MANAGER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC UTILITY WORK ITEM. THE (RFI) SHALL BE IN A FORM ACCEPTABLE TO OWNER AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF FIVE WORK DAYS OR ADDITIONAL REASONABLE TIME FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR UTILITY WORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.
3. INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHED FLOOR ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO CONSTRUCTION. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL ENSURE THAT ALL PIPES, CATCH BASINS, MANHOLES, SWALES, ETC., WITHIN AND NEAR THE AREA OF WORK ARE KEPT FREE FROM MATERIAL THAT WOULD HAMPER THE PERFORMANCE OF THE DRAINAGE SYSTEMS. UPON COMPLETION OF CONSTRUCTION, REMOVE ACCUMULATED SEDIMENT, AND DISPOSE OF ALL UNSUITABLE OR EXCESS EXCAVATED MATERIALS AWAY FROM PROPERTY.
5. ADDITIONAL UTILITY LINES, WHETHER ABANDONED OR IN SERVICE, MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONDUCT HIS OPERATIONS AND TAKE THE NECESSARY PRECAUTIONS TO PREVENT INTERFERENCE WITH OR DAMAGE TO THESE OR OTHER FACILITIES DURING THE COURSE OF CONSTRUCTION.
6. UTILITIES SHALL BE MAINTAINED IN ACTIVE OPERATION AT ALL TIMES. PROVIDE BYPASS PIPING AND PUMPING WHERE REQUIRED. ALL NEW UTILITY SYSTEMS SHALL BE OPERATIONAL BEFORE ANY EXISTING SYSTEMS ARE ABANDONED OR REMOVED. IF EXISTING UTILITIES ARE TAKEN OUT OF SERVICE FOR CONNECTIONS, THE TIMING SHALL BE APPROVED BY THE ENGINEER AND OWNER.

GENERAL EXCAVATION NOTES

1. THE FOLLOWING INFORMATION IS TO BE USED AS A GUIDE ONLY. IN THE EVENT OF A CONFLICT BETWEEN THIS INFORMATION AND OSHA OR OTHER LOCAL REGULATIONS, THE MOST RESTRICTIVE REGULATIONS AND REQUIREMENTS SHALL GOVERN ALL EXCAVATION WORK.
2. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO LOCATE ALL EXISTING UTILITIES AND APPURTENANCES TO REMAIN IN PLACE PRIOR TO THE START OF EXCAVATION. ANY BURIED UTILITIES ENCOUNTERED WHICH WERE NOT IDENTIFIED BEFORE THE START OF EXCAVATION SHALL BE REPORTED TO THE ENGINEER.
3. SHOULD AN UNDERGROUND STORAGE TANK BE IDENTIFIED IT SHALL BE REGISTERED, CLOSED, AND REMOVED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.
4. ALL EXCAVATIONS MUST BE SHORED OR SLOPED PER OSHA GUIDELINES, AND PER THE REQUIREMENTS OF ANY APPROVED SUPPORT OF EXCAVATION DRAWINGS/SUBMITTALS.
5. DEWATERING ASSOCIATED WITH EXCAVATION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH NYCDEP AND NYSDEC STANDARDS, AS APPLICABLE. CONTRACTOR RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS FOR CONSTRUCTION DEWATERING ACTIVITIES.

ABBREVIATIONS

BLDG - BUILDING	MAX. - MAXIMUM
BC - BOTTOM OF CURB	MEP - MECHANICAL
C.B. - CATCH BASIN	ELECTRICAL PLUMBING
CIP - CAST IRON PIPE	MIN. - MINIMUM
CONC. - CONCRETE	N.I.C.- NOT IN CONTRACT
DIA. - DIAMETER	O.C. - ON CENTER
DOM. - DOMESTIC	SAN - SANITARY SEWER
EL. - ELEVATION	SERVICE
FFE - FINISHED FLOOR	TC - TOP OF CURB
FT. - FEET	TYP. - TYPICAL
GR. - GRATE	U.O.N. - UNLESS OTHERWISE
HP - HIGH POINT	NOTED
INV. - INVERT	V.I.F. - VERIFY IN FIELD
LP - LOW POINT	W/ - WITH

OVERALL LEGEND

	HYDRANT		TREE
	STREET LIGHT		MONITORING WELL
	SIGNAL POLE		FUEL PORT
	MANHOLE		SIGN
WV	WATER VALVE		POLE
GV	GAS VALVE		BOLLARD
	UNKNOWN VALVE		REFERENCED UTILITY LINE (TYPE AND SIZE AS NOTED)
	CATCH BASIN		EXISTING UTILITY (TYPE AND SIZE AS NOTED)
	METAL COVER		NEW CONCRETE CURB
	ELECTRIC BOX		NEW FENCE LINE
	DOOR		NEW ONSITE TREE
	DOUBLE DOOR		
	GARAGE DOOR		
x 46.00	EX. SPOT ELEVATION		
x TC46.50 BC46.00	EX. TOP/BOTTOM OF CURB ELEVATION		
	CLEAN OUT		

GRADING AND DRAINAGE

PROPOSED CONTOUR	10.0	PROPOSED CATCH BASIN	
EXISTING CONTOUR	10.0	PROPOSED STORM-WATER PIPE	
PROPOSED ELEVATION	x 46.60	PROPOSED GRIT CHAMBER	
PROPOSED TOP AND BOTTOM OF CURB	x TC47.10 BC46.60		
PROPOSED ELEVATION TO MATCH EXISTING	x (46.60)		

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
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Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
NOTES, ABBREVIATIONS, LEGEND

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
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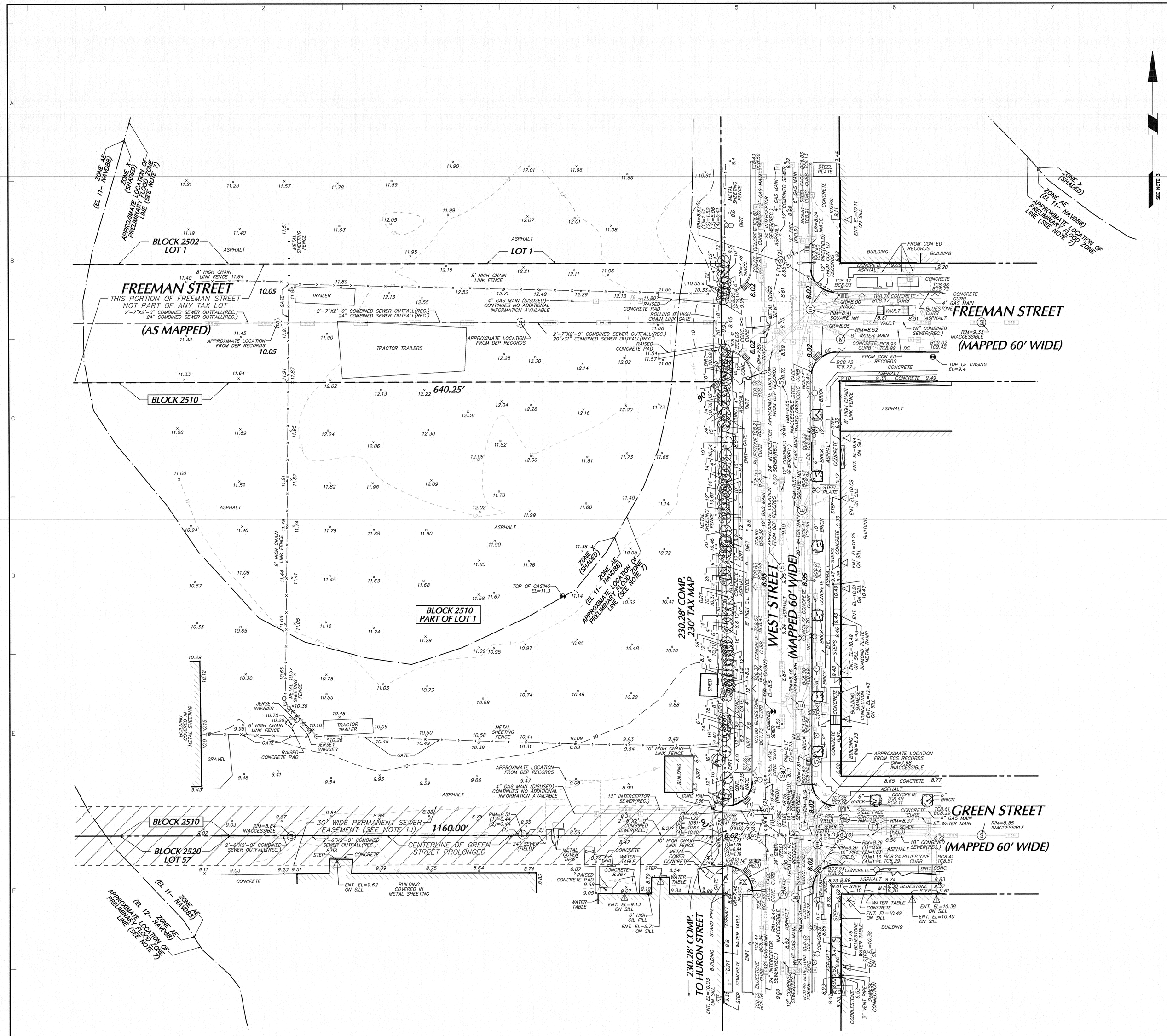
Checked By TJW
Submission Date X

G-003.00

Sheet 01 of 01



NOTES

1. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, AND THE FOLLOWING REFERENCES:
   A. SECTIONAL MAP No. 1, BOROUGH OF BROOKLYN.
   B. CURRENT TAX MAPS.
   C. "SURVEY OF PROPERTY", ORDER No. 95101-C1, DATED OCTOBER 29, 2012, BY BARTLETT, LUDLAM & DILL ASSOCIATES.
   D. "PARCEL DIAGRAM INDICATING TAX LOT RE-APPORTIONMENT", ORDER No. 95101-C3, DATED JUNE 7, 2013, BY BARTLETT, LUDLAM & DILL ASSOCIATES.
   E. "BLDG E3-SITE PLAN, GREENPOINT LANDING, BROOKLYN, NEW YORK", HPO-009, DRAWING NO. 4.33.01, DATED NOVEMBER 15, 2013, BY HANDEL ARCHITECTS.
   F. "GREENPOINT ZONING LOT DIAGRAM, Z-02 ZONING ANALYSIS SUMMARY, GREENPOINT LANDING, BROOKLYN, NEW YORK", PROJECT NO. 4.33.01, DRAWING NO. Z-002, DATED JANUARY 28, 2014, BY HANDEL ARCHITECTS.
   G. "ARCHITECTURAL SURVEY IN THE BOROUGH OF BROOKLYN, CITY AND STATE OF NEW YORK KNOWN AS GREENPOINT LANDING", ORDER No. 95101-C1, SHEET 1 OF 6, DATED JANUARY 12, 2006, BY BARTLETT, LUDLAM & DILL ASSOCIATES.
   H. "GREENPOINT LANDSCAPE ENLARGED PLAN" BY HANDEL ARCHITECTS LLP, PROJECT NO. 4.33.01, DRAWING NO. 9.03, DATED APRIL 3, 2014.
   I. "PROPOSED ZONING LOT MAP, GREENPOINT LANDING", PROJECT NO. 170229002, DRAWING NO. 09.04, DATED FEBRUARY 20, 2014, LAST REVISED APRIL 1, 2015, BY LANGAN.
   J. "MAP ESTABLISHING THE LINES OF A PERMANENT SEWER EASEMENT FROM WEST STREET TO A POINT 1046 FEET WESTERLY THEREFROM AND ADJUSTING THE GRADES THEREFOR", MAP NO. V-2246, ADOPTED FEBRUARY 21, 1980, BY THE CITY OF NEW YORK BOROUGH OF BROOKLYN OFFICE OF THE PRESIDENT TOPOGRAPHICAL BUREAU.
2. THE SURVEYED PROPERTY IS SUBJECT BUT NOT LIMITED TO THE FOLLOWING FACTS AS REVEALED BY THE HEREON REFERENCED INFORMATION. THE INFORMATION SHOWN HEREON DOES NOT CONSTITUTE A TITLE SEARCH BY THE SURVEYOR. ALL INFORMATION THAT MAY AFFECT THE QUALITY OF TITLE TO BOTH THE SUBJECT AND ADJOINING PARCELS SHOULD BE VERIFIED BY AN ACCURATE AND CURRENT TITLE REPORT.
3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO APPROXIMATE NORTH.
4. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED UPON BROOKLYN BOROUGH BENCHMARKS # 4284 & 4288, CONVERTED USING METHODS PER THE ADMINISTRATIVE CODE OF NYC SECTION 28-104.7.6 LOCAL LAW 96 OF 2013 TABLE 104.7.6.2 AND VERTCON PROGRAM AS PROVIDED BY THE NATIONAL GEODETIC SURVEY.

   USING THIS METHOD 0.000' NAVD88 IS EQUAL TO -1.454 BROOKLYN HIGHWAY DATUM. (SEE DATUM CONVERSION CHART)
5. STREET NAMES AND R.O.W. WIDTHS, BLOCK AND LOT NUMBERS AS PER MAPS REFERENCED IN NOTE 1.
6. PLANIMETRIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEY BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C. DURING NOVEMBER OF 2015.
7. FLOOD ZONE INFORMATION

   CURRENT:
   AS PER THE "NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP TITLED CITY OF NEW YORK, NEW YORK, BRONX, RICHMOND, NEW YORK, QUEENS, AND KINGS COUNTIES, PANEL 2 OF 407, MAP NUMBER 3604970002C, EFFECTIVE SEPTEMBER 5, 2007" THE PORTION OF BLOCK 2510 LOT 1 DEPICTED LIES WITHIN ZONE AE (EL 10- NGVD29).

   PRELIMINARY:
   AS PER THE "NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP TITLED CITY OF NEW YORK, NEW YORK, BRONX, RICHMOND, NEW YORK, QUEENS, AND KINGS COUNTIES, PANEL 202 OF 457, MAP NUMBER 3604970202G, PRELIMINARY DATED DECEMBER 5, 2013." THE PORTION OF BLOCK 2510 LOT 1 DEPICTED LIES PARTIALLY WITHIN ZONE X (SHADED), AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD, PARTIALLY WITHIN ZONE AE (EL 11- NAVD88), AND PARTIALLY WITHIN ZONE AE (EL 12- NAVD88).
8. OFFSETS OF SHOWN ARE FOR SURVEY REFERENCES ONLY AND ARE NOT TO BE USED IN CONSTRUCTION OF ANY TYPE.
9. WETLANDS, ENVIRONMENTAL AND/OR HAZARDOUS MATERIALS LOCATION, IF ANY, NOT COVERED UNDER THIS CONTRACT.
10. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE SHAPE, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND THE LOCATIONS WHERE DATA WAS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE THE SURVEYOR CANNOT AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.

    ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.

    UNLESS SPECIFICALLY NOTED HEREON THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.

    PRIOR TO ANY DESIGN OR CONSTRUCTION THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.

    UNLESS NOTED BELOW SUPPLEMENTAL DOCUMENTS WERE NOT USED TO COMPILE THE SUBSURFACE UTILITY INFORMATION SHOWN HEREON.

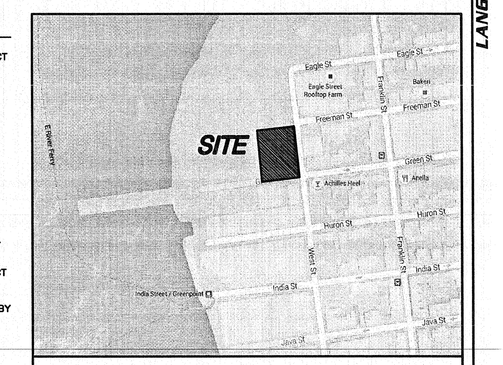
    SEWER AND WATER UTILITY MAPPING PROVIDED BY NYC DEP. GAS UTILITY MAPPING PROVIDED BY NATIONAL GRID. ELECTRICAL UTILITY MAPPING PROVIDED BY CON EDISON. CABLE UTILITY MAPPING PROVIDED BY TIME WARNER NYC.

    TIME WARNER NYC UTILITY MAPPING IS NOT PLOTTED DUE TO UNKNOWN SCALE AND/OR SCHEMATIC MAPS BEING PROVIDED.
11. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
12. THIS PLAN NOT VALID UNLESS EMBOSSED OR BLUE INK STAMPED WITH THE SEAL OF THE PROFESSIONAL.
13. BOUNDARY SHOWN HEREON IS BASED ON THE PLANS REFERENCED IN NOTE 1 AND IS AN APPROXIMATE LOCATION FOR INFORMATIONAL PURPOSES ONLY. THIS BOUNDARY WAS PRODUCED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT CONSTITUTE A BOUNDARY DETERMINATION BY LANGAN.

LEGEND
(SYMBOLS NOT SHOWN TO SCALE)

- HYDRANT
- STREET LIGHT
- SIGNAL POLE
- MANHOLE
- WATER VALVE
- GAS VALVE
- UNKNOWN VALVE
- CATCH BASIN
- METAL COVER
- ELECTRIC BOX
- DOOR
- DOUBLE DOOR
- GARAGE DOOR
- PARKING METER
- x 322.35 — SPOT ELEVATION
- CLEAN OUT
- TREE
- BM-1 — BENCH MARK
- SIGN
- POLE
- ANCHOR POLE
- BOLLARD
- D — D — STORM DRAIN
- S — S — SANITARY
- C O M B — COMBINED SEWER
- C — C — CABLE TV TONE OUT
- G — G — GAS TONE OUT
- W — W — WATER TONE OUT
- E — E — ELECTRIC TONE OUT
- T — T — TELEPHONE & COMMUNICATION TONE OUT
- S T — STEAM TONE OUT
- U N K — UNKNOWN UTILITY TONE OUT
- X — X — FENCE (TYPE AS NOTED)
- OVERHEAD WIRE
- GUIDE RAIL (TYPE AS NOTED)
- TREE LINE
- PROPERTY/RIGHT-OF-WAY LINE
- X — REFERENCED UTILITY LINE (TYPE AS NOTED)-PLOTTED FROM EXISTING MAPPING
- MAILBOX
- FILL VALVE
- BENCH
- TRAFFIC FLOW
- MONITORING WELL
- BORING
- FLAG POLE
- CURRENT FLOOD ZONE LINE (SEE NOTE 7)
- PRELIMINARY FLOOD ZONE LINE (SEE NOTE 7)
- M.C. — METAL COVER
- 61.7 — ESTABLISHED GRADE FROM MAP CITED IN NOTE 1J (CONVERTED FROM BOROUGH DATUM -SEE NOTE 4)
- INACC. — INACCESSIBLE
- D.E. — DEAD END

GRAPHIC SCALE 1"=20'
0 20 40 60



PROJECT LOCATION MAP
SCALE: N.T.S.

SOURCE: GOOGLE

DATUM CONVERSION CHART

0.00' BROOKLYN HIGHWAY DATUM		1.454'
0.00' NAVD 88	2.547'	
		1.093'
0.00' NGVD 29		

THE FOLLOWING REQUESTS FOR UTILITY INFORMATION HAVE BEEN MADE.	
UTILITY	RECEIVED
WATER	DEP 10/30/13
SEWER	DEP 10/30/13
GAS	NATIONAL GRID 06/02/14
ELECTRIC	CON ED 12/11/13
STEAM	NOT APPLICABLE
COMM./ OTHER	ECS 11/04/13, TWC 11/01/13, CABLEVISION 05/28/14, AT&T LNS 05/27/14, AT&T CORE 05/19/14, LEVEL 3 11/04/13

Date	Description	No.

REVISIONS

"I hereby state that this plan is based on a field survey made by me or under my immediate supervision in accordance with 19 NYCRR Code of Professional Practice for Land Surveying to the best of my professional knowledge, information and belief, and is a true and correct representation of the conditions found on this date and bears no other or further liens or encumbrances upon the subject property".

SIGNATURE — DATE SIGNED — NOV 2015

PAUL D. FISHER
PROFESSIONAL LAND SURVEYOR
NY LIC. No. 050784-1

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Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan International, LLC
Collectively known as Langan

Project

GREENPOINT LANDING

BLOCK No. 2510, PART OF LOT No. 1
BOROUGH OF BROOKLYN
CITY OF NEW YORK

KINGS COUNTY — NEW YORK

Drawing Title

TOPOGRAPHIC & UTILITY SURVEY

Project No. 170229002	Drawing No. 07.13
Date 11/12/15	
Scale 1"=20'	
Drawn By LB	
Checked By PDF	Sheet 001 of 001

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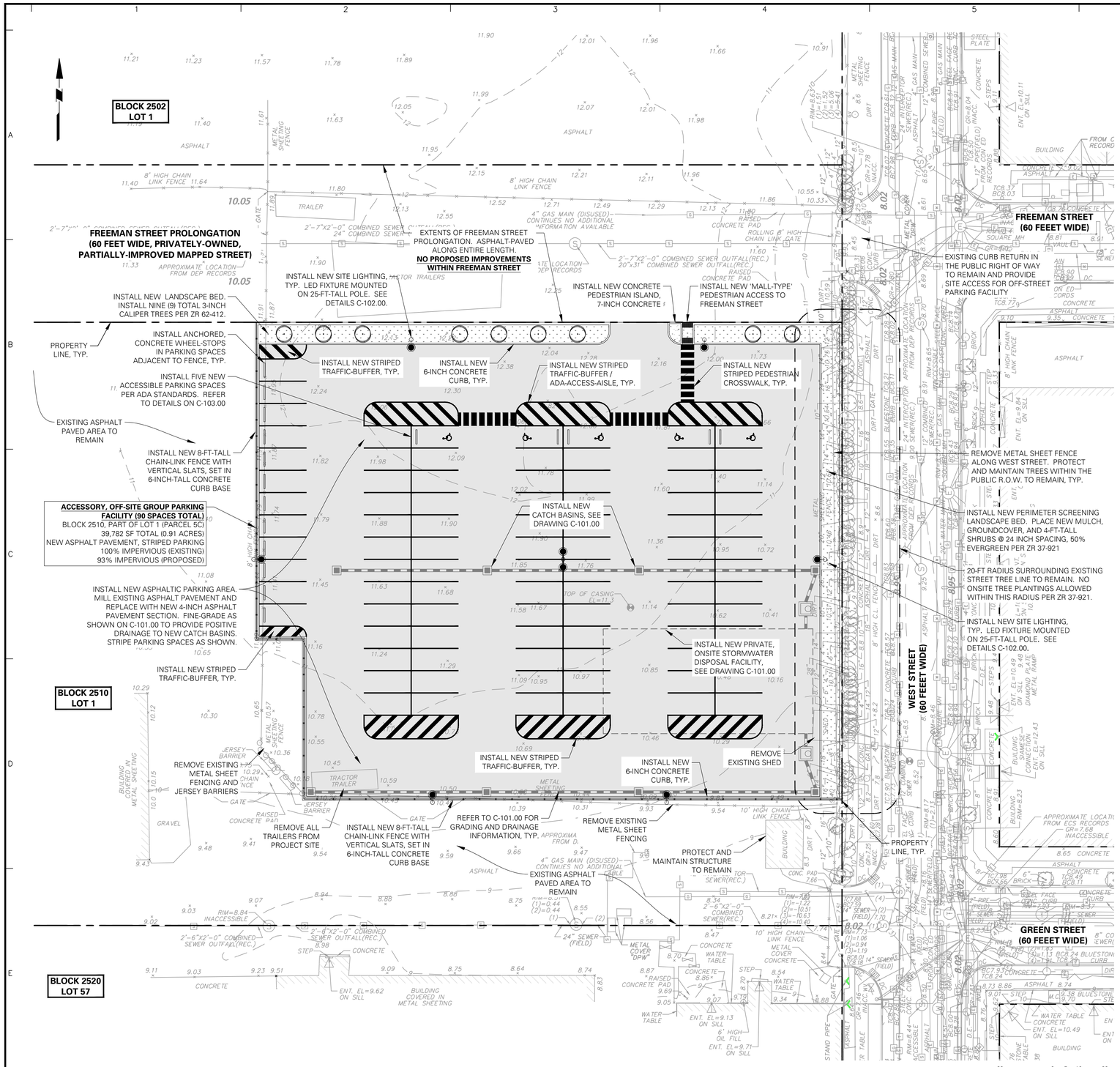
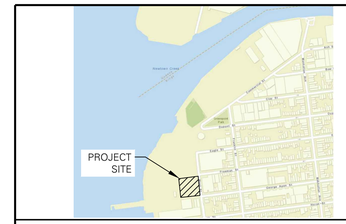
PROJECT No. 170229002

\\langan.com\data\NYC\data0\170229002\Survey Data - 170229002\Terramodel\Existing\170229002-Final-Block 2510-Lot 1-Parking Lot Area-NAVD88.pro Nov 20,2015



1 SITE PLAN
SCALE: 1" = 20'

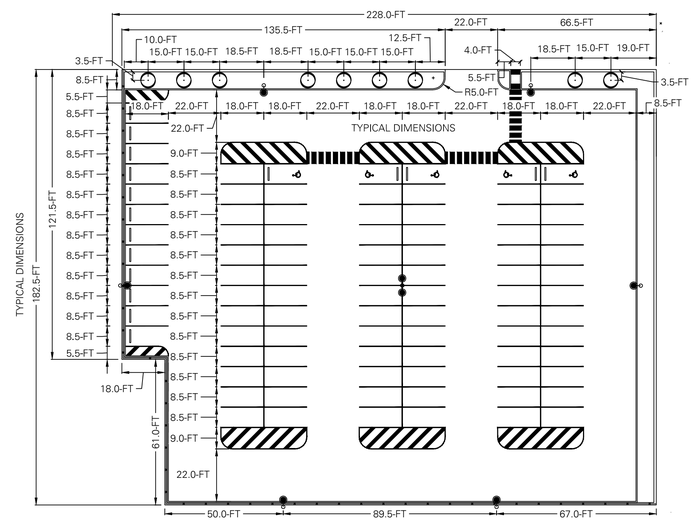


PROJECT LOCATION MAP

SCALE: NTS

ADA COMPLIANCE PER ZONING RESOLUTION AND NYCDOB CODE

1. PER NYC ZR AND NYCDOB CODE, AT LEAST 5% OF TOTAL PARKING SPACES MUST BE ACCESSIBLE PER ADA CODE (ICC A117.1).
2. 90 TOTAL SPACES ARE PROVIDED WITH 5 ACCESSIBLE SPACES WHICH MEET ADA DESIGN CODE
3. (5/90 = 5.5%)
4. PER ADA CODE, ONE-SIXTH (1/6) OF ACCESSIBLE SPACES MUST BE VAN ACCESSIBLE. ALL PROPOSED ACCESSIBLE SPACES SHOWN IN THESE PLANS HAVE AN ACCESS AISLE THAT COMPLIES WITH ADA CODE FOR VAN ACCESSIBLE PARKING SPACES.
5. ALL ACCESSIBLE PARKING SPACES ARE NEAREST THE PARKING ENTRANCE AND ARE PROVIDED AN ACCESS PATHWAY TO THAT ENTRANCE THAT MEETS ADA CODE FOR WIDTH AND SLOPES.



2 DIMENSIONAL CONTROL PLAN
SCALE: 1" = 30'

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LIC. No. 081589

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Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
SITE PLAN AND DIMENSIONAL CONTROL

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
Drawn By WGS
Checked By TJW
Submission Date X

C-100.00

Sheet 01 of 01

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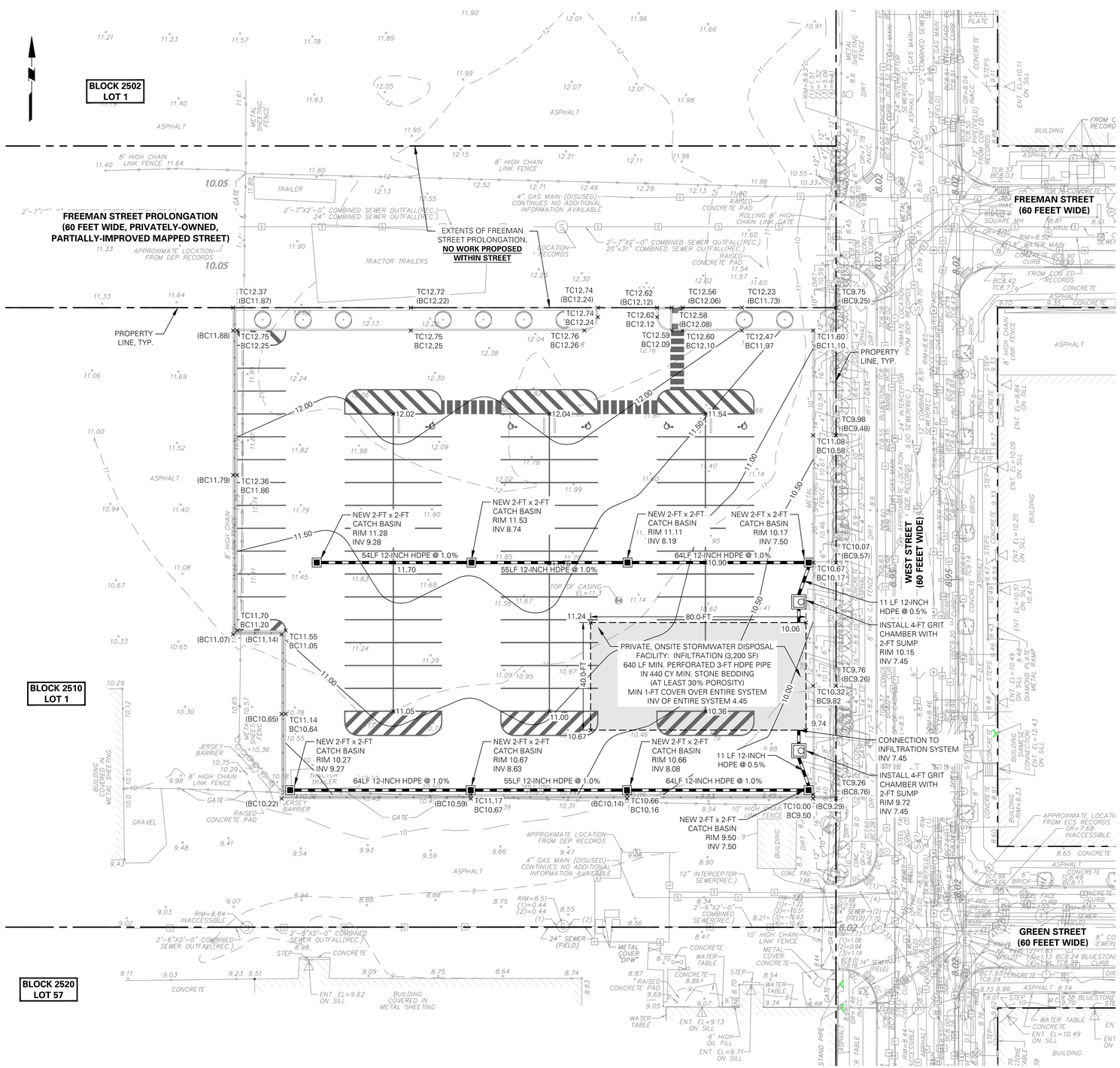
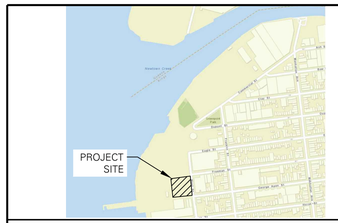


1 SITE GRADING AND DRAINAGE PLAN
SCALE: 1" = 20'



PROJECT LOCATION MAP

SCALE: NTS

PRIVATE, ONSITE STORMWATER DISPOSAL FACILITY: INFILTRATION SYSTEM
NYCDOB DESIGN PARAMETERS

INFILTRATION SYSTEMS SHALL BE DESIGNED TO THE REQUIREMENTS OF PC 1114.3 AS DEMONSTRATED IN THE BELOW CALCULATIONS:

1. PC 1114.3.1 RUN-OFF RATE

Q = Cw x I x A (EQUATION 11-1), *WHERE:*

Cw = SURFACE WEIGHTED RUNOFF COEFFICIENT = 0.85 (100% ASPHALT PAVED)
I = RAINFALL INTENSITY = 5.95 IN/HR
A = TOTAL SITE AREA IN ACRES = (0.91 AC),

Q = (0.85) x (5.95 IN/HR) x (0.91) = **4.60 CFS**

2. PC 1114.3.1.1 STORAGE VOLUME

OUTFLOW RATE DUE TO INFILTRATION, Qinf

Qinf = (FAmin x Isoil) / 43,200 (EQUATION 11-3), *WHERE:*

FAmin = SYSTEM FOOTPRINT = 3,200 SF (40 FT x 80FT)
Isoil = SOIL INFILTRATION RATE = 0.50 IN/HR (ASSUMED WORST CASE CRITERIA)

Qinf = (3,200 SF x 0.50 IN/HR) / 43,200 = 0.037 CFS

RESTRICTED FLOW RATE PER ACRE OF IMPERVIOUSNESS, Qo

Qo = Qinf / (A x Cw) (EQUATION 11-4),

Qo = 0.037 CFS / (0.91 AC x 0.85) = 0.048 CFS / AC

STORM DURATION, t

t = [(12,600 / Qo) ^ 0.5 / 2] - 15 (EQUATION 11-5)

t = [(12,600 / 0.048) ^ 0.5 /2] - 15 = 241 MINS

MINIMUM REQUIRED DETENTION VOLUME, V

V = [((8,400 x t) / (t +15)) - 40 x t x Qo] x A x Cw

V = [((8,400 x 241 MINS) / (241 MINS + 15)) - 40 x 241 MINS x 0.048 CFS] x 0.91 AC x 0.85 = **5,759 CF**

PROPOSED INFILTRATION SYSTEM WILL BE A PERFORATED PIPE SYSTEM IN A CRUSHED STONE BEDDING. STORMWATER RUNOFF WILL BE CONVEYED TO THE SYSTEM BY TWO CATCH-BASIN NETWORKS. TWO GRIT CHAMBERS WILL BE PROVIDED FOR EACH CATCH BASIN NETWORK IN ACCORDANCE WITH PC 1114.4.1

TOTAL VOLUME PROVIDED BY THE SYSTEM EXCEEDS THAT REQUIRED BY PLUMBING CODE AS DEMONSTRATED IN THE BELOW CALCULATIONS:

3. PROPOSED SYSTEM DESIGN

THE PROPOSED INFILTRATION SYSTEM WILL BE A PERFORATED PIPE SYSTEM WITH THE FOLLOWING DESIGN PARAMETERS:

TOTAL # OF PIPE ROWS:	8 ROWS
LENGTH OF SYSTEM:	80 FEET
PIPE DIAMETER:	3 FEET
TOTAL LENGTH OF PIPE:	640 FEET (8 ROWS x 80 FEET)
STONE BEDDING:	30% POROSITY

4. TOTAL VOLUME PROVIDED

THE TOTAL PROVIDED VOLUME OF THE INFILTRATION SYSTEM IS THE SUM OF THE PIPE VOLUME AS WELL AS THE VOLUME PROVIDED WITHIN THE INTERSTITIAL SPACES OF THE STONE BEDDING:

PIPE VOLUME:	4,524 CF (640 TOTAL FEET x π x (1.5 FT) ^ 2)
STONE BEDDING VOLUME:	5,076 CF ((3,200 SF x 3 FT DEEP) - 4,524 CF PIPE VOLUME)
STORAGE VOLUME (STONE):	1,523 CF (5,076 CF VOLUME x 30% POROSITY)
TOTAL PROVIDED VOLUME:	**6,047 CF** (> 5,759 CF REQUIRED)

REFER TO STORMWATER DRAINAGE DETAILS ON C-103.00 FOR MORE INFORMATION.

20 0 5 10 20
SCALE IN FEET

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

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SIGNATURE DATE SIGNED
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Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
SITE GRADING AND DRAINAGE PLAN

Project No.	170229002
Date	17 NOVEMBER 2015
Scale	AS SHOWN
Drawn By	WGS
Checked By	TJW
Submission Date	X
Sheet	01 of 01

C-101.00

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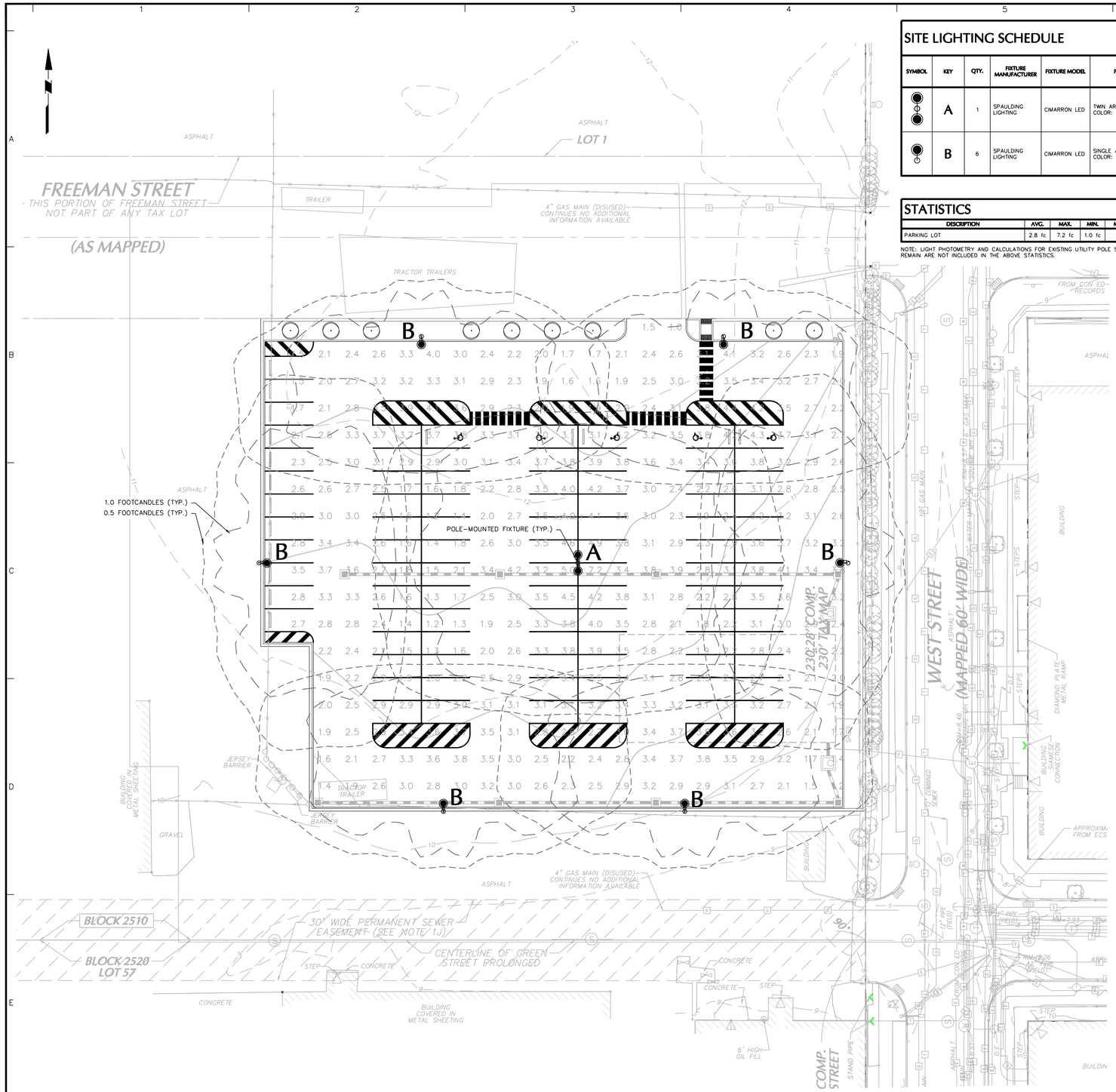

SITE LIGHTING SCHEDULE

SYMBOL	KEY	QTY.	FIXTURE MANUFACTURER	FIXTURE MODEL	FIXTURE DESCRIPTION	LAMP MOUNTING HEIGHT	FIXTURE CATALOGUE NO.	LAMP WATTAGE	LAMP SOURCE	OPTICS	INITIAL LAMP LUMENS	LLF	IES FILE	POLE MANUFACTURER	POLE DESCRIPTION	POLE CATALOG NO.	REMARKS
	A	1	SPAULDING LIGHTING	CIMARRON LED	TWIN ARM MOUNTED FIXTURE COLOR: BLACK	25'-0"	CLPC-2-90LU-5K-3-25	210 W	LED 5000K	TYPE III	19,006	0.90	CL1-X-90L-1-5K-3.IES	SPAULDING LIGHTING	22'-0" SQUARE STRAIGHT STEEL POLE COLOR: BLACK	SSS-S-25-40-A-2-S2 -BL	QUICK SHIP FIXTURE & 22'-0" POLE ON A 3'-0" EXPOSED CONCRETE BASE
	B	6	SPAULDING LIGHTING	CIMARRON LED	SINGLE ARM MOUNTED FIXTURE COLOR: BLACK	25'-0"	CLPC-1-90LU-5K-3-25	210 W	LED 5000K	TYPE III	19,006	0.90	CL1-X-90L-1-5K-3.IES	SPAULDING LIGHTING	25'-0" SQUARE STRAIGHT STEEL POLE COLOR: BLACK	SSS-S-25-40-A-1-S2 -BL	QUICK SHIP FIXTURES AND POLES

STATISTICS

DESCRIPTION	AVG.	MAX.	MIN.	MAX./MIN.	AVG./MIN.
PARKING LOT	2.8 fc	7.2 fc	1.0 fc	7.2:1	2.8:1

NOTE: LIGHT PHOTOMETRY AND CALCULATIONS FOR EXISTING UTILITY POLE STREET LIGHTING TO REMAIN ARE NOT INCLUDED IN THE ABOVE STATISTICS.

NYC ZONING AND NYCDOB CODE COMPLIANCE

1. PED NYCDOB CODE, PARKING FACILITY IS ILLUMINATED TO A 1.0-FOOF-CANDLE MINIMUM, SPREAD OUT OVER THE ENTIRE AREA.
2. PER NYC ZR AND DOB CODE, LIGHTING IS DIRECTED DOWNWARD AND AWAY FROM ADJACENT PROPERTIES.
3. NO FLOOD LIGHTING IS PROPOSED.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LIC No. 081589

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Langan CT, Inc.
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Collectively known as Langan
NJ Certificate of Authorization No. 24GA27996400

Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
LIGHTING PLAN

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
Drawn By LC
Checked By MH
Submission Date X
Sheet 01 of 01

L-001.00

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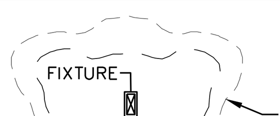
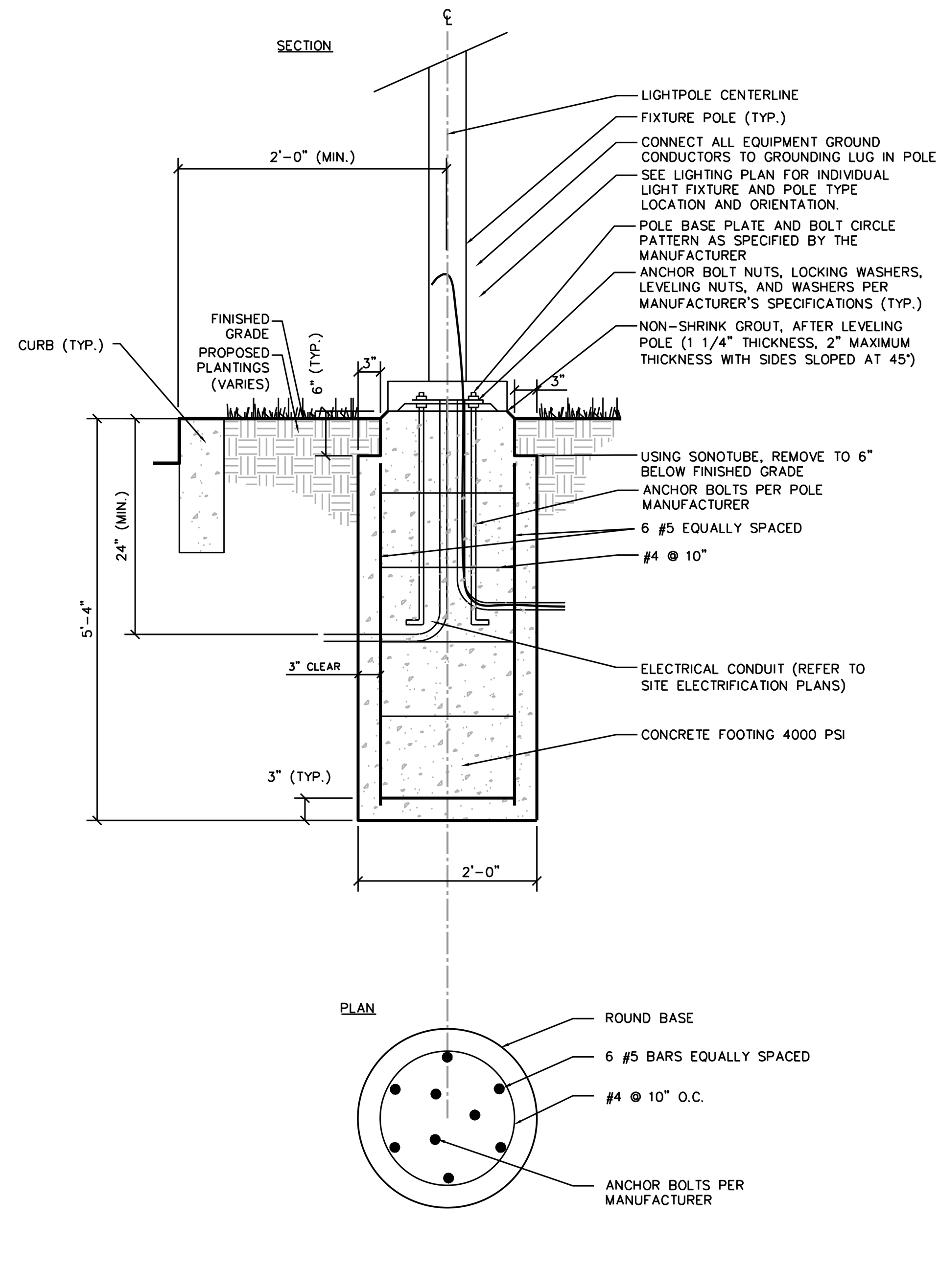
GENERAL LIGHTING NOTES:

1. PROVIDE A CONCRETE BASE FOR EACH LIGHT POLE AT THE LOCATIONS INDICATED ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH PROJECT PLANS AND SPECIFICATIONS RELATING DIRECTLY TO CAST-IN-PLACE CONCRETE.
2. CONTRACTOR TO COORDINATE INSTALLATION OF UNDERGROUND FEEDER CABLE FOR EXTERIOR LIGHTING WITH EXISTING AND PROPOSED UTILITIES, SITE DRAINAGE SYSTEMS, AND PAVING. CONTRACTOR SHALL PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE SHOULD ANY UTILITIES, NOT SHOWN ON THE PLANS, BE FOUND DURING EXCAVATIONS.
3. CONTRACTOR TO OPERATE EACH LUMINAIRE AFTER INSTALLATION AND CONNECTION. INSPECT FOR IMPROPER CONNECTIONS AND OPERATION.
4. AIM AND ADJUST ALL LUMINAIRES TO PROVIDE ILLUMINATION LEVELS AND DISTRIBUTION AS INDICATED ON THE CONSTRUCTION DRAWINGS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT AND/OR OWNER.
5. CONTRACTOR TO COORDINATE INSTALLATION OF ALL THE WALL MOUNTED FIXTURES AND ELECTRICAL CONNECTIONS TO SITE STRUCTURE(S) WITH BUILDING MEP, ARCHITECT, AND/OR OWNER.
6. INSTALLATION OF ALL LIGHTING FIXTURES, POLES, FOOTINGS, AND FEEDER CABLE TO BE COORDINATED WITH ALL SITE WORK TRADES TO AVOID CONFLICT WITH FINISHED AND PROPOSED WORK.
7. POINT SPACING ON PLACE OF CALCULATION IS 10 FT. LEFT TO RIGHT AND 10 FT. TOP TO BOTTOM. POINT BY POINT CALCULATIONS ARE BASED ON A 0.90 MAINTENANCE FACTOR.
8. ALL SITE LIGHTING RELATED WORK AND MATERIALS SHALL COMPLY WITH CITY, COUNTY, AND OTHER APPLICABLE GOVERNING AUTHORITY REQUIREMENTS.
9. SITE ELECTRICAL CONTRACTOR TO COORDINATE LOCATION OF EASEMENTS, UNDERGROUND UTILITIES AND DRAINAGE BEFORE DRILLING POLE BASES.
10. SITE ELECTRICAL CONTRACTOR TO COORDINATE POWER SOURCE WITH LIGHT FIXTURES TO INSURE ALL SITE LIGHTING IS OPERATING EFFECTIVELY, EFFICIENTLY AND SAFELY.
11. SITE ELECTRICAL CONTRACTOR SHALL CONFIRM THAT LIGHT FIXTURES MATCH SPECIFICATIONS ON THE PLANS.
12. REFER TO ELECTRIFICATION PLAN FOR PROVIDING ADEQUATE POWER FOR SITE LIGHTING.
13. SITE ELECTRICAL CONTRACTOR SHALL EXAMINE AND VERIFY THAT SOIL CONDITIONS ARE SUITABLE TO SUPPORT LOADS EXERTED UPON THE FOUNDATIONS DURING EXCAVATION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY UNSATISFACTORY CONDITIONS.
14. POLE FOUNDATIONS SHALL NOT BE POURED IF FREE STANDING WATER IS PRESENT IN EXCAVATED AREA.
15. LIGHTING SUBSTITUTION REQUIREMENTS:
    - A. ALL LIGHTING SUBSTITUTIONS MUST BE MADE WITHIN 14 DAYS PRIOR TO THE BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTION WITH THE FOLLOWING REQUIREMENTS:
    - B. ANY SUBSTITUTION TO LIGHTING FIXTURES, POLES, ETC. MUST BE APPROVED BY THE OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
    - C. COMPUTER PREPARED PHOTOMETRIC LAYOUT OF THE PROPOSED LIGHTED AREA WHICH INDICATES BY ISOFOOTCANDLE THE SYSTEM'S PERFORMANCE. POLE LOCATIONS MUST MATCH THOSE SHOWN ON THE LIGHTING PLAN TO AVOID FURTHER CONFLICTS AND FURTHER COORDINATION WITH SITE UTILITIES, STORMWATER SYSTEM, AND LANDSCAPE PLAN. STATISTIC ZONES MUST BE SHOWN TO MATCH THE LIGHT LEVELS ON THE APPROVED DRAWINGS.
    - D. ANY COST ASSOCIATED WITH REVIEW AND/OR APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR.
    - E. A PHOTOMETRIC REPORT FROM A NATIONAL INDEPENDENT TESTING LABORATORY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS; IES CALCULATIONS, CANDLEPOWER TABULATIONS, ZONE LUMEN SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS. CATALOGUE CUTS MUST IDENTIFY, BUT NOT LIMITED TO, OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH AND HOUSING DESCRIPTION.
    - F. POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
    - G. THE UNDERWRITERS LABORATORY LISTING AND FILE NUMBER FOR THE SPECIFIC FIXTURE(S) TO BE UTILIZED.
    - H. A COLOR PHOTOGRAPH THAT CLEARLY SHOWS THE REPLACEMENT FIXTURE POLE MOUNTED, THE FIXTURE'S COLOR, FINISH, AND PHYSICAL CHARACTERISTICS.
    - I. LIGHTING LAYOUT AND LEVELS COMPLY WITH THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) SAFETY STANDARDS AND ALL OTHER LOCAL CODES AND/OR TENANT REQUIREMENTS.
16. PHOTOMETRIC LIGHTING TEMPLATE:



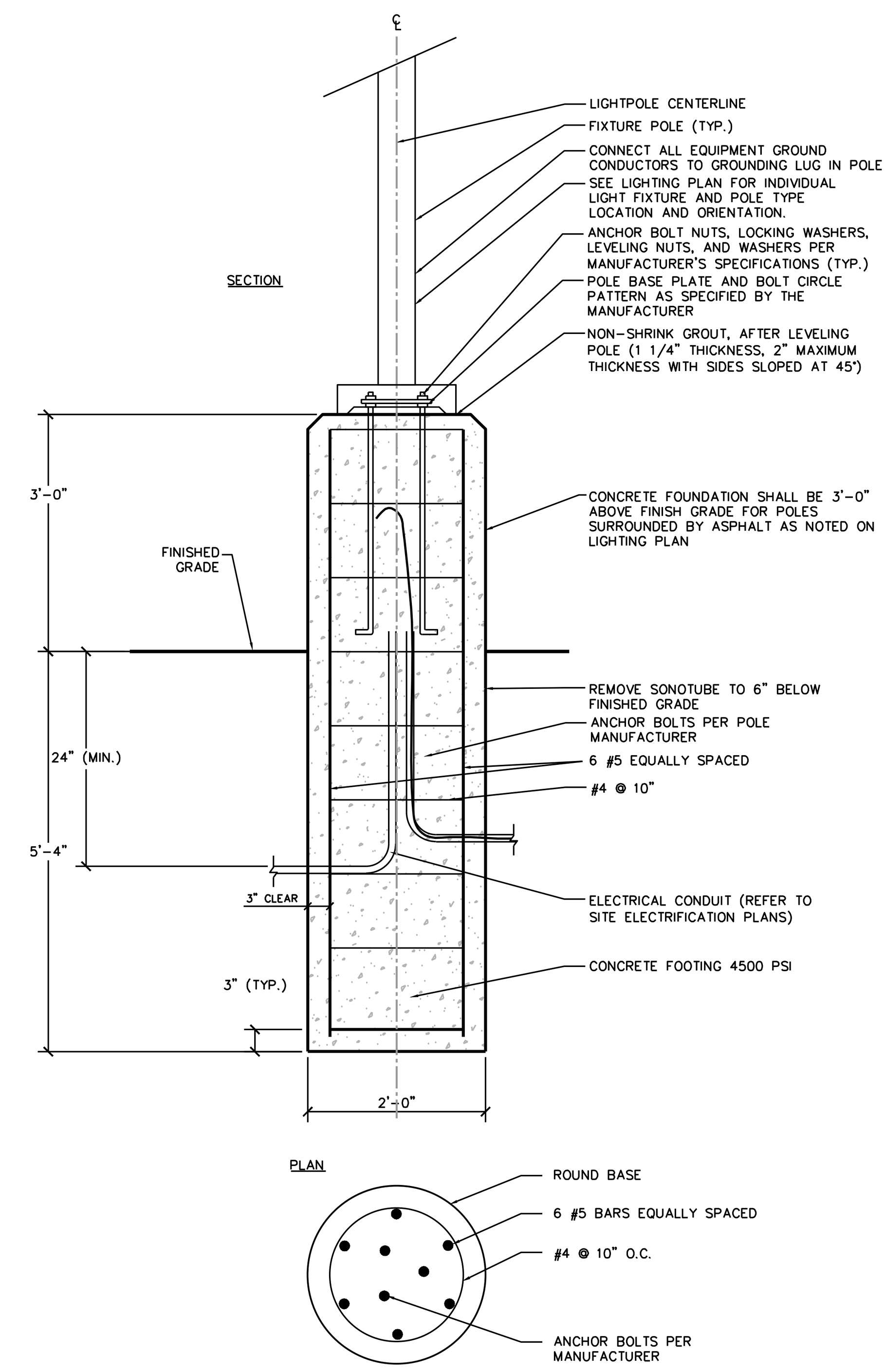
NOTE: THE PHOTOMETRIC TEMPLATE REPRESENTS LIGHT THROW FOR EACH INDIVIDUAL FIXTURE. IT DOES NOT REPRESENT LIGHT COMING FROM OTHER SOURCES.



NOTES:

1. SHAFT CAP, ARMS, BASE FLANGE, ANCHOR BOLTS, LEVELING NUTS, CONNECTION HARDWARE, BOLT COVERS, HANDHOLE COVER, AND BOLT CIRCLE TEMPLATE SHALL BE FURNISHED BY POLE MANUFACTURER.
2. EACH STANDARD TO BE PROTECTED AGAINST LIGHTNING WITH AN INTERCONNECTED GROUND ROD. THIS ROD SHALL BE BONDED PER SECTION NUMBER 250-86, N.E.C.
3. CONTRACTOR TO ENSURE CONCRETE POLE BASES ARE POURED / PLACED ABSOLUTELY VERTICAL & LEVEL.
4. POLE BASE SHALL BE ONE CONTINUOUS POUR. EXPOSED PORTION OF BASE SHALL BE HAND-RUBBED SMOOTH.
5. CONTRACTOR TO COMPACT SUBGRADE AROUND POLE BASE PER EARTHWORK SPECIFICATIONS / GEOTECH REPORT.
6. THE INFORMATION ILLUSTRATED IN THE LIGHT POLE FOUNDATION DETAIL HAS BEEN PROVIDED FOR GENERAL REFERENCE AND PRELIMINARY COST ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAILED BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

1 LIGHT POLE FOOTING FLUSH WITH GRADE DETAIL



NOTES:

1. SHAFT CAP, ARMS, BASE FLANGE, ANCHOR BOLTS, LEVELING NUTS, CONNECTION HARDWARE, BOLT COVERS, HANDHOLE COVER, AND BOLT CIRCLE TEMPLATE SHALL BE FURNISHED BY POLE MANUFACTURER.
2. EACH STANDARD TO BE PROTECTED AGAINST LIGHTNING WITH AN INTERCONNECTED GROUND ROD. THIS ROD SHALL BE BONDED PER SECTION NUMBER 250-86, N.E.C.
3. CONTRACTOR TO ENSURE CONCRETE POLE BASES ARE POURED / PLACED ABSOLUTELY VERTICAL & LEVEL.
4. POLE BASE SHALL BE ONE CONTINUOUS POUR. EXPOSED PORTION OF BASE SHALL BE HAND-RUBBED SMOOTH.
5. CONTRACTOR TO COMPACT SUBGRADE AROUND POLE BASE PER EARTHWORK SPECIFICATIONS / GEOTECH REPORT.
6. THE INFORMATION ILLUSTRATED IN THE LIGHT POLE FOUNDATION DETAIL HAS BEEN PROVIDED FOR GENERAL REFERENCE AND PRELIMINARY COST ESTIMATE PURPOSES. LIGHT POLE FOUNDATIONS SHOULD BE DESIGNED AND DETAILED BY A LICENSED STRUCTURAL ENGINEER BASED ON EXISTING SOIL CONDITIONS, LOCAL DESIGN STANDARDS AND MANUFACTURERS RECOMMENDATIONS.

2 LIGHT POLE FOOTING EXPOSED CONCRETE BASE DETAIL

Cimarron CL1

Area/Site Lighting

RECTANGULAR LUMINAIRES

FEATURES

- Stylish vertically finned die-cast solid top housing and lower heat sink optimize heat dissipation;
- Isolated electrical compartment with integral heat sinking for cooler operation and longer driver life
- Drivers have greater than 90% power factor and less than 20% THD
- Optional continuous dimming to 10% or dual circuitry available
- Automatic thermal self protection
- 20KA surge protection with an end of life LED indicator
- 60,000 hours life (L90 @ 40°C)*
- Shipped with upswept or straight arm for uniform look and ease of installation
- -40 deg C to 40 deg C ambient operation
- Lektrocote TGIC polyester powder coat finish
- 3000K, 80 CRI; 4000K, 70 CRI; 5000K, 67 CRI
- Stainless steel bezel(s)
- Choice of 72 high brightness LED configurations with individual acrylic lenses aimed to produce IES type II, III, IV and V distributions and auto optics
- Backlight control option reduces spill light behind pole by 85%, doesn't change fixture appearance or EPA
- IP65
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations
- Increased lumen ouput with use of 1050mA driver (90L only)
- DesignLights Consortium qualified
- Turtle friendly Amber available

ORDERING INFORMATION

CL1 - ☐ - ☐ ☐ - ☐ - ☐ - ☐ - ☐ - ☐

SERIES
CL1 Cimarron LED

NO. OF LEDS
90L 90 High brightness LEDs
60L 60 High brightness LEDs
30L 30 High brightness LEDs

MOUNTING
A Arm mount construction (6" straight rigid arm included & acceptable for 90° configurations)
AD Decorative arm mount const. (6" decorative upswept arm incl. & acceptable for 90° configurations)
MAF Mast arm fitter for mounting to standard 2 3/8" mast arm bracket, includes 6" straight rigid arm

VOLTAGE
U[3] Universal 120V-277V, 50/60 Hz
1 120V
2 208V
3 240V
4 277V
5 480V, 60 Hz
F 347V, 60 Hz
E[4] 220V, 50 Hz

CCT
3K 3000K, 80CRI
4K 4000K, 70CRI
5K 5000K, 67CRI
AM[7] Amber (590 nm available for "Turtle Friendly" applications (consult factory)

DRIVE CURRENT
Leave blank for 700mA (standard)
035 350mA Amber CCT only
105 1050mA (use with 90L only for higher lumen output)

COLOR
DB Dark Bronze
BL Black
WH White
GR Gray
PS Platinum Silver
RD Red (premium color)
FG Forest Green (premium color)
CC Custom Color

DISTRIBUTION
2 Type II
3 Type III
4 Type IV
5S Type V Short
5M Type V Medium
5W Type V Wide
2L Type II Rotated 90° left
3L Type III Rotated 90° left
4L Type IV Rotated 90° left
2R Type II Rotated 90° right
3R Type III Rotated 90° right
4R Type IV Rotated 90° right
1A Auto Front Row Type I
1AR Auto Front Row Type I Rotated 90° right
1AL Auto Front Row Type I Rotated 90° left
2A Auto Front Row Type II
2AR Auto Front Row Type II Rotated 90° right
2AL Auto Front Row Type II Rotated 90° left

OPTIONS
BC[6] Backlight control
BL[1,2,5] Bi-level control
CD[2] Continuous dimming
WB Wall bracket
RPA3 3" Round pole adapter
RPA4 4" Round pole adapter
RPA5 5" Round pole adapter
RPA6 6" Round pole adapter
F(X)[3,4] Fusing (replace X with voltage: 1-120V, 2-208V, 3-240V, 4-277V, 5-480V, F-347V)
SSB Stainless steel LED bezel
VG Vandal guard
PR(X)[5] NEMA Photo cell receptacle (replace X with voltage: U=120-277, 5=480, F =347)
SCPW Wide Lens
WIR WiSCAPE
WIRSC WiSCAPE motion control
TCM[9] TOTUS control module

MOTION CONTROL OPTIONS
SCO[8] No light output when no motion detected On/Off control
SCP[8] Programmable motion control, designed for 30' to 40' mounting heights
SCPW[8] Programmable motion control, designed for up to 40' mounting heights

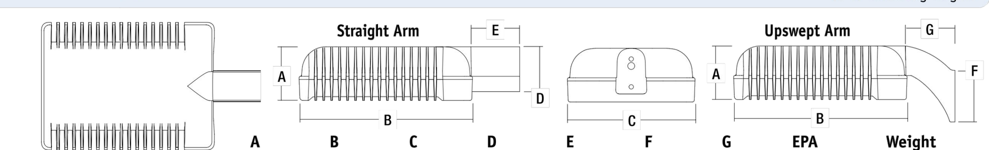
Notes:
1 For BL option 90L and 60L; N/A 347V & 480V
2 BL, CD and cannot be combined
3 Fuse option not available with universal voltage
4 Select F3 fusing option for 220V
5 Photocell receptacle not available with BL option
6 Recommended for Type II, III or Type IV distributions only
7 Available in 350mA drive current only, Type IV, 5m only
8 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings; factory default is 10% light level in unoccupied state; Must order minimum of one SCP-REMOTE to program dimming settings (see specification sheet for more details)
9 Must specify 120V, 208V, 240V, or 277V; not available with PR option; consult factory for 347V and 480V application; not available with BL or CD options

ENERGY DATA	
Power Factor	>.9
Total Harmonic Distortion	<20%

ACCESSORIES SEE PAGE: 203

*Projected per IESNA TM-21-11
NOTE: All poles to be drilled with #2 pattern,
FACTORY ROTATABLE OPTICS: See page 185

DIMENSIONS



	A	B	C	D	E	F	G	EPA	Weight
CL1	6 3/4"	21 3/4"	16"	6 5/8"	6 5/16"	5 5/8"	6 1/8"	< 1.3 ft²	Approx 45 lbs.
	171mm	552mm	406mm	168mm	160mm	143mm	155mm	< 0.12 m²	Approx 20.4 kg

SPAULDING LIGHTING

186

3 LIGHT FIXTURE

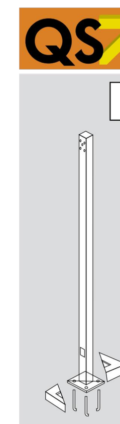
SPAULDING LIGHTING

Square Straight Steel Poles

(pole shaft prepared with #2 hole pattern on all four sides for Cimarron, Raven and MSV luminaires and includes three covers for any unused sides)

QS10 10-Day Quick Ship Ordering Guide
Order Limit Per Fixture Selection: 25

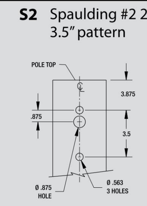
☐ - ☐ - ☐ - ☐ - ☐



CROSS SECTION
SSS-S-16-40-A
SSS-S-20-40-A
SSS-S-25-40-A
SSS-S-30-40-B

LUMINAIRE MOUNTING TYPE[1]
1 Single arm mount
2 Two fixtures at 180°
2L Two fixtures at 90°
3T Three fixtures at 90°
4 Four fixtures at 90°
TA Tenon (2 3/8" OD)
TB Tenon (2 7/8" OD)
TC Tenon (3.5" OD)
TR[1] Removable Tenon (2.375 x 4.25)
OT No drilling (includes pole cap)

DRILL PATTERN
S2 Spaulding #2 2 bolt 3.5" pattern



OPTIONS
GFI 20 Amp GFCI receptacle and cover
VM2 2nd mode vibration damper
LAB Less anchor bolts

FINISH
BL Black
DB Dark Bronze
GR Gray
PS Platinum Silver
WH White

1 DRILL PATTERNS: Compatible for Spaulding luminaires
2 Specify option location using logicfound in spec sheet; The location of all options must start a minimum of six inches above the hand hole and be located one foot apart from one another; Consult factory for any exceptions
3 Removable tenon used in conjunction with side arm mounting, specify desired arm configuration first followed by "TR" notation Example: SSS-S-25-40-A-1-S2-TR-DB

ORDERING INFORMATION

Catalog Number	Height		Nominal Shaft Dimensions	Wall Thickness	Bolt Circle (suggested)	Bolt Circle (range)	Bolt Square (range)	Base Plate Square	Anchor bolt size	Bolt Projection	Pole weight
	Feet	Meters									
SSS-S-16-40-A-XX-XX	16	4.9	4" square	0.125"	9"	8" - 10"	5.66" - 7.07"	9"	3/4" x 30" x 3"	3.5	116
SSS-S-20-40-A-XX-XX	20	6.1	4" square	0.125"	9"	8" - 10"	5.66" - 7.07"	9"	3/4" x 30" x 3"	3.5	142
SSS-S-25-40-A-XX-XX	25	7.6	4" square	0.125"	9"	8" - 10"	5.66" - 7.07"	9"	3/4" x 30" x 3"	3.5	175
SSS-S-30-40-B-XX-XX	30	9.1	4" square	.188"	11"	10" - 12"	7.07" - 8.48"	10.50"	3/4" x 30" x 3"	3.5	304

1 Allowable EPA with 1.3 gust factor. To determine max. pole loading weight, multiply allowable EPA by 30 lbs. Published allowable EPA values based upon calculations of Spaulding Lighting. Allowable EPA values for projects requiring AASHTO methodology are available upon request.
Note Factory supplied template must be used when setting anchor bolts. Hubbell Lighting will deny any claim for incorrect anchorage placement resulting from failure to use factory supplied template and anchor bolts.

4 LIGHT FIXTURE POLE

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LICENSE. No. 081589

LANGAN
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com
NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA
OHIO WASHINGTON, DC FLORIDA TEXAS CALIFORNIA
ABU DHABI ATHENS DOHA DUBAI ISTANBUL PANAMA LONDON
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan
NJ Certificate of Authorization No. 24GA27996400

Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
LIGHTING DETAILS

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
Drawn By LC
Checked By MH
Submission Date X

L-002.00

Sheet 01 of 01

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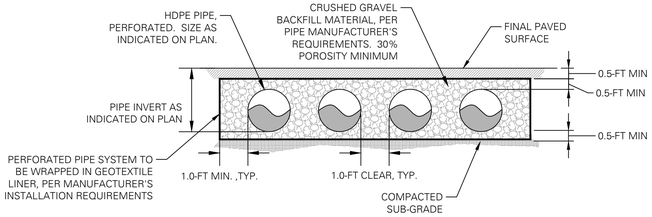
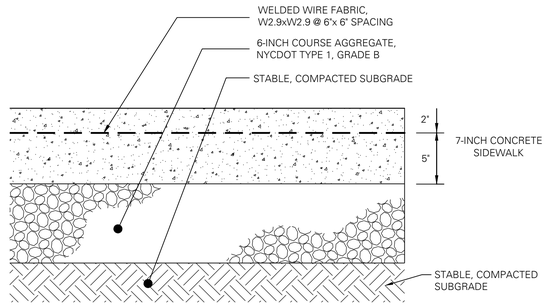
Filename: \\langan.com\data\NY\data0\170229001\Cadd Data - 170229001\SheetFiles\170229002-LL501-0101-Parking.dwg Date: 11/25/2015 Time: 13:32 User: wsparkman Style Table: Langan.stb Layout: G-002.00



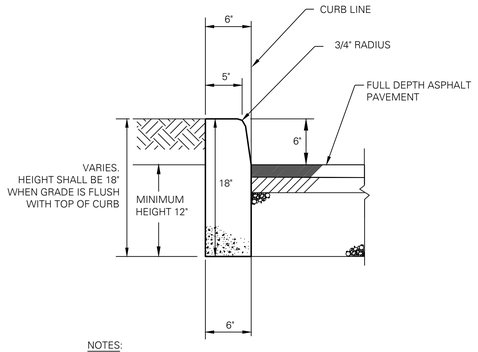
NOTES:
1. HDPE PIPE TO BE PERFORATED.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND SYSTEM LAYOUT DESIGN TO ENGINEER FOR APPROVAL.

1 PERFORATED PIPE INFILTRATION SYSTEM
SCALE: NTS



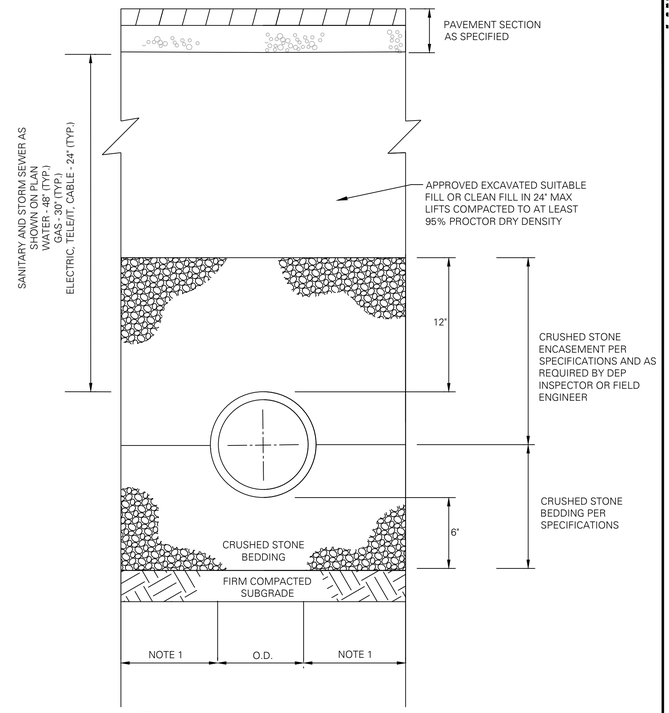
NOTES:
1. CONCRETE SHALL BE NYCDOT CLASS B-32, WITH A 28-DAY COMPRESSIVE STRENGTH OF 3,200 PSI (MIN.)

2 7-INCH CONCRETE SIDEWALK
SCALE: NTS



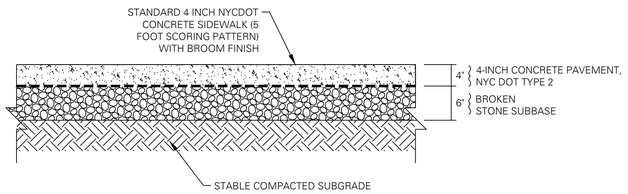
NOTES:
1. CONCRETE TO BE 4,000 P.S.I. MINIMUM AT 28 DAYS. AIR ENTRAINMENT 4% TO 7%, SLUMP TO BE 3" MAXIMUM.
2. TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE CURB 20'-0" APART AND SHALL BE FILLED WITH PREFORMED BITUMINOUS JOINT FILLER.
3. EXPOSED CONCRETE SURFACE IS TO BE RUBBED TO PROVIDE SMOOTH FINISHED SURFACE.

3 COCNRETE CURB
SCALE: NTS



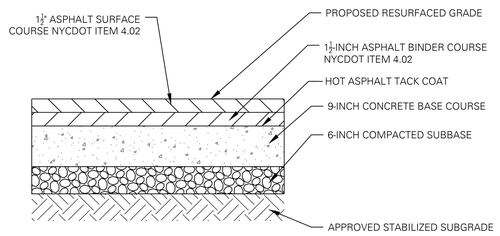
NOTES:
1. SEE STANDARD PIPE TRENCH WIDTH DETAIL.
2. REFER TO *NYCDEP STANDARD SEWER SPECIFICATIONS*, LATEST EDITION FOR DESCRIPTION OF MATERIAL CALL OUTS.

4 TYPICAL UTILITY TRENCHING
SCALE: NTS



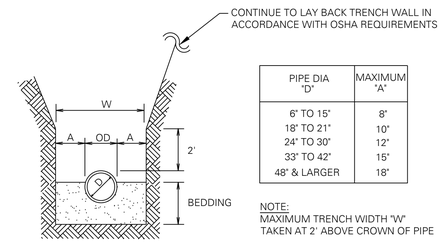
NOTE:
1. DETAIL SHOWN IS TYPICAL FOR ON-SITE SIDEWALKS.

5 4-INCH CONCRETE SIDEWALK
SCALE: NTS



NOTE:
1) ALL ASPHALT PAVEMENT CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH NYCDOT DIVISION IV SPECIFICATION SECTION 4.01 TO 4.20.

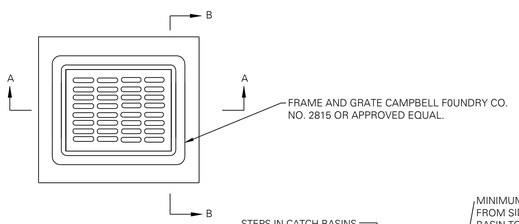
6 FULL-DEPTH ASPHALT PAVEMENT
SCALE: NTS

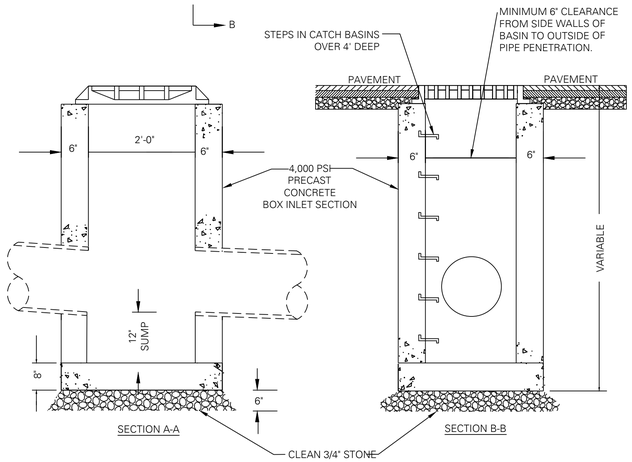


PIPE DIA "D"	MAXIMUM "A"
6" TO 15"	8"
18" TO 21"	10"
24" TO 30"	12"
33" TO 42"	15"
48" & LARGER	18"

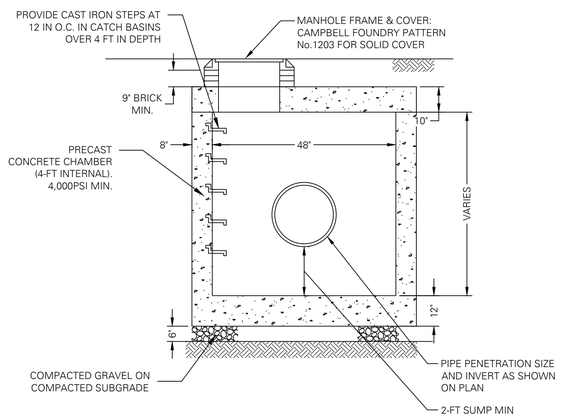
NOTE:
MAXIMUM TRENCH WIDTH "W" TAKEN AT 2' ABOVE CROWN OF PIPE

7 TYPICAL TRENCH WIDTHS
SCALE: NTS



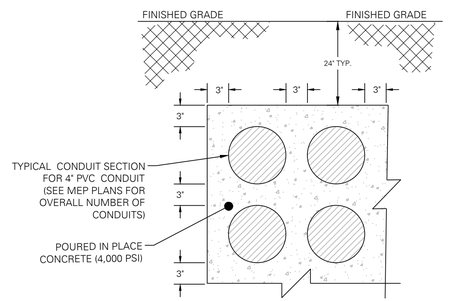


8 PRECAST CONCRETE CATCH BASIN
SCALE: NTS



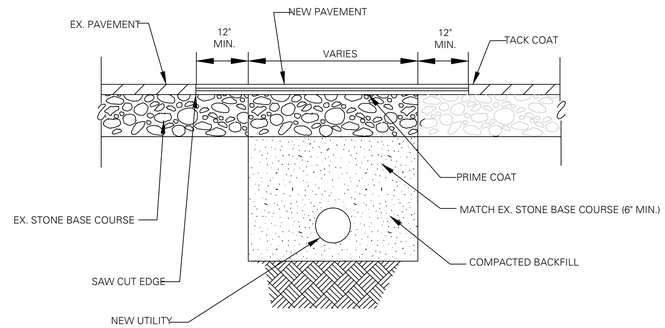
NOTE:
1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S APPROVAL.
2. CONCRETE SHALL BE 4,000 PSI. REINFORCED FOR H-20 LOADING.
3. ALL ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED.

9 PRECAST CONCRETE GRIT CHAMBER
SCALE: NTS



NOTE: PRECAST CONCRETE DUCT BANKS TO BE USED AS ALTERNATE

10 TYPICAL ELECTRIC DUCT BANK
SCALE: NTS



NOTE:
MATCH EXISTING PAVEMENT THICKENESS IN ACCORDANCE WITH NYCDOT STANDARDS. MINIMUM 1-1/2" WEARING COURSE.

11 PAVEMENT REPAIR FOR UTILITY TRENCHING
SCALE: NTS

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LIC. No. 081589

LANGAN
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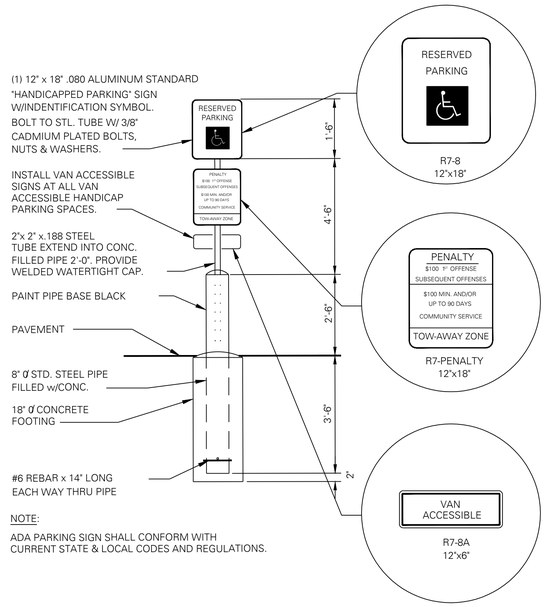
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CS, Inc.
Langan International LLC
Collectively known as Langan

Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
SITE DETAILS (SHEET 1 OF 2)

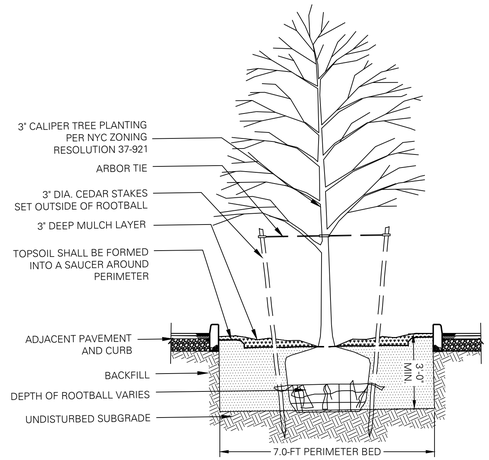
Project No.	170229002
Date	17 NOVEMBER 2015
Scale	AS SHOWN
Drawn By	WGS
Checked By	TJW
Submission Date	X
	C-102.00
	Sheet 01 of 01

Filename: \\langan.com\data\NY\data\170229001\Cadd Data - 170229001\SheetFiles\170229002-CS501-0101-Parking.dwg Date: 11/25/2015 Time: 12:42 User: wsparkman Style Table: Langan.stb Layout: C-102.00

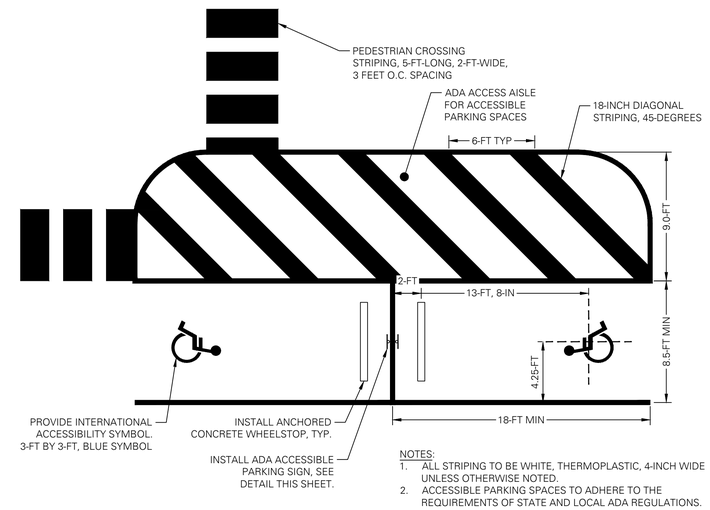


NOTE:
ADA PARKING SIGN SHALL CONFORM WITH CURRENT STATE & LOCAL CODES AND REGULATIONS.

1 ADA ACCESSIBLE PARKING SIGNAGE
SCALE: NTS

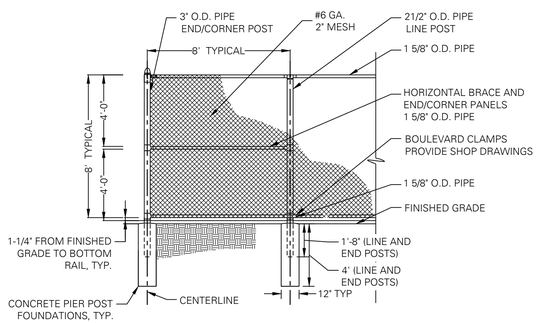


2 TREE PLANTING DETAIL
SCALE: NTS



NOTES:
1. ALL STRIPING TO BE WHITE, THERMOPLASTIC, 4-INCH WIDE UNLESS OTHERWISE NOTED.
2. ACCESSIBLE PARKING SPACES TO ADHERE TO THE REQUIREMENTS OF STATE AND LOCAL ADA REGULATIONS.

3 TYPICAL PAVEMENT STRIPING DETAIL
SCALE: NTS



SCHEDULE OF MEMBER SIZES

HEIGHT OF FENCE	DIAM. OF HIGH POST	POST SPACE MAX	GATE POST	HORIZ BRACE AT GATE POST	SIZE OF GATE MEMBERS	HORIZONTAL BRACE ON GATE	PORTAL	HEAD RAIL	DEPTH OF POST INTO CURB & FOOTING	
									LINE POST (A)	END/CORNER/ GATE POST (B)
8'-0"	2"	8'-0"	3"	1 AT 1 5/8"	2"	1 AT 1 5/8"	NO	0	1'-8"	1'-8"

NOTES:
1. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND DETAILS AS WELL AS SIGNED AND SEALED DESIGN FROM LICENSED ENGINEER.

4 TYPICAL CHAIN-LINK FENCE DETAIL
SCALE: NTS

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS ITEM IN ANY WAY.

Date	Description	No.
11/25/15	DOB FILING	0

REVISIONS

SIGNATURE DATE SIGNED
CHRISTOPHER VITOLANO, PE
STATE LIC. No. 081589

LANGAN
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com
NEW JERSEY NEW YORK CONNECTICUT PENNSYLVANIA
OHIO WASHINGTON, DC FLORIDA TEXAS CALIFORNIA
ABU DHABI ATHENS DOHA DUBAI ISTANBUL PANAMA LONDON
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan Engineering and Environmental Services, Inc.
Langan CT, Inc.
Langan International LLC
Collectively known as Langan

Project
GREENPOINT LANDING: OFFSITE PARKING
BLOCK No. 2510, LOT No. 1
BROOKLYN
KINGS NY

Drawing Title
SITE DETAILS (SHEET 2 OF 2)

Project No. 170229002
Date 17 NOVEMBER 2015
Scale AS SHOWN
Drawn By WGS
Checked By TJW
Submission Date X

C-103.00

Sheet 01 of 01

APPENDIX B

SOIL BORING LOGS

LANGAN

Log of Boring **SB-1** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/8/16 — Date Finished: 1/8/16
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 4 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Mike Rose
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Brown to black, fine SAND, some silt and black coal ash, trace clay, coal flecks, brick and concrete, (moist), [FILL]	1					0.0	8:00 - Collect SB1_0-2
			2	R1	MACROCORE	36/48	N/A	0.0	
			3					0.0	8:05 - Collect SB1_2-4
								0.0	
		EOB @ 4'	4						EOB @ 4'
			5						
			6						
			7						
			8						
			9						
			10						
			11						
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			20						

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LANGAN

Log of Boring **SB-2** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/8/16 — Date Finished: 1/8/16
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 4 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Mike Rose
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Red pulverized to solid BRICK pieces, trace brown to black fine sand and concrete, (dry), [FILL]	1	R1	MACROCORE	38/48	N/A	0.0	10:15 - Collect SB2_0-2
			2					0.0	
			3					0.0	10:20 - Collect SB2_2-4
								0.0	
		EOB @ 4'	4						EOB @ 4'
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
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Log of Boring **SB-3** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/8/16 — Date Finished: 1/8/16
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 6 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Mike Rose
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Brown to black, fine SAND, some silt and brick, trace to some black coal ash, clay, and concrete, (dry), [FILL]	1	R1	MACROCORE	22/48	N/A	0.0 0.1	8:45 - Collect SB3_0-2
			2						
			3						
			4						
		Brown to black, fine SAND, some silt, brick, and black coal ash, trace clay and concrete, (dry), [FILL]	5	R2	MACROCORE	20/24	N/A	0.0 0.0	8:50 - Collect SB3_4-6
		EOB @ 6'	6						EOB @ 6'
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-4** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/5/16 — Date Finished: 1/5/16
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 6 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Eddie Gallo
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Red pulverized to solid BRICK pieces, trace concrete, (dry), [FILL]	1	R1	MACROCORE	32/48	N/A	0.0	10:35 - Collect SB4_0-2
			2					0.0	
			3					0.0	
			4					0.0	
		Red pulverized to solid BRICK pieces, trace concrete, (dry), [FILL]	5	R2	MACROCORE	24/24	N/A	0.0	10:40 - Collect SB4_4-6
		EOB @ 6'	6					0.0	EOB @ 6'
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
			19						
			20						

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Log of Boring **SB-5** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/8/16 — Date Finished: 1/8/16
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 4 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Mike Rose
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Red pulverized to solid BRICK pieces, trace brown to black fine sand and concrete, (dry), [FILL]	1	R1	MACROCORE	30/48	N/A	0.0	9:55 - Collect SB5_0-2
			2					0.0	
			3					0.0	10:00 - Collect SB5_2-4
		EOB @ 4'	4						EOB @ 4'
			5						
			6						
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
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			19						
			20						

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Log of Boring **SB-6** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/5/16 — Date Finished: 1/5/16
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 6 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 3, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Eddie Gallo
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Light brown to gray, fine to medium SAND, trace brick and concrete, (dry), [FILL]	1	R1	MACROCORE	24/48	N/A	0.0	9:05 - Collect SB6_0-2 and SODUP01_010516
			2					0.0	
			3						
			4						
		Red pulverized and solid BRICK pieces, trace concrete, (dry), [FILL]	5	R2	MACROCORE	24/24	N/A	0.0	9:10 - Collect SB6_4-6
								0.0	
		EOB at 6'	6						EOB @ 6'
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
			16						
			17						
			18						
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			20						

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Log of Boring **SB-7** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/5/16 — Date Finished: 1/5/16
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 6 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Eddie Gallo
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Black, fine SAND, some black coal ash, trace coal, red brick fragments, and concrete, (dry), [FILL]	1	R1	MACROCORE	29/48	N/A	0.0	10:20 - Collect SB7_0-2
			2					0.0	
			3					0.0	
			4						
		Red pulverized and solid BRICK pieces, (dry), [FILL]	5	R2	MACROCORE	24/24	N/A	0.0	10:25 - Collect SB7_4-6
								0.0	
		EOB at 6'	6						EOB @ 6'
			7						
			8						
			9						
			10						
			11						
			12						
			13						
			14						
			15						
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Log of Boring **SB-8** Sheet 1 of 1

Project: Greenpoint Landing - Temporary Accessory Parking Facility (p/o Lot 1 Block 2510)	Project No.: 170229002
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Eastern Environmental Solutions	Date Started: 1/5/16 — Date Finished: 1/5/16
Drilling Equipment: Geoprobe 6610 DT	Completion Depth: 6 ft — Rock Depth: N/A
Size and Type of Bit: 2-inch Steel Macro-Core Bit	Number of Samples: Disturbed 2, Undisturbed N/A, Core N/A
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First N/A, Completion N/A, 24 HR. N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Eddie Gallo
Sampler: 2-inch Diam, 4-foot Long Steel Macro-Core	Inspecting Engineer: Luke McCartney
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		ASPHALT	0						
		Black, fine SAND, trace black coal ash, coal, red pulverized brick, and concrete, (dry), [FILL]	1	R1	MACROCORE	33/48	N/A	0.0	11:20 - Collect SB8_0-2
			2					0.0	
			3					0.0	
			4						
		Red pulverized and solid BRICK pieces, (dry), [FILL]	5	R2	MACROCORE	24/24	N/A	0.0	11:25 - Collect SB8_4-6
								0.0	
		EOB @ 6'	6						EOB @ 6'
			7						
			8						
			9						
			10						
			11						
			12						
			13						
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APPENDIX C

NOVA GEOPHYSICAL ENGINEERING SURVEY REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial Property

West Street and Freeman Street
Brooklyn, New York 11222

NOVA PROJECT NUMBER
15-0102

DATED
January 6, 2016

PREPARED FOR:

LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions

56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.nova-gsi.com

January 6, 2016

Gregory C. Wyka, LEED AP ND
Project Geologist
LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001
Direct: 212.497.5476

Re: Geophysical Engineering Survey (GES) Report
Commercial Property
West Street and Freeman Street
Brooklyn, New York 11222

Dear Mr. Wyka:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: Commercial Property, West Street and Freeman Street, Brooklyn, New York (the "Site"). Please see attached Site Location and Geophysical Survey maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and identify USTs, anomalies, utilities and other substructures and to clear and mark proposed environmental boring areas on January 6, 2016.

The equipment selected for this investigation was a Noggin 250 MHz ground penetrating radar (GPR) shielded antenna and 3M DYNATL.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

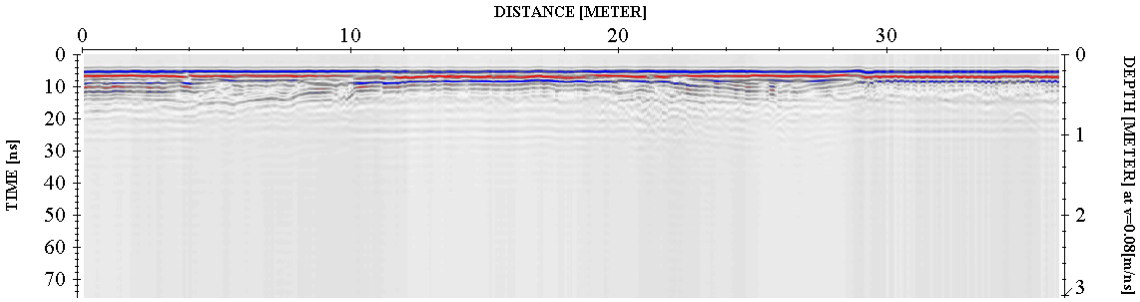
The project site was screened using the GPR to search the entire area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of asphalt surfaces.

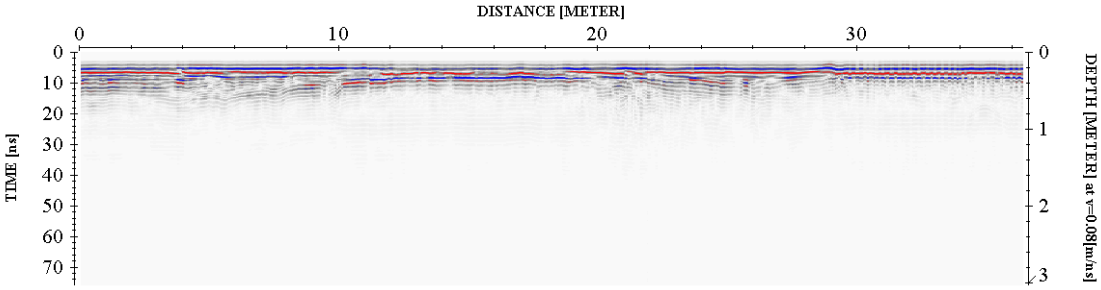
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described at this section.

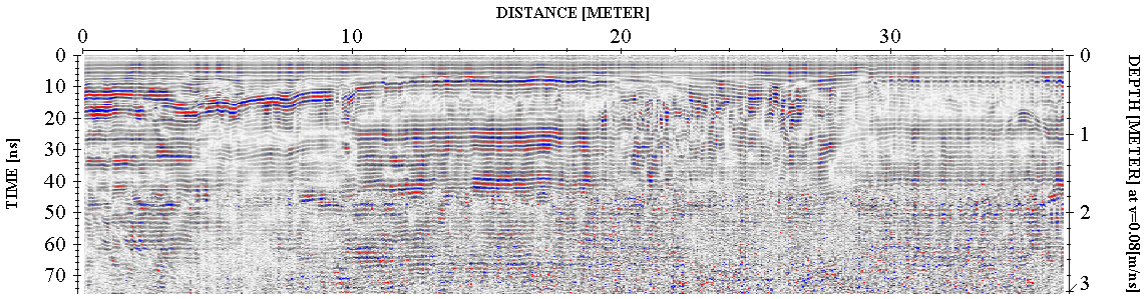
Step 1. Import raw RAMAC data to standard processing format



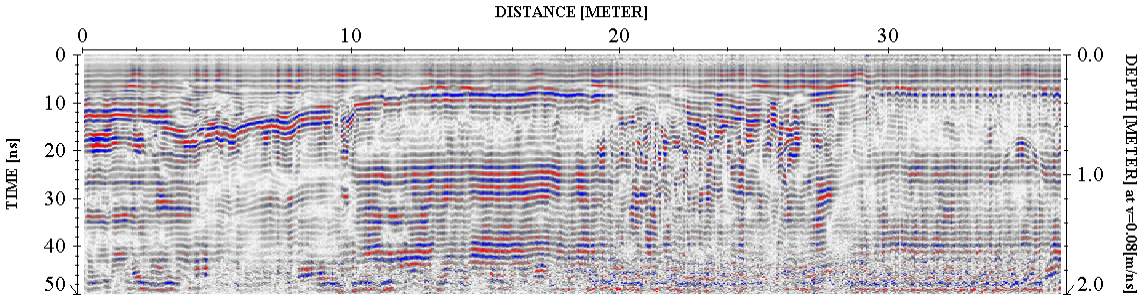
Step 2. Remove instrument noise *(dewow)*



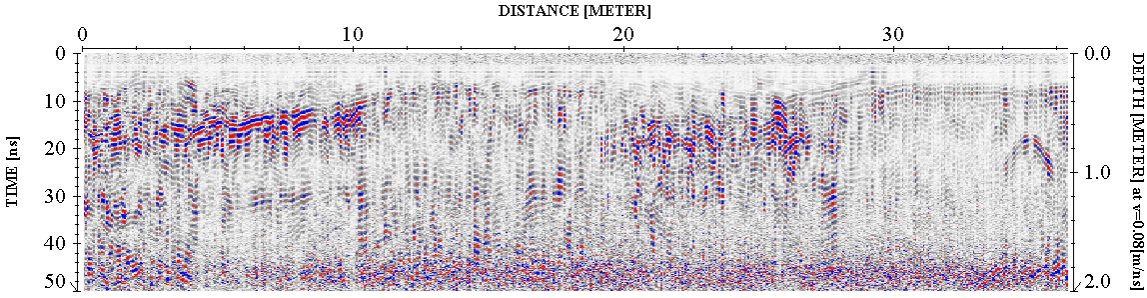
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

Nova observed following physical conditions at the time of the survey:

The weather: Sunny

Temp: 20 Degrees (F).

Surface: Asphalt surfaces

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was medium to high at the site. The noise was a result of apparent graded fill material below the surface.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

- GES survey identified scattered anomalies located throughout the project site. Based on their rates and proximity, these anomalies were inconsistent with any USTs. Due to freezing conditions on-site, marking anomalies was difficult. Interpretation at the time of the survey indicated that these anomalies were the result of the fill material in the subsurface and not substructures/utilities. These anomalies were marked in the immediate vicinity of the borehole locations to prevent drilling refusal.

- Geophysical Survey Plan portrays the areas investigated during the geophysical survey.

If you have any questions please do not hesitate to contact the undersigned.
Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Figure 1 Site Location Map
Geophysical Survey Plan
Geophysical Images

N

200 ft.

FIGURE 1
SITE LOCATION MAP

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Pkwy, # 765, Douglaston, NY11362
(347) 556-7787 Fax (718) 261-1528
www.nova-gsi.com

SITE: **Commercial Property**
West Street and Freeman Street
Brooklyn, New York 11222

SCALE: See Map

1- All anomalies were marked in the field.

NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.nova-gsi.com

GEOPHYSICAL SURVEY PLAN

SITE : **Commercial Property**
West Street and Freeman Street
Brooklyn, New York 11222

CLIENT: **LANGAN**
DATE: January 6, 2016
Scale: See Map

INFORMATION

Survey Area

50 Ft.

GEOPHYSICAL IMAGES

Commercial Property

West Street and Freeman Street

Brooklyn, New York 11222

January 6th, 2016

GEOPHYSICAL IMAGES

Commercial Property

West Street and Freeman Street

Brooklyn, New York 11222

January 6th, 2016

APPENDIX D

LABORATORY ANALYTICAL DATA REPORTS - SOIL

ANALYTICAL REPORT

Lab Number:	L1600226
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Greg Wyka
Phone:	(212) 479-5476
Project Name:	GREENPOINT LANDING-TEMP.ACCESS
Project Number:	170229002
Report Date:	01/14/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1600226-01	HOLD_1S	SOIL	BROOKLYN, NY	01/05/16 08:35	01/05/16
L1600226-02	HOLD_1D	SOIL	BROOKLYN, NY	01/05/16 08:40	01/05/16
L1600226-03	HOLD_2S	SOIL	BROOKLYN, NY	01/05/16 13:30	01/05/16
L1600226-04	HOLD_2D	SOIL	BROOKLYN, NY	01/05/16 13:35	01/05/16
L1600226-05	HOLD_3S	SOIL	BROOKLYN, NY	01/05/16 08:50	01/05/16
L1600226-06	HOLD_3D	SOIL	BROOKLYN, NY	01/05/16 08:55	01/05/16
L1600226-07	SB4_0-2	SOIL	BROOKLYN, NY	01/05/16 10:35	01/05/16
L1600226-08	SB4_4-6	SOIL	BROOKLYN, NY	01/05/16 10:40	01/05/16
L1600226-09	HOLD_5S	SOIL	BROOKLYN, NY	01/05/16 12:50	01/05/16
L1600226-10	HOLD_5D	SOIL	BROOKLYN, NY	01/05/16 12:55	01/05/16
L1600226-11	SB6_0-2	SOIL	BROOKLYN, NY	01/05/16 09:05	01/05/16
L1600226-12	SB6_4-6	SOIL	BROOKLYN, NY	01/05/16 09:10	01/05/16
L1600226-13	SB7_0-2	SOIL	BROOKLYN, NY	01/05/16 10:20	01/05/16
L1600226-14	SB7_4-6	SOIL	BROOKLYN, NY	01/05/16 10:25	01/05/16
L1600226-15	SB8_0-2	SOIL	BROOKLYN, NY	01/05/16 11:20	01/05/16
L1600226-16	SB8_4-6	SOIL	BROOKLYN, NY	01/05/16 11:25	01/05/16
L1600226-17	SODUP01_010516	SOIL	BROOKLYN, NY	01/05/16 00:00	01/05/16
L1600226-18	SOFB01_010516	WATER	BROOKLYN, NY	01/05/16 15:00	01/05/16
L1600226-19	SOTB01_010516	WATER	BROOKLYN, NY	01/05/16 00:00	01/05/16

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226
Project Number: 170229002 **Report Date:** 01/14/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600226
Project Number:	170229002	**Report Date:**	01/14/16

Case Narrative (continued)

Report Submission

This report replaces the report issued January 12, 2016. The Client IDs were changed on L1600226-01 through -06, -09 and -10.

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

Volatile Organics

L1600226-08: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (28%) and the surrogate recovery for 4-bromofluorobenzene (164%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (28%) and 4-bromofluorobenzene (153%). The results of both analyses are reported.

L1600226-11: The internal standard (IS) responses for chlorobenzene-d5 (43%), and 1,4-dichlorobenzene-d4 (19%) and the surrogate recovery for toluene-d8 (135%) and 4-bromofluorobenzene (165%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (39%), and 1,4-dichlorobenzene-d4 (18%) and toluene-d8 (136%) and 4-bromofluorobenzene (160%). The results of both analyses are reported.

L1600226-13: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (28%) and the surrogate recovery for 4-bromofluorobenzene (167%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (30%) and 4-bromofluorobenzene (157%). The results of both analyses are reported.

L1600226-14: The internal standard (IS) responses for chlorobenzene-d5 (34%), and 1,4-dichlorobenzene-d4 (11%) and the surrogate recovery for toluene-d8 (145%) and 4-bromofluorobenzene (193%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (21%) and 4-bromofluorobenzene (158%). The results of both analyses are reported.

L1600226-15: The internal standard (IS) responses for chlorobenzene-d5 (33%), and 1,4-dichlorobenzene-d4 (14%) and the surrogate recovery for toluene-d8 (142%) and 4-bromofluorobenzene (165%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (38%), and 1,4-

Case Narrative (continued)

dichlorobenzene-d4 (17%) and toluene-d8 (135%) and 4-bromofluorobenzene (160%). The results of both analyses are reported.
L1600226-16: The internal standard (IS) responses for chlorobenzene-d5 (27%), and 1,4-dichlorobenzene-d4 (9%) and the surrogate recovery for toluene-d8 (157%) and 4-bromofluorobenzene (186%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (38%), and 1,4-dichlorobenzene-d4 (16%) and toluene-d8 (139%) and 4-bromofluorobenzene (175%). The results of both analyses are reported.
L1600226-17: The internal standard (IS) responses for chlorobenzene-d5 (45%), and 1,4-dichlorobenzene-d4 (26%) and the surrogate recovery for 4-bromofluorobenzene (145%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (46%), and 1,4-dichlorobenzene-d4 (27%) and 4-bromofluorobenzene (144%). The results of both analyses are reported.

Semivolatile Organics
L1600226-07, -13, and -15 have elevated detection limits due to the dilutions required by the sample matrix.
The WG855257-2/-3 LCS/LCSD recoveries, associated with L1600226-18, are below the acceptance criteria for benzidine (5%/9%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Metals
L1600226-07, -08, -11 through -17: The sample has elevated detection limit for all elements, with the exception of mercury, due to the dilution required by the high concentrations of elements.
The WG855041-4 MS recoveries, performed on L1600226-01, are outside the acceptance criteria for mercury (128%). A post digestion spike was performed and yielded unacceptable recoveries for mercury (129%). This has been attributed to sample matrix.
The WG855041-3 Laboratory Duplicate RPD, performed on L1600226-01, is outside the acceptance criteria for mercury (26%). The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600226
Project Number:	170229002	**Report Date:**	01/14/16

Case Narrative (continued)

Cyanide, Total

L1600226-07, -11, -13 through -16: The sample has an elevated detection limit due to the dilution required by the sample matrix.

The WG855961-4 MS recovery (70%), performed on L1600226-18, is outside the acceptance criteria; however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

The WG855961-4/-5 MS/MSD RPD (40%), performed on L1600226-18, is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative

Date: 01/14/16

ORGANICS

VOLATILES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-07	Date Collected:	01/05/16 10:35
Client ID:	SB4_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 20:33		
Analyst:	BS		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	600	66.	1
1,1-Dichloroethane	ND		ug/kg	90	5.2	1
Chloroform	ND		ug/kg	90	22.	1
Carbon tetrachloride	ND		ug/kg	60	13.	1
1,2-Dichloropropane	ND		ug/kg	210	14.	1
Dibromochloromethane	ND		ug/kg	60	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	90	18.	1
Tetrachloroethene	27	J	ug/kg	60	8.4	1
Chlorobenzene	ND		ug/kg	60	21.	1
Trichlorofluoromethane	ND		ug/kg	300	23.	1
1,2-Dichloroethane	ND		ug/kg	60	6.8	1
1,1,1-Trichloroethane	ND		ug/kg	60	6.7	1
Bromodichloromethane	ND		ug/kg	60	10.	1
trans-1,3-Dichloropropene	ND		ug/kg	60	7.3	1
cis-1,3-Dichloropropene	ND		ug/kg	60	7.1	1
1,1-Dichloropropene	ND		ug/kg	300	8.5	1
Bromoform	ND		ug/kg	240	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	60	6.1	1
Benzene	ND		ug/kg	60	7.1	1
Toluene	ND		ug/kg	90	12.	1
Ethylbenzene	240		ug/kg	60	7.7	1
Chloromethane	ND		ug/kg	300	18.	1
Bromomethane	ND		ug/kg	120	20.	1
Vinyl chloride	ND		ug/kg	120	7.1	1
Chloroethane	ND		ug/kg	120	19.	1
1,1-Dichloroethene	ND		ug/kg	60	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	90	13.	1
Trichloroethene	ND		ug/kg	60	7.5	1
1,2-Dichlorobenzene	ND		ug/kg	300	9.2	1
1,3-Dichlorobenzene	ND		ug/kg	300	8.1	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07 Date Collected: 01/05/16 10:35

Client ID: SB4_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	300	8.3	1
Methyl tert butyl ether	ND		ug/kg	120	5.1	1
p/m-Xylene	1200		ug/kg	120	12.	1
o-Xylene	460		ug/kg	120	10.	1
cis-1,2-Dichloroethene	ND		ug/kg	60	8.6	1
Dibromomethane	ND		ug/kg	600	9.9	1
Styrene	ND		ug/kg	120	24.	1
Dichlorodifluoromethane	ND		ug/kg	600	12.	1
Acetone	290	J	ug/kg	600	62.	1
Carbon disulfide	ND		ug/kg	600	66.	1
2-Butanone	200	J	ug/kg	600	16.	1
Vinyl acetate	ND		ug/kg	600	8.0	1
4-Methyl-2-pentanone	ND		ug/kg	600	15.	1
1,2,3-Trichloropropane	ND		ug/kg	600	9.8	1
2-Hexanone	ND		ug/kg	600	40.	1
Bromochloromethane	ND		ug/kg	300	17.	1
2,2-Dichloropropane	ND		ug/kg	300	14.	1
1,2-Dibromoethane	ND		ug/kg	240	10.	1
1,3-Dichloropropane	ND		ug/kg	300	8.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	60	19.	1
Bromobenzene	ND		ug/kg	300	12.	1
n-Butylbenzene	ND		ug/kg	60	6.9	1
sec-Butylbenzene	ND		ug/kg	60	7.4	1
tert-Butylbenzene	ND		ug/kg	300	8.2	1
o-Chlorotoluene	ND		ug/kg	300	9.6	1
p-Chlorotoluene	ND		ug/kg	300	8.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	300	24.	1
Hexachlorobutadiene	ND		ug/kg	300	14.	1
Isopropylbenzene	ND		ug/kg	60	6.2	1
p-Isopropyltoluene	ND		ug/kg	60	7.5	1
Naphthalene	22	J	ug/kg	300	8.3	1
Acrylonitrile	ND		ug/kg	600	31.	1
Tert-Butyl Alcohol	ND		ug/kg	3600	180	1
n-Propylbenzene	ND		ug/kg	60	6.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	300	8.9	1
1,2,4-Trichlorobenzene	ND		ug/kg	300	11.	1
1,3,5-Trimethylbenzene	ND		ug/kg	300	8.6	1
1,2,4-Trimethylbenzene	22	J	ug/kg	300	8.5	1
Methyl Acetate	ND		ug/kg	1200	16.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07 Date Collected: 01/05/16 10:35

Client ID: SB4_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	1500	490	1
Cyclohexane	ND		ug/kg	1200	8.8	1
1,4-Dioxane	ND		ug/kg	6000	870	1
Freon-113	ND		ug/kg	1200	16.	1
p-Diethylbenzene	ND		ug/kg	240	9.6	1
p-Ethyltoluene	20	J	ug/kg	240	7.5	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	240	7.8	1
Ethyl ether	ND		ug/kg	300	16.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	300	24.	1
Methyl cyclohexane	21	J	ug/kg	240	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	87		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 13:28		
Analyst:	BS		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.12	1
Chloroform	ND		ug/kg	2.2	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.2	0.56	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.20	1
Bromoform	ND		ug/kg	5.8	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.17	1
Toluene	ND		ug/kg	2.2	0.28	1
Ethylbenzene	2.5		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.2	0.42	1
Bromomethane	ND		ug/kg	2.9	0.49	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.19	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.2	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.12	1
p/m-Xylene	10		ug/kg	2.9	0.28	1
o-Xylene	3.6		ug/kg	2.9	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.24	1
Styrene	ND		ug/kg	2.9	0.58	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	8.6	J	ug/kg	14	1.5	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.39	1
Vinyl acetate	ND		ug/kg	14	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.23	1
2-Hexanone	ND		ug/kg	14	0.96	1
Bromochloromethane	ND		ug/kg	7.2	0.40	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.8	0.25	1
1,3-Dichloropropane	ND		ug/kg	7.2	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.46	1
Bromobenzene	ND		ug/kg	7.2	0.30	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.18	1
tert-Butylbenzene	ND		ug/kg	7.2	0.19	1
o-Chlorotoluene	ND		ug/kg	7.2	0.23	1
p-Chlorotoluene	ND		ug/kg	7.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.33	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	0.31	J	ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	1
Tert-Butyl Alcohol	ND		ug/kg	86	4.2	1
n-Propylbenzene	ND		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.2	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.2	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.20	1
Methyl Acetate	ND		ug/kg	29	0.39	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	36	12.	1
Cyclohexane	ND		ug/kg	29	0.21	1
1,4-Dioxane	ND		ug/kg	140	21.	1
Freon-113	ND		ug/kg	29	0.39	1
p-Diethylbenzene	ND		ug/kg	5.8	0.23	1
p-Ethyltoluene	ND		ug/kg	5.8	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.8	0.19	1
Ethyl ether	ND		ug/kg	7.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	0.56	1
Methyl cyclohexane	ND		ug/kg	5.8	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	**164**	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	R	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 16:00			
Analyst:	BS			
Percent Solids:	87%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.13	1
Chloroform	ND		ug/kg	2.2	0.55	1
Carbon tetrachloride	ND		ug/kg	1.5	0.31	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.45	1
Tetrachloroethene	0.68	J	ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.51	1
Trichlorofluoromethane	ND		ug/kg	7.4	0.57	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.16	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.17	1
1,1-Dichloropropene	ND		ug/kg	7.4	0.21	1
Bromoform	ND		ug/kg	5.9	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	ND		ug/kg	1.5	0.17	1
Toluene	ND		ug/kg	2.2	0.29	1
Ethylbenzene	1.6		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.4	0.43	1
Bromomethane	ND		ug/kg	3.0	0.50	1
Vinyl chloride	ND		ug/kg	3.0	0.17	1
Chloroethane	ND		ug/kg	3.0	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.31	1
Trichloroethene	ND		ug/kg	1.5	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.4	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	7.4	0.20	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 R Date Collected: 01/05/16 10:40
Client ID: SB4_4-6 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.12	1
p/m-Xylene	6.8		ug/kg	3.0	0.29	1
o-Xylene	2.4	J	ug/kg	3.0	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	15	0.24	1
Styrene	ND		ug/kg	3.0	0.59	1
Dichlorodifluoromethane	ND		ug/kg	15	0.28	1
Acetone	11	J	ug/kg	15	1.5	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	ND		ug/kg	15	0.40	1
Vinyl acetate	ND		ug/kg	15	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.36	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.24	1
2-Hexanone	ND		ug/kg	15	0.98	1
Bromochloromethane	ND		ug/kg	7.4	0.41	1
2,2-Dichloropropane	ND		ug/kg	7.4	0.33	1
1,2-Dibromoethane	ND		ug/kg	5.9	0.26	1
1,3-Dichloropropane	ND		ug/kg	7.4	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.47	1
Bromobenzene	ND		ug/kg	7.4	0.31	1
n-Butylbenzene	ND		ug/kg	1.5	0.17	1
sec-Butylbenzene	ND		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.4	0.20	1
o-Chlorotoluene	ND		ug/kg	7.4	0.24	1
p-Chlorotoluene	ND		ug/kg	7.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	0.58	1
Hexachlorobutadiene	ND		ug/kg	7.4	0.34	1
Isopropylbenzene	ND		ug/kg	1.5	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.18	1
Naphthalene	ND		ug/kg	7.4	0.20	1
Acrylonitrile	ND		ug/kg	15	0.76	1
Tert-Butyl Alcohol	ND		ug/kg	89	4.3	1
n-Propylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.4	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.4	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.4	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.4	0.21	1
Methyl Acetate	ND		ug/kg	30	0.40	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 R Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	37	12.	1
Cyclohexane	ND		ug/kg	30	0.22	1
1,4-Dioxane	ND		ug/kg	150	21.	1
Freon-113	ND		ug/kg	30	0.40	1
p-Diethylbenzene	ND		ug/kg	5.9	0.24	1
p-Ethyltoluene	ND		ug/kg	5.9	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.9	0.19	1
Ethyl ether	ND		ug/kg	7.4	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.4	0.58	1
Methyl cyclohexane	0.47	J	ug/kg	5.9	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	120		70-130
4-Bromofluorobenzene	**153**	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 13:54		
Analyst:	BS		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	1.7		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.6	0.19	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.43	J	ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.6	0.45	1
Vinyl chloride	ND		ug/kg	2.6	0.16	1
Chloroethane	ND		ug/kg	2.6	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	0.58	J	ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Dibromomethane	ND		ug/kg	13	0.22	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	8.7	J	ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.36	1
Vinyl acetate	ND		ug/kg	13	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.22	1
2-Hexanone	ND		ug/kg	13	0.88	1
Bromochloromethane	ND		ug/kg	6.6	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.6	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.6	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.6	0.18	1
o-Chlorotoluene	ND		ug/kg	6.6	0.21	1
p-Chlorotoluene	ND		ug/kg	6.6	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.52	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	1.9	J	ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
Tert-Butyl Alcohol	ND		ug/kg	79	3.9	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
Methyl Acetate	ND		ug/kg	26	0.36	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	33	11.	1
Cyclohexane	0.37	J	ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1
p-Diethylbenzene	ND		ug/kg	5.3	0.21	1
p-Ethyltoluene	ND		ug/kg	5.3	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.3	0.17	1
Ethyl ether	ND		ug/kg	6.6	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1
Methyl cyclohexane	0.43	J	ug/kg	5.3	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	**135**	Q	70-130
4-Bromofluorobenzene	**165**	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	R	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 16:26			
Analyst:	BS			
Percent Solids:	86%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	1.8		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.18	1
Bromoform	ND		ug/kg	5.2	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.32	J	ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.5	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.17	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 R Date Collected: 01/05/16 09:05
Client ID: SB6_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	0.35	J	ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	9.8	J	ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.86	1
Bromochloromethane	ND		ug/kg	6.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.5	0.18	1
o-Chlorotoluene	ND		ug/kg	6.5	0.21	1
p-Chlorotoluene	ND		ug/kg	6.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	1.5	J	ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	1
Tert-Butyl Alcohol	ND		ug/kg	78	3.8	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	0.18	1
Methyl Acetate	ND		ug/kg	26	0.35	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 R Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	32	10.	1
Cyclohexane	0.61	J	ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.35	1
p-Diethylbenzene	ND		ug/kg	5.2	0.21	1
p-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	ND		ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1
Methyl cyclohexane	0.68	J	ug/kg	5.2	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	**136**	Q	70-130
4-Bromofluorobenzene	**160**	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-12	Date Collected:	01/05/16 09:10
Client ID:	SB6_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 14:21		
Analyst:	BS		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.12	1
Chloroform	ND		ug/kg	2.2	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.33	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.44	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.2	0.56	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.20	1
Bromoform	ND		ug/kg	5.8	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.17	1
Toluene	ND		ug/kg	2.2	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.2	0.42	1
Bromomethane	ND		ug/kg	2.9	0.49	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.31	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.20	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12 Date Collected: 01/05/16 09:10

Client ID: SB6_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.2	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.12	1
p/m-Xylene	ND		ug/kg	2.9	0.28	1
o-Xylene	ND		ug/kg	2.9	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.21	1
Dibromomethane	ND		ug/kg	14	0.24	1
Styrene	ND		ug/kg	2.9	0.58	1
Dichlorodifluoromethane	ND		ug/kg	14	0.28	1
Acetone	15		ug/kg	14	1.5	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.39	1
Vinyl acetate	ND		ug/kg	14	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.23	1
2-Hexanone	ND		ug/kg	14	0.96	1
Bromochloromethane	ND		ug/kg	7.2	0.40	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	5.8	0.25	1
1,3-Dichloropropane	ND		ug/kg	7.2	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.46	1
Bromobenzene	ND		ug/kg	7.2	0.30	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.18	1
tert-Butylbenzene	ND		ug/kg	7.2	0.20	1
o-Chlorotoluene	ND		ug/kg	7.2	0.23	1
p-Chlorotoluene	ND		ug/kg	7.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	7.2	0.33	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	0.53	J	ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	1
Tert-Butyl Alcohol	ND		ug/kg	87	4.2	1
n-Propylbenzene	ND		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.2	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.2	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.20	1
Methyl Acetate	ND		ug/kg	29	0.39	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12 Date Collected: 01/05/16 09:10

Client ID: SB6_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	36	12.	1
Cyclohexane	ND		ug/kg	29	0.21	1
1,4-Dioxane	ND		ug/kg	140	21.	1
Freon-113	ND		ug/kg	29	0.40	1
p-Diethylbenzene	ND		ug/kg	5.8	0.23	1
p-Ethyltoluene	ND		ug/kg	5.8	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.8	0.19	1
Ethyl ether	ND		ug/kg	7.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.2	0.57	1
Methyl cyclohexane	ND		ug/kg	5.8	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	97		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 14:48		
Analyst:	BS		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.24	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	0.77	J	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.15	1
Bromoform	ND		ug/kg	4.3	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	36		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.13	1
Chloroethane	ND		ug/kg	2.1	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.14	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 Date Collected: 01/05/16 10:20

Client ID: SB7_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	160		ug/kg	2.1	0.21	1
o-Xylene	66		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.1	0.43	1
Dichlorodifluoromethane	ND		ug/kg	11	0.20	1
Acetone	13		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.29	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.17	1
2-Hexanone	ND		ug/kg	11	0.72	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.22	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.14	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.42	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.24	1
Isopropylbenzene	0.98	J	ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.13	1
Naphthalene	2.3	J	ug/kg	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.55	1
Tert-Butyl Alcohol	ND		ug/kg	64	3.1	1
n-Propylbenzene	0.48	J	ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	1.4	J	ug/kg	5.4	0.15	1
1,2,4-Trimethylbenzene	3.3	J	ug/kg	5.4	0.15	1
Methyl Acetate	ND		ug/kg	21	0.29	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 Date Collected: 01/05/16 10:20

Client ID: SB7_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	27	8.7	1
Cyclohexane	ND		ug/kg	21	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	21	0.29	1
p-Diethylbenzene	1.8	J	ug/kg	4.3	0.17	1
p-Ethyltoluene	2.6	J	ug/kg	4.3	0.13	1
1,2,4,5-Tetramethylbenzene	0.78	J	ug/kg	4.3	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.42	1
Methyl cyclohexane	ND		ug/kg	4.3	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	**167**	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	R	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 16:53			
Analyst:	BS			
Percent Solids:	91%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.22	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.32	1
Tetrachloroethene	0.74	J	ug/kg	1.0	0.15	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.41	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.12	1
Bromodichloromethane	ND		ug/kg	1.0	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.3	0.15	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.11	1
Benzene	ND		ug/kg	1.0	0.12	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	48		ug/kg	1.0	0.13	1
Chloromethane	ND		ug/kg	5.3	0.31	1
Bromomethane	ND		ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.12	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
Trichloroethene	ND		ug/kg	1.0	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 R Date Collected: 01/05/16 10:20
Client ID: SB7_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	220		ug/kg	2.1	0.21	1
o-Xylene	90		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
Dibromomethane	ND		ug/kg	10	0.17	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.20	1
Acetone	24		ug/kg	10	1.1	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.29	1
Vinyl acetate	ND		ug/kg	10	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.17	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.3	0.29	1
2,2-Dichloropropane	ND		ug/kg	5.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.18	1
1,3-Dichloropropane	ND		ug/kg	5.3	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Bromobenzene	ND		ug/kg	5.3	0.22	1
n-Butylbenzene	ND		ug/kg	1.0	0.12	1
sec-Butylbenzene	ND		ug/kg	1.0	0.13	1
tert-Butylbenzene	ND		ug/kg	5.3	0.14	1
o-Chlorotoluene	ND		ug/kg	5.3	0.17	1
p-Chlorotoluene	ND		ug/kg	5.3	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.42	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.24	1
Isopropylbenzene	1.2		ug/kg	1.0	0.11	1
p-Isopropyltoluene	0.29	J	ug/kg	1.0	0.13	1
Naphthalene	2.6	J	ug/kg	5.3	0.14	1
Acrylonitrile	ND		ug/kg	10	0.54	1
Tert-Butyl Alcohol	ND		ug/kg	63	3.1	1
n-Propylbenzene	0.65	J	ug/kg	1.0	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.19	1
1,3,5-Trimethylbenzene	1.8	J	ug/kg	5.3	0.15	1
1,2,4-Trimethylbenzene	3.9	J	ug/kg	5.3	0.15	1
Methyl Acetate	ND		ug/kg	21	0.28	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 R Date Collected: 01/05/16 10:20

Client ID: SB7_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	26	8.5	1
Cyclohexane	ND		ug/kg	21	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
Freon-113	ND		ug/kg	21	0.29	1
p-Diethylbenzene	2.5	J	ug/kg	4.2	0.17	1
p-Ethyltoluene	3.2	J	ug/kg	4.2	0.13	1
1,2,4,5-Tetramethylbenzene	0.99	J	ug/kg	4.2	0.14	1
Ethyl ether	ND		ug/kg	5.3	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	0.41	1
Methyl cyclohexane	ND		ug/kg	4.2	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	**157**	Q	70-130
Dibromofluoromethane	98		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 15:14		
Analyst:	BS		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	2.8		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.9	0.20	1
Bromoform	ND		ug/kg	5.5	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	7.8		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.19	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 Date Collected: 01/05/16 10:25

Client ID: SB7_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	32		ug/kg	2.8	0.27	1
o-Xylene	14		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	8.9	J	ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.92	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.9	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	6.9	0.29	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.19	1
o-Chlorotoluene	ND		ug/kg	6.9	0.22	1
p-Chlorotoluene	ND		ug/kg	6.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.55	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.32	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	0.68	J	ug/kg	6.9	0.19	1
Acrylonitrile	ND		ug/kg	14	0.71	1
Tert-Butyl Alcohol	ND		ug/kg	83	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
Methyl Acetate	ND		ug/kg	28	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 Date Collected: 01/05/16 10:25

Client ID: SB7_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	35	11.	1
Cyclohexane	0.24	J	ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.9	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	0.54	1
Methyl cyclohexane	ND		ug/kg	5.5	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	**145**	Q	70-130
4-Bromofluorobenzene	**193**	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	R	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 17:20			
Analyst:	BS			
Percent Solids:	86%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	1.5		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	4.7		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 R Date Collected: 01/05/16 10:25
Client ID: SB7_4-6 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	21		ug/kg	2.7	0.27	1
o-Xylene	8.8		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	7.6	J	ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.90	1
Bromochloromethane	ND		ug/kg	6.8	0.37	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.16	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	0.51	J	ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.69	1
Tert-Butyl Alcohol	ND		ug/kg	81	3.9	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
Methyl Acetate	ND		ug/kg	27	0.36	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 R Date Collected: 01/05/16 10:25
Client ID: SB7_4-6 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	ND		ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	19.	1
Freon-113	ND		ug/kg	27	0.37	1
p-Diethylbenzene	ND		ug/kg	5.4	0.22	1
p-Ethyltoluene	0.35	J	ug/kg	5.4	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1
Methyl cyclohexane	ND		ug/kg	5.4	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	**158**	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 15:41		
Analyst:	BS		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	3.0		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.18	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.30	J	ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	2.0	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.5	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 Date Collected: 01/05/16 11:20

Client ID: SB8_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.53	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	29		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.36	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.87	1
Bromochloromethane	ND		ug/kg	6.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.5	0.18	1
o-Chlorotoluene	ND		ug/kg	6.5	0.21	1
p-Chlorotoluene	ND		ug/kg	6.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.52	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.67	1
Tert-Butyl Alcohol	ND		ug/kg	78	3.8	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	0.18	1
Methyl Acetate	ND		ug/kg	26	0.35	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 Date Collected: 01/05/16 11:20

Client ID: SB8_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	33	10.	1
Cyclohexane	0.46	J	ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1
p-Diethylbenzene	ND		ug/kg	5.2	0.21	1
p-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	ND		ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1
Methyl cyclohexane	0.76	J	ug/kg	5.2	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	**142**	Q	70-130
4-Bromofluorobenzene	**165**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	R	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 17:46			
Analyst:	BS			
Percent Solids:	93%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	2.8		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.2	0.18	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	0.36	J	ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 R Date Collected: 01/05/16 11:20
Client ID: SB8_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	19		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
2,2-Dichloropropane	ND		ug/kg	6.2	0.28	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.40	1
Bromobenzene	ND		ug/kg	6.2	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
o-Chlorotoluene	ND		ug/kg	6.2	0.20	1
p-Chlorotoluene	ND		ug/kg	6.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	0.25	J	ug/kg	6.2	0.17	1
Acrylonitrile	ND		ug/kg	12	0.64	1
Tert-Butyl Alcohol	ND		ug/kg	75	3.6	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 R Date Collected: 01/05/16 11:20

Client ID: SB8_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	31	10.	1
Cyclohexane	0.58	J	ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
p-Diethylbenzene	ND		ug/kg	5.0	0.20	1
p-Ethyltoluene	ND		ug/kg	5.0	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.0	0.16	1
Ethyl ether	ND		ug/kg	6.2	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	0.49	1
Methyl cyclohexane	0.96	J	ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	**135**	Q	70-130
4-Bromofluorobenzene	**160**	Q	70-130
Dibromofluoromethane	107		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 16:07		
Analyst:	BS		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.13	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.32	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.35	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.46	1
Tetrachloroethene	3.6		ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.17	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.21	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	0.60	J	ug/kg	1.5	0.18	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.6	0.45	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.18	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.32	1
Trichloroethene	ND		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.20	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 Date Collected: 01/05/16 11:25

Client ID: SB8_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.21	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.13	1
p/m-Xylene	0.51	J	ug/kg	3.0	0.30	1
o-Xylene	0.34	J	ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Dibromomethane	ND		ug/kg	15	0.25	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.29	1
Acetone	23		ug/kg	15	1.6	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	0.41	1
Vinyl acetate	ND		ug/kg	15	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.25	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.42	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.34	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.26	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.6	0.32	1
n-Butylbenzene	ND		ug/kg	1.5	0.17	1
sec-Butylbenzene	ND		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.6	0.20	1
o-Chlorotoluene	ND		ug/kg	7.6	0.24	1
p-Chlorotoluene	ND		ug/kg	7.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.35	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.19	1
Naphthalene	0.64	J	ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1
Tert-Butyl Alcohol	ND		ug/kg	91	4.4	1
n-Propylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.22	1
1,2,4-Trimethylbenzene	1.9	J	ug/kg	7.6	0.21	1
Methyl Acetate	ND		ug/kg	30	0.41	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 Date Collected: 01/05/16 11:25

Client ID: SB8_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	38	12.	1
Cyclohexane	1.7	J	ug/kg	30	0.22	1
1,4-Dioxane	ND		ug/kg	150	22.	1
Freon-113	ND		ug/kg	30	0.42	1
p-Diethylbenzene	ND		ug/kg	6.1	0.24	1
p-Ethyltoluene	ND		ug/kg	6.1	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.1	0.20	1
Ethyl ether	ND		ug/kg	7.6	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.60	1
Methyl cyclohexane	3.1	J	ug/kg	6.1	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	**157**	Q	70-130
4-Bromofluorobenzene	**186**	Q	70-130
Dibromofluoromethane	112		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	R	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 18:13			
Analyst:	BS			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.42	1
Tetrachloroethene	2.0		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	0.49	J	ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 R Date Collected: 01/05/16 11:25
Client ID: SB8_4-6 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	22		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	3.1	J	ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	0.36	J	ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
Tert-Butyl Alcohol	ND		ug/kg	82	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trimethylbenzene	0.88	J	ug/kg	6.8	0.19	1
Methyl Acetate	ND		ug/kg	27	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 R Date Collected: 01/05/16 11:25
Client ID: SB8_4-6 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	1.0	J	ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.38	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	0.51	J	ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.54	1
Methyl cyclohexane	1.8	J	ug/kg	5.5	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	**139**	Q	70-130
4-Bromofluorobenzene	**175**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 16:34		
Analyst:	BS		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	0.84	J	ug/kg	1.2	0.18	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.2	0.18	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 Date Collected: 01/05/16 00:00

Client ID: SODUP01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Dibromomethane	ND		ug/kg	12	0.20	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	13		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
Vinyl acetate	ND		ug/kg	12	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
1,2,3-Trichloropropane	ND		ug/kg	12	0.20	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
2,2-Dichloropropane	ND		ug/kg	6.2	0.28	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.2	0.40	1
Bromobenzene	ND		ug/kg	6.2	0.26	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
o-Chlorotoluene	ND		ug/kg	6.2	0.20	1
p-Chlorotoluene	ND		ug/kg	6.2	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Hexachlorobutadiene	ND		ug/kg	6.2	0.28	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	6.3		ug/kg	6.2	0.17	1
Acrylonitrile	ND		ug/kg	12	0.64	1
Tert-Butyl Alcohol	ND		ug/kg	75	3.6	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 Date Collected: 01/05/16 00:00

Client ID: SODUP01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	31	10.	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
p-Diethylbenzene	ND		ug/kg	5.0	0.20	1
p-Ethyltoluene	ND		ug/kg	5.0	0.15	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.0	0.16	1
Ethyl ether	ND		ug/kg	6.2	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.2	0.49	1
Methyl cyclohexane	0.30	J	ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	127		70-130
4-Bromofluorobenzene	**145**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	R	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 18:40			
Analyst:	BS			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	0.75	J	ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.4	0.18	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.38	1
Bromomethane	ND		ug/kg	2.6	0.43	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 R Date Collected: 01/05/16 00:00
Client ID: SODUP01_010516 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.25	1
o-Xylene	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	11	J	ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.35	1
2,2-Dichloropropane	ND		ug/kg	6.4	0.29	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
1,3-Dichloropropane	ND		ug/kg	6.4	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	0.26	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
o-Chlorotoluene	ND		ug/kg	6.4	0.20	1
p-Chlorotoluene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1
Hexachlorobutadiene	ND		ug/kg	6.4	0.29	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	3.3	J	ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	1
Tert-Butyl Alcohol	ND		ug/kg	77	3.7	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
Methyl Acetate	ND		ug/kg	26	0.34	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 R Date Collected: 01/05/16 00:00

Client ID: SODUP01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	32	10.	1
Cyclohexane	ND		ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	18.	1
Freon-113	ND		ug/kg	26	0.35	1
p-Diethylbenzene	ND		ug/kg	5.1	0.20	1
p-Ethyltoluene	ND		ug/kg	5.1	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.1	0.17	1
Ethyl ether	ND		ug/kg	6.4	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	0.50	1
Methyl cyclohexane	ND		ug/kg	5.1	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	123		70-130
4-Bromofluorobenzene	**144**	Q	70-130
Dibromofluoromethane	100		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	01/06/16 10:52		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-18 Date Collected: 01/05/16 15:00

Client ID: SOFB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Tert-Butyl Alcohol	ND		ug/l	10	0.90	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Acrolein	ND		ug/l	5.0	0.63	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-18 Date Collected: 01/05/16 15:00

Client ID: SOFB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	108		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-19	Date Collected:	01/05/16 00:00
Client ID:	SOTB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	01/06/16 11:20		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-19 Date Collected: 01/05/16 00:00

Client ID: SOTB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Tert-Butyl Alcohol	ND		ug/l	10	0.90	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Acrolein	ND		ug/l	5.0	0.63	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-19 Date Collected: 01/05/16 00:00

Client ID: SOTB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/16 10:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG855197-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/16 10:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG855197-3					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/16 10:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 18-19 Batch: WG855197-3					
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG856252-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	28	J	ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG856252-3					
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	80	J	ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG856252-3					
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
Freon-113	ND		ug/kg	1000	14.
p-Diethylbenzene	ND		ug/kg	200	8.0
p-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	88		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11-17 Batch: WG856253-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.55	J	ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11-17 Batch: WG856253-3					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	1.6	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11-17 Batch: WG856253-3					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	88		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11,13-17 Batch: WG856253-6					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11,13-17 Batch: WG856253-6					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 08,11,13-17 Batch: WG856253-6					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG855197-1 WG855197-2								
Methylene chloride	112		104		70-130	7		20
1,1-Dichloroethane	117		107		70-130	9		20
Chloroform	111		103		70-130	7		20
2-Chloroethylvinyl ether	86		79		70-130	8		20
Carbon tetrachloride	111		105		63-132	6		20
1,2-Dichloropropane	113		101		70-130	11		20
Dibromochloromethane	106		99		63-130	7		20
1,1,2-Trichloroethane	101		93		70-130	8		20
Tetrachloroethene	107		99		70-130	8		20
Chlorobenzene	112		98		75-130	13		20
Trichlorofluoromethane	69		65		62-150	6		20
1,2-Dichloroethane	104		94		70-130	10		20
1,1,1-Trichloroethane	114		106		67-130	7		20
Bromodichloromethane	102		100		67-130	2		20
trans-1,3-Dichloropropene	104		94		70-130	10		20
cis-1,3-Dichloropropene	104		98		70-130	6		20
1,1-Dichloropropene	109		101		70-130	8		20
Bromoform	87		90		54-136	3		20
1,1,2,2-Tetrachloroethane	104		99		67-130	5		20
Benzene	109		101		70-130	8		20
Toluene	114		103		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG855197-1 WG855197-2								
Ethylbenzene	104		90		70-130	14		20
Chloromethane	**136**	Q	124		64-130	9		20
Bromomethane	114		104		39-139	9		20
Vinyl chloride	102		92		55-140	10		20
Chloroethane	78		70		55-138	11		20
1,1-Dichloroethene	72		69		61-145	4		20
trans-1,2-Dichloroethene	112		104		70-130	7		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	112		99		70-130	12		20
1,3-Dichlorobenzene	114		100		70-130	13		20
1,4-Dichlorobenzene	114		97		70-130	16		20
Methyl tert butyl ether	92		89		63-130	3		20
p/m-Xylene	106		90		70-130	16		20
o-Xylene	96		83		70-130	15		20
cis-1,2-Dichloroethene	110		102		70-130	8		20
Dibromomethane	105		102		70-130	3		20
1,2,3-Trichloropropane	100		93		64-130	7		20
Acrylonitrile	102		100		70-130	2		20
Isopropyl Ether	110		102		70-130	8		20
tert-Butyl Alcohol	102		104		70-130	2		20
Styrene	99		84		70-130	16		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG855197-1 WG855197-2								
Dichlorodifluoromethane	102		95		36-147	7		20
Acetone	62		**56**	Q	58-148	10		20
Carbon disulfide	71		64		51-130	10		20
2-Butanone	82		74		63-138	10		20
Vinyl acetate	97		92		70-130	5		20
4-Methyl-2-pentanone	74		72		59-130	3		20
2-Hexanone	73		74		57-130	1		20
Acrolein	158		148		40-160	7		20
Bromochloromethane	114		107		70-130	6		20
2,2-Dichloropropane	118		109		63-133	8		20
1,2-Dibromoethane	103		96		70-130	7		20
1,3-Dichloropropane	105		94		70-130	11		20
1,1,1,2-Tetrachloroethane	114		103		64-130	10		20
Bromobenzene	114		106		70-130	7		20
n-Butylbenzene	109		83		53-136	**27**	Q	20
sec-Butylbenzene	110		82		70-130	**29**	Q	20
tert-Butylbenzene	88		**69**	Q	70-130	**24**	Q	20
o-Chlorotoluene	114		102		70-130	11		20
p-Chlorotoluene	114		97		70-130	16		20
1,2-Dibromo-3-chloropropane	100		90		41-144	11		20
Hexachlorobutadiene	105		76		63-130	**32**	Q	20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG855197-1 WG855197-2								
Isopropylbenzene	111		98		70-130	12		20
p-Isopropyltoluene	105		81		70-130	**26**	Q	20
Naphthalene	90		80		70-130	12		20
n-Propylbenzene	110		92		69-130	18		20
1,2,3-Trichlorobenzene	101		86		70-130	16		20
1,2,4-Trichlorobenzene	100		89		70-130	12		20
1,3,5-Trimethylbenzene	112		93		64-130	19		20
1,2,4-Trimethylbenzene	112		94		70-130	17		20
Methyl Acetate	108		105		70-130	3		20
Ethyl Acetate	94		90		70-130	4		20
Cyclohexane	106		101		70-130	5		20
Ethyl-Tert-Butyl-Ether	100		92		70-130	8		20
Tertiary-Amyl Methyl Ether	88		85		66-130	3		20
1,4-Dioxane	144		114		56-162	**23**	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	**66**	Q	**64**	Q	70-130	3		20
p-Diethylbenzene	92		**69**	Q	70-130	**29**	Q	20
p-Ethyltoluene	98		83		70-130	17		20
1,2,4,5-Tetramethylbenzene	89		72		70-130	**21**	Q	20
Ethyl ether	65		59		59-134	10		20
trans-1,4-Dichloro-2-butene	98		94		70-130	4		20
Iodomethane	**31**	Q	**38**	Q	70-130	20		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 18-19 Batch: WG855197-1 WG855197-2								
Methyl cyclohexane	97		87		70-130	11		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	89		92		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	105		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG856252-1 WG856252-2								
Methylene chloride	88		94		70-130	7		30
1,1-Dichloroethane	90		96		70-130	6		30
Chloroform	87		93		70-130	7		30
Carbon tetrachloride	94		98		70-130	4		30
1,2-Dichloropropane	93		99		70-130	6		30
Dibromochloromethane	97		104		70-130	7		30
2-Chloroethylvinyl ether	99		103		70-130	4		30
1,1,2-Trichloroethane	92		99		70-130	7		30
Tetrachloroethene	94		98		70-130	4		30
Chlorobenzene	90		96		70-130	6		30
Trichlorofluoromethane	**63**	Q	**64**	Q	70-139	2		30
1,2-Dichloroethane	84		91		70-130	8		30
1,1,1-Trichloroethane	88		93		70-130	6		30
Bromodichloromethane	89		94		70-130	5		30
trans-1,3-Dichloropropene	92		100		70-130	8		30
cis-1,3-Dichloropropene	90		96		70-130	6		30
1,1-Dichloropropene	88		93		70-130	6		30
Bromoform	90		98		70-130	9		30
1,1,2,2-Tetrachloroethane	95		102		70-130	7		30
Benzene	88		93		70-130	6		30
Toluene	**60**	Q	**66**	Q	70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG856252-1 WG856252-2								
Ethylbenzene	90		95		70-130	5		30
Chloromethane	96		100		52-130	4		30
Bromomethane	62		68		57-147	9		30
Vinyl chloride	71		75		67-130	5		30
Chloroethane	51		52		50-151	2		30
1,1-Dichloroethene	92		96		65-135	4		30
trans-1,2-Dichloroethene	90		94		70-130	4		30
Trichloroethene	88		93		70-130	6		30
1,2-Dichlorobenzene	95		102		70-130	7		30
1,3-Dichlorobenzene	95		101		70-130	6		30
1,4-Dichlorobenzene	95		103		70-130	8		30
Methyl tert butyl ether	89		96		66-130	8		30
p/m-Xylene	89		94		70-130	5		30
o-Xylene	88		93		70-130	6		30
cis-1,2-Dichloroethene	89		95		70-130	7		30
Dibromomethane	87		92		70-130	6		30
Styrene	87		93		70-130	7		30
Dichlorodifluoromethane	99		102		30-146	3		30
Acetone	94		96		54-140	2		30
Carbon disulfide	85		88		59-130	3		30
2-Butanone	81		91		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG856252-1 WG856252-2								
Vinyl acetate	93		99		70-130	6		30
4-Methyl-2-pentanone	89		95		70-130	7		30
1,2,3-Trichloropropane	93		98		68-130	5		30
2-Hexanone	100		104		70-130	4		30
Bromochloromethane	91		99		70-130	8		30
2,2-Dichloropropane	90		94		70-130	4		30
1,2-Dibromoethane	95		103		70-130	8		30
1,3-Dichloropropane	94		100		69-130	6		30
1,1,1,2-Tetrachloroethane	97		104		70-130	7		30
Bromobenzene	96		104		70-130	8		30
n-Butylbenzene	91		98		70-130	7		30
sec-Butylbenzene	94		100		70-130	6		30
tert-Butylbenzene	94		101		70-130	7		30
o-Chlorotoluene	94		102		70-130	8		30
p-Chlorotoluene	94		102		70-130	8		30
1,2-Dibromo-3-chloropropane	96		100		68-130	4		30
Hexachlorobutadiene	99		108		67-130	9		30
Isopropylbenzene	94		100		70-130	6		30
p-Isopropyltoluene	94		100		70-130	6		30
Naphthalene	98		105		70-130	7		30
Acrylonitrile	99		102		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG856252-1 WG856252-2								
Isopropyl Ether	97		104		66-130	7		30
tert-Butyl Alcohol	94		96		70-130	2		30
n-Propylbenzene	92		98		70-130	6		30
1,2,3-Trichlorobenzene	100		108		70-130	8		30
1,2,4-Trichlorobenzene	100		107		70-130	7		30
1,3,5-Trimethylbenzene	94		101		70-130	7		30
1,2,4-Trimethylbenzene	94		102		70-130	8		30
Methyl Acetate	104		109		51-146	5		30
Ethyl Acetate	104		107		70-130	3		30
Acrolein	99		102		70-130	3		30
Cyclohexane	104		109		59-142	5		30
1,4-Dioxane	92		96		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	97		102		50-139	5		30
p-Diethylbenzene	95		103		70-130	8		30
p-Ethyltoluene	94		100		70-130	6		30
1,2,4,5-Tetramethylbenzene	95		103		70-130	8		30
Tetrahydrofuran	102		106		66-130	4		30
Ethyl ether	67		93		67-130	**33**	Q	30
trans-1,4-Dichloro-2-butene	96		101		70-130	5		30
Methyl cyclohexane	99		104		70-130	5		30
Ethyl-Tert-Butyl-Ether	93		100		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG856252-1 WG856252-2								
Tertiary-Amyl Methyl Ether	87		94		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11-17 Batch: WG856253-1 WG856253-2								
Methylene chloride	88		94		70-130	7		30
1,1-Dichloroethane	90		96		70-130	6		30
Chloroform	87		93		70-130	7		30
Carbon tetrachloride	94		98		70-130	4		30
1,2-Dichloropropane	93		99		70-130	6		30
Dibromochloromethane	97		104		70-130	7		30
2-Chloroethylvinyl ether	99		103		70-130	4		30
1,1,2-Trichloroethane	92		99		70-130	7		30
Tetrachloroethene	94		98		70-130	4		30
Chlorobenzene	90		96		70-130	6		30
Trichlorofluoromethane	**63**	Q	**64**	Q	70-139	2		30
1,2-Dichloroethane	84		91		70-130	8		30
1,1,1-Trichloroethane	88		93		70-130	6		30
Bromodichloromethane	89		94		70-130	5		30
trans-1,3-Dichloropropene	92		100		70-130	8		30
cis-1,3-Dichloropropene	90		96		70-130	6		30
1,1-Dichloropropene	88		93		70-130	6		30
Bromoform	90		98		70-130	9		30
1,1,2,2-Tetrachloroethane	95		102		70-130	7		30
Benzene	88		93		70-130	6		30
Toluene	**60**	Q	**66**	Q	70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11-17 Batch: WG856253-1 WG856253-2								
Ethylbenzene	90		95		70-130	5		30
Chloromethane	96		100		52-130	4		30
Bromomethane	62		68		57-147	9		30
Vinyl chloride	71		75		67-130	5		30
Chloroethane	51		52		50-151	2		30
1,1-Dichloroethene	92		96		65-135	4		30
trans-1,2-Dichloroethene	90		94		70-130	4		30
Trichloroethene	88		93		70-130	6		30
1,2-Dichlorobenzene	95		102		70-130	7		30
1,3-Dichlorobenzene	95		101		70-130	6		30
1,4-Dichlorobenzene	95		103		70-130	8		30
Methyl tert butyl ether	89		96		66-130	8		30
p/m-Xylene	89		94		70-130	5		30
o-Xylene	88		93		70-130	6		30
cis-1,2-Dichloroethene	89		95		70-130	7		30
Dibromomethane	87		92		70-130	6		30
Styrene	87		93		70-130	7		30
Dichlorodifluoromethane	99		102		30-146	3		30
Acetone	94		96		54-140	2		30
Carbon disulfide	85		88		59-130	3		30
2-Butanone	81		91		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11-17 Batch: WG856253-1 WG856253-2								
Vinyl acetate	93		99		70-130	6		30
4-Methyl-2-pentanone	89		95		70-130	7		30
1,2,3-Trichloropropane	93		98		68-130	5		30
2-Hexanone	100		104		70-130	4		30
Bromochloromethane	91		99		70-130	8		30
2,2-Dichloropropane	90		94		70-130	4		30
1,2-Dibromoethane	95		103		70-130	8		30
1,3-Dichloropropane	94		100		69-130	6		30
1,1,1,2-Tetrachloroethane	97		104		70-130	7		30
Bromobenzene	96		104		70-130	8		30
n-Butylbenzene	91		98		70-130	7		30
sec-Butylbenzene	94		100		70-130	6		30
tert-Butylbenzene	94		101		70-130	7		30
o-Chlorotoluene	94		102		70-130	8		30
p-Chlorotoluene	94		102		70-130	8		30
1,2-Dibromo-3-chloropropane	96		100		68-130	4		30
Hexachlorobutadiene	99		108		67-130	9		30
Isopropylbenzene	94		100		70-130	6		30
p-Isopropyltoluene	94		100		70-130	6		30
Naphthalene	98		105		70-130	7		30
Acrylonitrile	99		102		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11-17 Batch: WG856253-1 WG856253-2								
Isopropyl Ether	97		104		66-130	7		30
tert-Butyl Alcohol	94		96		70-130	2		30
n-Propylbenzene	92		98		70-130	6		30
1,2,3-Trichlorobenzene	100		108		70-130	8		30
1,2,4-Trichlorobenzene	100		107		70-130	7		30
1,3,5-Trimethylbenzene	94		101		70-130	7		30
1,2,4-Trimethylbenzene	94		102		70-130	8		30
Methyl Acetate	104		109		51-146	5		30
Ethyl Acetate	104		107		70-130	3		30
Acrolein	99		102		70-130	3		30
Cyclohexane	104		109		59-142	5		30
1,4-Dioxane	92		96		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	97		102		50-139	5		30
p-Diethylbenzene	95		103		70-130	8		30
p-Ethyltoluene	94		100		70-130	6		30
1,2,4,5-Tetramethylbenzene	95		103		70-130	8		30
Tetrahydrofuran	102		106		66-130	4		30
Ethyl ether	67		93		67-130	**33**	Q	30
trans-1,4-Dichloro-2-butene	96		101		70-130	5		30
Methyl cyclohexane	99		104		70-130	5		30
Ethyl-Tert-Butyl-Ether	93		100		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11-17 Batch: WG856253-1 WG856253-2								
Tertiary-Amyl Methyl Ether	87		94		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11,13-17 Batch: WG856253-4 WG856253-5								
Methylene chloride	107		106		70-130	1		30
1,1-Dichloroethane	98		91		70-130	7		30
Chloroform	93		90		70-130	3		30
Carbon tetrachloride	93		91		70-130	2		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	94		100		70-130	6		30
2-Chloroethylvinyl ether	100		99		70-130	1		30
1,1,2-Trichloroethane	97		100		70-130	3		30
Tetrachloroethene	99		99		70-130	0		30
Chlorobenzene	99		98		70-130	1		30
Trichlorofluoromethane	**67**	Q	**59**	Q	70-139	13		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	92		88		70-130	4		30
Bromodichloromethane	91		91		70-130	0		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	96		91		70-130	5		30
Bromoform	85		94		70-130	10		30
1,1,2,2-Tetrachloroethane	100		103		70-130	3		30
Benzene	97		95		70-130	2		30
Toluene	**69**	Q	**68**	Q	70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11,13-17 Batch: WG856253-4 WG856253-5								
Ethylbenzene	98		96		70-130	2		30
Chloromethane	102		99		52-130	3		30
Bromomethane	66		61		57-147	8		30
Vinyl chloride	**66**	Q	67		67-130	2		30
Chloroethane	55		**47**	Q	50-151	16		30
1,1-Dichloroethene	99		92		65-135	7		30
trans-1,2-Dichloroethene	97		94		70-130	3		30
Trichloroethene	96		93		70-130	3		30
1,2-Dichlorobenzene	102		103		70-130	1		30
1,3-Dichlorobenzene	103		104		70-130	1		30
1,4-Dichlorobenzene	103		105		70-130	2		30
Methyl tert butyl ether	95		90		66-130	5		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	96		97		70-130	1		30
Dibromomethane	91		92		70-130	1		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	104		97		30-146	7		30
Acetone	102		89		54-140	14		30
Carbon disulfide	90		85		59-130	6		30
2-Butanone	92		88		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11,13-17 Batch: WG856253-4 WG856253-5								
Vinyl acetate	98		91		70-130	7		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	98		101		68-130	3		30
2-Hexanone	101		100		70-130	1		30
Bromochloromethane	99		100		70-130	1		30
2,2-Dichloropropane	93		88		70-130	6		30
1,2-Dibromoethane	99		103		70-130	4		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	100		102		70-130	2		30
Bromobenzene	103		107		70-130	4		30
n-Butylbenzene	101		100		70-130	1		30
sec-Butylbenzene	102		101		70-130	1		30
tert-Butylbenzene	102		102		70-130	0		30
o-Chlorotoluene	104		104		70-130	0		30
p-Chlorotoluene	104		104		70-130	0		30
1,2-Dibromo-3-chloropropane	90		100		68-130	11		30
Hexachlorobutadiene	107		107		67-130	0		30
Isopropylbenzene	102		103		70-130	1		30
p-Isopropyltoluene	102		102		70-130	0		30
Naphthalene	101		104		70-130	3		30
Acrylonitrile	103		97		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11,13-17 Batch: WG856253-4 WG856253-5								
Isopropyl Ether	107		96		66-130	11		30
tert-Butyl Alcohol	91		87		70-130	4		30
n-Propylbenzene	102		101		70-130	1		30
1,2,3-Trichlorobenzene	107		109		70-130	2		30
1,2,4-Trichlorobenzene	109		111		70-130	2		30
1,3,5-Trimethylbenzene	103		104		70-130	1		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
Methyl Acetate	108		99		51-146	9		30
Ethyl Acetate	104		102		70-130	2		30
Acrolein	103		97		70-130	6		30
Cyclohexane	113		105		59-142	7		30
1,4-Dioxane	102		106		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		97		50-139	9		30
p-Diethylbenzene	105		104		70-130	1		30
p-Ethyltoluene	104		104		70-130	0		30
1,2,4,5-Tetramethylbenzene	104		105		70-130	1		30
Tetrahydrofuran	105		100		66-130	5		30
Ethyl ether	82		71		67-130	14		30
trans-1,4-Dichloro-2-butene	100		103		70-130	3		30
Methyl cyclohexane	106		101		70-130	5		30
Ethyl-Tert-Butyl-Ether	99		94		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 08,11,13-17 Batch: WG856253-4 WG856253-5								
Tertiary-Amyl Methyl Ether	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		86		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	108		110		70-130
Dibromofluoromethane	97		95		70-130

SEMIVOLATILES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-07	D	Date Collected:	01/05/16 10:35
Client ID:	SB4_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/08/16 04:51
Analytical Date:	01/09/16 19:01			
Analyst:	JB			
Percent Solids:	95%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	690	90.	5
Benzidine	ND		ug/kg	2900	940	5
n-Nitrosodimethylamine	ND		ug/kg	1700	170	5
1,2,4-Trichlorobenzene	ND		ug/kg	870	99.	5
Hexachlorobenzene	ND		ug/kg	520	97.	5
Bis(2-chloroethyl)ether	ND		ug/kg	780	120	5
2-Chloronaphthalene	ND		ug/kg	870	86.	5
1,2-Dichlorobenzene	ND		ug/kg	870	160	5
1,3-Dichlorobenzene	ND		ug/kg	870	150	5
1,4-Dichlorobenzene	ND		ug/kg	870	150	5
3,3'-Dichlorobenzidine	ND		ug/kg	870	230	5
2,4-Dinitrotoluene	ND		ug/kg	870	170	5
2,6-Dinitrotoluene	ND		ug/kg	870	150	5
Fluoranthene	230	J	ug/kg	520	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	870	93.	5
4-Bromophenyl phenyl ether	ND		ug/kg	870	130	5
Azobenzene	ND		ug/kg	870	83.	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	150	5
Bis(2-chloroethoxy)methane	ND		ug/kg	940	87.	5
Hexachlorobutadiene	ND		ug/kg	870	130	5
Hexachlorocyclopentadiene	ND		ug/kg	2500	790	5
Hexachloroethane	ND		ug/kg	690	140	5
Isophorone	ND		ug/kg	780	110	5
Naphthalene	ND		ug/kg	870	100	5
Nitrobenzene	ND		ug/kg	780	130	5
NDPA/DPA	ND		ug/kg	690	99.	5
n-Nitrosodi-n-propylamine	ND		ug/kg	870	130	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	870	300	5
Butyl benzyl phthalate	ND		ug/kg	870	220	5
Di-n-butylphthalate	ND		ug/kg	870	160	5

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07 D Date Collected: 01/05/16 10:35
Client ID: SB4_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	870	300	5
Diethyl phthalate	ND		ug/kg	870	80.	5
Dimethyl phthalate	ND		ug/kg	870	180	5
Benzo(a)anthracene	140	J	ug/kg	520	98.	5
Benzo(a)pyrene	ND		ug/kg	690	210	5
Benzo(b)fluoranthene	230	J	ug/kg	520	150	5
Benzo(k)fluoranthene	ND		ug/kg	520	140	5
Chrysene	170	J	ug/kg	520	90.	5
Acenaphthylene	ND		ug/kg	690	130	5
Anthracene	ND		ug/kg	520	170	5
Benzo(ghi)perylene	ND		ug/kg	690	100	5
Fluorene	ND		ug/kg	870	84.	5
Phenanthrene	140	J	ug/kg	520	100	5
Dibenzo(a,h)anthracene	ND		ug/kg	520	100	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	690	120	5
Pyrene	280	J	ug/kg	520	86.	5
Biphenyl	ND		ug/kg	2000	200	5
4-Chloroaniline	ND		ug/kg	870	160	5
2-Nitroaniline	ND		ug/kg	870	170	5
3-Nitroaniline	ND		ug/kg	870	160	5
4-Nitroaniline	ND		ug/kg	870	360	5
Dibenzofuran	ND		ug/kg	870	82.	5
2-Methylnaphthalene	ND		ug/kg	1000	100	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	870	91.	5
Acetophenone	ND		ug/kg	870	110	5
2,4,6-Trichlorophenol	ND		ug/kg	520	160	5
p-Chloro-m-cresol	ND		ug/kg	870	130	5
2-Chlorophenol	ND		ug/kg	870	100	5
2,4-Dichlorophenol	ND		ug/kg	780	140	5
2,4-Dimethylphenol	ND		ug/kg	870	290	5
2-Nitrophenol	ND		ug/kg	1900	330	5
4-Nitrophenol	ND		ug/kg	1200	350	5
2,4-Dinitrophenol	ND		ug/kg	4200	400	5
4,6-Dinitro-o-cresol	ND		ug/kg	2200	420	5
Pentachlorophenol	ND		ug/kg	690	190	5
Phenol	ND		ug/kg	870	130	5
2-Methylphenol	ND		ug/kg	870	130	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	140	5
2,4,5-Trichlorophenol	ND		ug/kg	870	170	5

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07 D
Client ID: SB4_0-2
Sample Location: BROOKLYN, NY

Date Collected: 01/05/16 10:35
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	2800	880	5
Benzyl Alcohol	ND		ug/kg	870	260	5
Carbazole	ND		ug/kg	870	84.	5
Benzaldehyde	ND		ug/kg	1100	230	5
Caprolactam	ND		ug/kg	870	260	5
Atrazine	ND		ug/kg	690	300	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	870	180	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	87		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/08/16 04:51
Analytical Date:	01/09/16 17:18		
Analyst:	JB		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	260		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	130		ug/kg	110	21.	1
Benzo(a)pyrene	100	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	140		ug/kg	110	32.	1
Benzo(k)fluoranthene	39	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	52	J	ug/kg	110	37.	1
Benzo(ghi)perylene	69	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	210		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	73	J	ug/kg	150	26.	1
Pyrene	220		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	20	J	ug/kg	190	18.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
Atrazine	ND		ug/kg	150	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	65		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 01:42		
Analyst:	KR		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	480		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	200	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	5300		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	480		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	240		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	120	J	ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	3200		ug/kg	110	21.	1
Benzo(a)pyrene	2800		ug/kg	150	46.	1
Benzo(b)fluoranthene	3800		ug/kg	110	32.	1
Benzo(k)fluoranthene	1400		ug/kg	110	30.	1
Chrysene	3400		ug/kg	110	20.	1
Acenaphthylene	370		ug/kg	150	29.	1
Anthracene	1200		ug/kg	110	37.	1
Benzo(ghi)perylene	1800		ug/kg	150	22.	1
Fluorene	560		ug/kg	190	18.	1
Phenanthrene	6200		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	480		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	150	26.	1
Pyrene	5300		ug/kg	110	19.	1
Biphenyl	81	J	ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	380		ug/kg	190	18.	1
2-Methylnaphthalene	380		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	42	J	ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	590		ug/kg	190	18.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	58.	1
Atrazine	ND		ug/kg	150	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	108		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	86		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-12	Date Collected:	01/05/16 09:10
Client ID:	SB6_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 02:07		
Analyst:	KR		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	620	200	1
n-Nitrosodimethylamine	ND		ug/kg	380	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	530		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12 Date Collected: 01/05/16 09:10

Client ID: SB6_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	350		ug/kg	110	21.	1
Benzo(a)pyrene	570		ug/kg	150	46.	1
Benzo(b)fluoranthene	900		ug/kg	110	32.	1
Benzo(k)fluoranthene	290		ug/kg	110	30.	1
Chrysene	360		ug/kg	110	20.	1
Acenaphthylene	120	J	ug/kg	150	29.	1
Anthracene	82	J	ug/kg	110	37.	1
Benzo(ghi)perylene	330		ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	270		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	330		ug/kg	150	26.	1
Pyrene	470		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12 Date Collected: 01/05/16 09:10

Client ID: SB6_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	39	J	ug/kg	190	18.	1
Benzaldehyde	ND		ug/kg	250	51.	1
Caprolactam	ND		ug/kg	190	57.	1
Atrazine	ND		ug/kg	150	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	89		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	D	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 02:33			
Analyst:	KR			
Percent Solids:	91%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	290	37.	2
Benzidine	ND		ug/kg	1200	390	2
n-Nitrosodimethylamine	ND		ug/kg	720	69.	2
1,2,4-Trichlorobenzene	ND		ug/kg	360	41.	2
Hexachlorobenzene	ND		ug/kg	220	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	49.	2
2-Chloronaphthalene	ND		ug/kg	360	36.	2
1,2-Dichlorobenzene	ND		ug/kg	360	65.	2
1,3-Dichlorobenzene	ND		ug/kg	360	62.	2
1,4-Dichlorobenzene	ND		ug/kg	360	63.	2
3,3'-Dichlorobenzidine	ND		ug/kg	360	96.	2
2,4-Dinitrotoluene	ND		ug/kg	360	72.	2
2,6-Dinitrotoluene	ND		ug/kg	360	62.	2
Fluoranthene	120	J	ug/kg	220	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	360	39.	2
4-Bromophenyl phenyl ether	ND		ug/kg	360	55.	2
Azobenzene	ND		ug/kg	360	35.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	430	62.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	390	36.	2
Hexachlorobutadiene	ND		ug/kg	360	53.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	330	2
Hexachloroethane	ND		ug/kg	290	58.	2
Isophorone	ND		ug/kg	320	47.	2
Naphthalene	ND		ug/kg	360	44.	2
Nitrobenzene	ND		ug/kg	320	53.	2
NDPA/DPA	ND		ug/kg	290	41.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	360	56.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	360	120	2
Butyl benzyl phthalate	ND		ug/kg	360	91.	2
Di-n-butylphthalate	ND		ug/kg	360	68.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 D Date Collected: 01/05/16 10:20
Client ID: SB7_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	360	120	2
Diethyl phthalate	ND		ug/kg	360	33.	2
Dimethyl phthalate	ND		ug/kg	360	76.	2
Benzo(a)anthracene	72	J	ug/kg	220	41.	2
Benzo(a)pyrene	ND		ug/kg	290	88.	2
Benzo(b)fluoranthene	ND		ug/kg	220	61.	2
Benzo(k)fluoranthene	ND		ug/kg	220	58.	2
Chrysene	110	J	ug/kg	220	38.	2
Acenaphthylene	ND		ug/kg	290	56.	2
Anthracene	ND		ug/kg	220	70.	2
Benzo(ghi)perylene	ND		ug/kg	290	42.	2
Fluorene	ND		ug/kg	360	35.	2
Phenanthrene	89	J	ug/kg	220	44.	2
Dibenzo(a,h)anthracene	ND		ug/kg	220	42.	2
Indeno(1,2,3-cd)pyrene	ND		ug/kg	290	50.	2
Pyrene	130	J	ug/kg	220	36.	2
Biphenyl	ND		ug/kg	820	84.	2
4-Chloroaniline	ND		ug/kg	360	66.	2
2-Nitroaniline	ND		ug/kg	360	70.	2
3-Nitroaniline	ND		ug/kg	360	68.	2
4-Nitroaniline	ND		ug/kg	360	150	2
Dibenzofuran	ND		ug/kg	360	34.	2
2-Methylnaphthalene	ND		ug/kg	430	44.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	360	38.	2
Acetophenone	ND		ug/kg	360	45.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	68.	2
p-Chloro-m-cresol	ND		ug/kg	360	54.	2
2-Chlorophenol	ND		ug/kg	360	43.	2
2,4-Dichlorophenol	ND		ug/kg	320	58.	2
2,4-Dimethylphenol	ND		ug/kg	360	120	2
2-Nitrophenol	ND		ug/kg	780	140	2
4-Nitrophenol	ND		ug/kg	500	150	2
2,4-Dinitrophenol	ND		ug/kg	1700	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	940	170	2
Pentachlorophenol	ND		ug/kg	290	79.	2
Phenol	ND		ug/kg	360	54.	2
2-Methylphenol	ND		ug/kg	360	56.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	520	56.	2
2,4,5-Trichlorophenol	ND		ug/kg	360	69.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 D Date Collected: 01/05/16 10:20

Client ID: SB7_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	1200	360	2
Benzyl Alcohol	ND		ug/kg	360	110	2
Carbazole	ND		ug/kg	360	35.	2
Benzaldehyde	ND		ug/kg	480	98.	2
Caprolactam	ND		ug/kg	360	110	2
Atrazine	ND		ug/kg	290	130	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	360	73.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	63		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 02:59		
Analyst:	KR		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	150	20.	1
Benzidine	ND		ug/kg	640	210	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	280		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	26	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 Date Collected: 01/05/16 10:25

Client ID: SB7_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	120		ug/kg	120	22.	1
Benzo(a)pyrene	100	J	ug/kg	150	47.	1
Benzo(b)fluoranthene	150		ug/kg	120	32.	1
Benzo(k)fluoranthene	51	J	ug/kg	120	31.	1
Chrysene	150		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	52	J	ug/kg	120	38.	1
Benzo(ghi)perylene	73	J	ug/kg	150	23.	1
Fluorene	28	J	ug/kg	190	19.	1
Phenanthrene	260		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	150	27.	1
Pyrene	250		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	32	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	72.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 Date Collected: 01/05/16 10:25

Client ID: SB7_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	620	200	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	20	J	ug/kg	190	19.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
Atrazine	ND		ug/kg	150	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	105		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	D	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 03:25			
Analyst:	KR			
Percent Solids:	93%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	55	J	ug/kg	280	37.	2
Benzidine	ND		ug/kg	1200	380	2
n-Nitrosodimethylamine	ND		ug/kg	710	68.	2
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	2
Hexachlorobenzene	ND		ug/kg	210	40.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	2
2-Chloronaphthalene	ND		ug/kg	350	35.	2
1,2-Dichlorobenzene	ND		ug/kg	350	64.	2
1,3-Dichlorobenzene	ND		ug/kg	350	61.	2
1,4-Dichlorobenzene	ND		ug/kg	350	62.	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	94.	2
2,4-Dinitrotoluene	ND		ug/kg	350	71.	2
2,6-Dinitrotoluene	ND		ug/kg	350	61.	2
Fluoranthene	1200		ug/kg	210	41.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	54.	2
Azobenzene	ND		ug/kg	350	34.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	2
Hexachlorobutadiene	ND		ug/kg	350	52.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	57.	2
Isophorone	ND		ug/kg	320	46.	2
Naphthalene	74	J	ug/kg	350	43.	2
Nitrobenzene	ND		ug/kg	320	52.	2
NDPA/DPA	ND		ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	55.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	2
Butyl benzyl phthalate	ND		ug/kg	350	89.	2
Di-n-butylphthalate	ND		ug/kg	350	67.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 D Date Collected: 01/05/16 11:20
Client ID: SB8_0-2 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	350	120	2
Diethyl phthalate	ND		ug/kg	350	33.	2
Dimethyl phthalate	ND		ug/kg	350	74.	2
Benzo(a)anthracene	750		ug/kg	210	40.	2
Benzo(a)pyrene	720		ug/kg	280	86.	2
Benzo(b)fluoranthene	930		ug/kg	210	60.	2
Benzo(k)fluoranthene	360		ug/kg	210	57.	2
Chrysene	780		ug/kg	210	37.	2
Acenaphthylene	94	J	ug/kg	280	55.	2
Anthracene	170	J	ug/kg	210	69.	2
Benzo(ghi)perylene	520		ug/kg	280	42.	2
Fluorene	53	J	ug/kg	350	34.	2
Phenanthrene	810		ug/kg	210	43.	2
Dibenzo(a,h)anthracene	120	J	ug/kg	210	41.	2
Indeno(1,2,3-cd)pyrene	470		ug/kg	280	49.	2
Pyrene	1400		ug/kg	210	35.	2
Biphenyl	ND		ug/kg	810	82.	2
4-Chloroaniline	ND		ug/kg	350	64.	2
2-Nitroaniline	ND		ug/kg	350	68.	2
3-Nitroaniline	ND		ug/kg	350	67.	2
4-Nitroaniline	ND		ug/kg	350	150	2
Dibenzofuran	ND		ug/kg	350	34.	2
2-Methylnaphthalene	190	J	ug/kg	420	43.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	37.	2
Acetophenone	ND		ug/kg	350	44.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	67.	2
p-Chloro-m-cresol	ND		ug/kg	350	53.	2
2-Chlorophenol	ND		ug/kg	350	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	57.	2
2,4-Dimethylphenol	ND		ug/kg	350	120	2
2-Nitrophenol	ND		ug/kg	760	130	2
4-Nitrophenol	ND		ug/kg	500	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	920	170	2
Pentachlorophenol	ND		ug/kg	280	78.	2
Phenol	ND		ug/kg	350	53.	2
2-Methylphenol	ND		ug/kg	350	55.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	510	55.	2
2,4,5-Trichlorophenol	ND		ug/kg	350	68.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 D
Client ID: SB8_0-2
Sample Location: BROOKLYN, NY

Date Collected: 01/05/16 11:20
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	1100	360	2
Benzyl Alcohol	ND		ug/kg	350	110	2
Carbazole	52	J	ug/kg	350	34.	2
Benzaldehyde	ND		ug/kg	470	96.	2
Caprolactam	ND		ug/kg	350	110	2
Atrazine	ND		ug/kg	280	120	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	350	72.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	45		10-136
4-Terphenyl-d14	50		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 03:51		
Analyst:	KR		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	42	J	ug/kg	140	19.	1
Benzidine	ND		ug/kg	600	200	1
n-Nitrosodimethylamine	ND		ug/kg	360	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Azobenzene	ND		ug/kg	180	17.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	55	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 Date Collected: 01/05/16 11:25

Client ID: SB8_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1100		ug/kg	110	20.	1
Benzo(a)pyrene	1600		ug/kg	140	44.	1
Benzo(b)fluoranthene	1900		ug/kg	110	31.	1
Benzo(k)fluoranthene	610		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	340		ug/kg	140	28.	1
Anthracene	300		ug/kg	110	36.	1
Benzo(ghi)perylene	1900		ug/kg	140	21.	1
Fluorene	63	J	ug/kg	180	18.	1
Phenanthrene	720		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	260		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	140	25.	1
Pyrene	1900		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	33	J	ug/kg	180	17.	1
2-Methylnaphthalene	100	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 Date Collected: 01/05/16 11:25

Client ID: SB8_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	74	J	ug/kg	180	18.	1
Benzaldehyde	ND		ug/kg	240	49.	1
Caprolactam	ND		ug/kg	180	55.	1
Atrazine	ND		ug/kg	140	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	76		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	D	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516		Date Received:	01/05/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/07/16 04:21
Analytical Date:	01/08/16 04:17			
Analyst:	KR			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	300	39.	2
Benzidine	ND		ug/kg	1200	400	2
n-Nitrosodimethylamine	ND		ug/kg	740	72.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	43.	2
Hexachlorobenzene	ND		ug/kg	220	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	50.	2
2-Chloronaphthalene	ND		ug/kg	370	37.	2
1,2-Dichlorobenzene	ND		ug/kg	370	67.	2
1,3-Dichlorobenzene	ND		ug/kg	370	64.	2
1,4-Dichlorobenzene	ND		ug/kg	370	65.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	64.	2
Fluoranthene	12000		ug/kg	220	43.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	40.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	57.	2
Azobenzene	ND		ug/kg	370	36.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	64.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	60.	2
Isophorone	ND		ug/kg	340	48.	2
Naphthalene	530		ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	340	55.	2
NDPA/DPA	ND		ug/kg	300	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	58.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	94.	2
Di-n-butylphthalate	100	J	ug/kg	370	71.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 D Date Collected: 01/05/16 00:00
Client ID: SODUP01_010516 Date Received: 01/05/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	370	130	2
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	78.	2
Benzo(a)anthracene	5800		ug/kg	220	42.	2
Benzo(a)pyrene	4900		ug/kg	300	91.	2
Benzo(b)fluoranthene	6200		ug/kg	220	63.	2
Benzo(k)fluoranthene	2200		ug/kg	220	60.	2
Chrysene	5600		ug/kg	220	39.	2
Acenaphthylene	420		ug/kg	300	58.	2
Anthracene	2300		ug/kg	220	73.	2
Benzo(ghi)perylene	2400		ug/kg	300	44.	2
Fluorene	1000		ug/kg	370	36.	2
Phenanthrene	11000		ug/kg	220	45.	2
Dibenzo(a,h)anthracene	670		ug/kg	220	43.	2
Indeno(1,2,3-cd)pyrene	2500		ug/kg	300	52.	2
Pyrene	12000		ug/kg	220	37.	2
Biphenyl	94	J	ug/kg	850	86.	2
4-Chloroaniline	ND		ug/kg	370	68.	2
2-Nitroaniline	ND		ug/kg	370	72.	2
3-Nitroaniline	ND		ug/kg	370	70.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	580		ug/kg	370	35.	2
2-Methylnaphthalene	350	J	ug/kg	450	45.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	39.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	71.	2
p-Chloro-m-cresol	ND		ug/kg	370	56.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	340	60.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	970	180	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	58.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	58.	2
2,4,5-Trichlorophenol	ND		ug/kg	370	71.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 D
Client ID: SODUP01_010516
Sample Location: BROOKLYN, NY

Date Collected: 01/05/16 00:00
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	990		ug/kg	370	36.	2
Benzaldehyde	ND		ug/kg	490	100	2
Caprolactam	ND		ug/kg	370	110	2
Atrazine	ND		ug/kg	300	130	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	370	75.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	77		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D	Extraction Date:	01/06/16 15:35
Analytical Date:	01/07/16 11:10		
Analyst:	JB		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66	1
Benzidine	ND		ug/l	20	8.1	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.67	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
Azobenzene	ND		ug/l	2.0	0.75	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	0.74	J	ug/l	5.0	0.60	1
Naphthalene	ND		ug/l	2.0	0.68	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.1	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-18 Date Collected: 01/05/16 15:00

Client ID: SOFB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
2-Methylphenol	ND		ug/l	5.0	1.0	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
Atrazine	ND		ug/l	10	1.8	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	86		41-149

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	01/06/16 15:38
Analytical Date:	01/08/16 17:48		
Analyst:	HL		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	101		41-149

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/07/16 09:52
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG855257-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.66
Benzidine	ND		ug/l	20	8.1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.67
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
1,2-Dichlorobenzene	ND		ug/l	2.0	0.73
1,3-Dichlorobenzene	ND		ug/l	2.0	0.73
1,4-Dichlorobenzene	ND		ug/l	2.0	0.71
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
Azobenzene	ND		ug/l	2.0	0.75
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Naphthalene	ND		ug/l	2.0	0.68
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/07/16 09:52
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG855257-1					
3-Nitroaniline	ND		ug/l	5.0	1.1
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
2-Methylphenol	ND		ug/l	5.0	1.0
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
Atrazine	ND		ug/l	10	1.8
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/07/16 09:52
Analyst: JB

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 18 Batch: WG855257-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	94		41-149

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/08/16 16:33
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18 Batch: WG855259-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/08/16 16:33
Analyst: HL

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 18 Batch: WG855259-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	108		41-149

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/16 12:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 01/07/16 04:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG855368-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
n-Nitrosodimethylamine	ND		ug/kg	330	32.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Azobenzene	ND		ug/kg	160	16.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/16 12:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 01/07/16 04:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG855368-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/16 12:06
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 01/07/16 04:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11-17 Batch: WG855368-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
Atrazine	ND		ug/kg	130	57.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	83		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/16 10:06
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/08/16 04:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG855695-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
n-Nitrosodimethylamine	ND		ug/kg	330	31.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Azobenzene	ND		ug/kg	160	16.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/16 10:06
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/08/16 04:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG855695-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/16 10:06
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/08/16 04:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07-08 Batch: WG855695-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
Atrazine	ND		ug/kg	130	57.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG855257-2 WG855257-3								
Acenaphthene	77		76		37-111	1		30
1,2,4-Trichlorobenzene	65		60		39-98	8		30
Benzidine	**5**	Q	**9**	Q	10-66	**52**	Q	30
n-Nitrosodimethylamine	44		48		22-100	9		30
Hexachlorobenzene	93		89		40-140	4		30
Bis(2-chloroethyl)ether	71		74		40-140	4		30
2-Chloronaphthalene	80		75		40-140	6		30
1,2-Dichlorobenzene	60		57		40-140	5		30
1,3-Dichlorobenzene	57		54		40-140	5		30
1,4-Dichlorobenzene	58		55		36-97	5		30
3,3'-Dichlorobenzidine	51		51		40-140	0		30
2,4-Dinitrotoluene	94		94		24-96	0		30
2,6-Dinitrotoluene	97		96		40-140	1		30
Azobenzene	84		82		40-140	2		30
Fluoranthene	87		86		40-140	1		30
4-Chlorophenyl phenyl ether	85		83		40-140	2		30
4-Bromophenyl phenyl ether	88		86		40-140	2		30
Bis(2-chloroisopropyl)ether	71		73		40-140	3		30
Bis(2-chloroethoxy)methane	82		83		40-140	1		30
Hexachlorobutadiene	63		55		40-140	14		30
Hexachlorocyclopentadiene	59		49		40-140	19		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG855257-2 WG855257-3								
Hexachloroethane	56		52		40-140	7		30
Isophorone	84		86		40-140	2		30
Naphthalene	69		66		40-140	4		30
Nitrobenzene	73		78		40-140	7		30
NitrosoDiPhenylAmine(NDPA)/DPA	85		85		40-140	0		30
n-Nitrosodi-n-propylamine	83		84		29-132	1		30
Bis(2-Ethylhexyl)phthalate	86		82		40-140	5		30
Butyl benzyl phthalate	82		80		40-140	2		30
Di-n-butylphthalate	86		83		40-140	4		30
Di-n-octylphthalate	84		82		40-140	2		30
Diethyl phthalate	87		85		40-140	2		30
Dimethyl phthalate	86		86		40-140	0		30
Benzo(a)anthracene	83		85		40-140	2		30
Benzo(a)pyrene	90		92		40-140	2		30
Benzo(b)fluoranthene	85		86		40-140	1		30
Benzo(k)fluoranthene	87		88		40-140	1		30
Chrysene	87		90		40-140	3		30
Acenaphthylene	82		79		45-123	4		30
Anthracene	85		85		40-140	0		30
Benzo(ghi)perylene	82		85		40-140	4		30
Fluorene	83		82		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG855257-2 WG855257-3								
Phenanthrene	85		85		40-140	0		30
Dibenzo(a,h)anthracene	83		84		40-140	1		30
Indeno(1,2,3-cd)Pyrene	81		84		40-140	4		30
Pyrene	83		84		26-127	1		30
Biphenyl	75		73		54-104	3		30
4-Chloroaniline	70		69		40-140	1		30
2-Nitroaniline	89		91		52-143	2		30
3-Nitroaniline	65		66		25-145	2		30
4-Nitroaniline	83		83		51-143	0		30
Dibenzofuran	81		80		40-140	1		30
2-Methylnaphthalene	75		69		40-140	8		30
1,2,4,5-Tetrachlorobenzene	73		67		2-134	9		30
Acetophenone	80		82		39-129	2		30
2,4,6-Trichlorophenol	87		87		30-130	0		30
P-Chloro-M-Cresol	86		87		23-97	1		30
2-Chlorophenol	72		75		27-123	4		30
2,4-Dichlorophenol	81		83		30-130	2		30
2,4-Dimethylphenol	77		77		30-130	0		30
2-Nitrophenol	83		87		30-130	5		30
4-Nitrophenol	58		57		10-80	2		30
2,4-Dinitrophenol	76		78		20-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 18 Batch: WG855257-2 WG855257-3								
4,6-Dinitro-o-cresol	88		88		20-164	0		30
Pentachlorophenol	92		90		9-103	2		30
Phenol	38		38		12-110	0		30
2-Methylphenol	70		72		30-130	3		30
3-Methylphenol/4-Methylphenol	70		71		30-130	1		30
2,4,5-Trichlorophenol	90		87		30-130	3		30
Benzoic Acid	37		31		10-110	18		30
Benzyl Alcohol	71		73		15-110	3		30
Carbazole	86		85		55-144	1		30
Benzaldehyde	76		80		40-140	5		30
Caprolactam	27		25		10-130	8		30
Atrazine	107		106		40-140	1		30
2,3,4,6-Tetrachlorophenol	92		90		54-145	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		52		21-120
Phenol-d6	38		38		10-120
Nitrobenzene-d5	80		82		23-120
2-Fluorobiphenyl	83		80		15-120
2,4,6-Tribromophenol	95		96		10-120
4-Terphenyl-d14	87		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18 Batch: WG855259-2 WG855259-3								
Acenaphthene	93		93		37-111	0		40
2-Chloronaphthalene	96		96		40-140	0		40
Fluoranthene	109		107		40-140	2		40
Hexachlorobutadiene	77		81		40-140	5		40
Naphthalene	84		84		40-140	0		40
Benzo(a)anthracene	110		107		40-140	3		40
Benzo(a)pyrene	114		113		40-140	1		40
Benzo(b)fluoranthene	109		110		40-140	1		40
Benzo(k)fluoranthene	105		103		40-140	2		40
Chrysene	103		101		40-140	2		40
Acenaphthylene	100		100		40-140	0		40
Anthracene	103		100		40-140	3		40
Benzo(ghi)perylene	118		117		40-140	1		40
Fluorene	101		100		40-140	1		40
Phenanthrene	104		101		40-140	3		40
Dibenzo(a,h)anthracene	122		120		40-140	2		40
Indeno(1,2,3-cd)Pyrene	126		123		40-140	2		40
Pyrene	106		103		26-127	3		40
2-Methylnaphthalene	89		89		40-140	0		40
Pentachlorophenol	96		98		9-103	2		40
Hexachlorobenzene	99		97		40-140	2		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 18 Batch: WG855259-2 WG855259-3								
Hexachloroethane	75		79		40-140	5		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		52		21-120
Phenol-d6	36		37		10-120
Nitrobenzene-d5	78		80		23-120
2-Fluorobiphenyl	86		87		15-120
2,4,6-Tribromophenol	106		102		10-120
4-Terphenyl-d14	94		93		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG855368-2 WG855368-3								
Acenaphthene	76		87		31-137	13		50
Benzidine	21		17		10-66	21		50
n-Nitrosodimethylamine	65		62		22-100	5		50
1,2,4-Trichlorobenzene	72		79		38-107	9		50
Hexachlorobenzene	69		78		40-140	12		50
Bis(2-chloroethyl)ether	74		86		40-140	15		50
2-Chloronaphthalene	76		84		40-140	10		50
1,2-Dichlorobenzene	74		81		40-140	9		50
1,3-Dichlorobenzene	70		77		40-140	10		50
1,4-Dichlorobenzene	71		78		28-104	9		50
3,3'-Dichlorobenzidine	41		40		40-140	2		50
2,4-Dinitrotoluene	87		**100**	Q	28-89	14		50
2,6-Dinitrotoluene	81		94		40-140	15		50
Fluoranthene	78		76		40-140	3		50
4-Chlorophenyl phenyl ether	74		85		40-140	14		50
4-Bromophenyl phenyl ether	71		80		40-140	12		50
Azobenzene	85		99		40-140	15		50
Bis(2-chloroisopropyl)ether	62		69		40-140	11		50
Bis(2-chloroethoxy)methane	79		91		40-117	14		50
Hexachlorobutadiene	71		77		40-140	8		50
Hexachlorocyclopentadiene	66		72		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG855368-2 WG855368-3								
Hexachloroethane	76		83		40-140	9		50
Isophorone	80		92		40-140	14		50
Naphthalene	75		85		40-140	13		50
Nitrobenzene	80		92		40-140	14		50
NitrosoDiPhenylAmine(NDPA)/DPA	78		85		36-157	9		50
n-Nitrosodi-n-propylamine	80		93		32-121	15		50
Bis(2-Ethylhexyl)phthalate	91		102		40-140	11		50
Butyl benzyl phthalate	101		92		40-140	9		50
Di-n-butylphthalate	86		82		40-140	5		50
Di-n-octylphthalate	85		102		40-140	18		50
Diethyl phthalate	81		95		40-140	16		50
Dimethyl phthalate	80		92		40-140	14		50
Benzo(a)anthracene	78		92		40-140	16		50
Benzo(a)pyrene	86		100		40-140	15		50
Benzo(b)fluoranthene	81		95		40-140	16		50
Benzo(k)fluoranthene	78		93		40-140	18		50
Chrysene	74		90		40-140	20		50
Acenaphthylene	80		88		40-140	10		50
Anthracene	79		93		40-140	16		50
Benzo(ghi)perylene	76		123		40-140	47		50
Fluorene	79		90		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG855368-2 WG855368-3								
Phenanthrene	76		90		40-140	17		50
Dibenzo(a,h)anthracene	79		96		40-140	19		50
Indeno(1,2,3-cd)Pyrene	76		94		40-140	21		50
Pyrene	78		74		35-142	5		50
Biphenyl	77		88		54-104	13		50
Aniline	43		40		40-140	7		50
4-Chloroaniline	86		94		40-140	9		50
2-Nitroaniline	86		98		47-134	13		50
3-Nitroaniline	52		52		26-129	0		50
4-Nitroaniline	78		89		41-125	13		50
Dibenzofuran	77		89		40-140	14		50
2-Methylnaphthalene	76		86		40-140	12		50
1,2,4,5-Tetrachlorobenzene	70		80		40-117	13		50
Acetophenone	82		94		14-144	14		50
2,4,6-Trichlorophenol	80		92		30-130	14		50
P-Chloro-M-Cresol	86		101		26-103	16		50
2-Chlorophenol	76		90		25-102	17		50
2,4-Dichlorophenol	82		94		30-130	14		50
2,4-Dimethylphenol	87		97		30-130	11		50
2-Nitrophenol	81		95		30-130	16		50
4-Nitrophenol	100		**116**	Q	11-114	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG855368-2 WG855368-3								
2,4-Dinitrophenol	73		89		4-130	20		50
4,6-Dinitro-o-cresol	78		92		10-130	16		50
Pentachlorophenol	72		86		17-109	18		50
Phenol	76		88		26-90	15		50
2-Methylphenol	81		94		30-130.	15		50
3-Methylphenol/4-Methylphenol	85		96		30-130	12		50
2,4,5-Trichlorophenol	80		94		30-130	16		50
Benzoic Acid	**68**	Q	**84**	Q	10-66	21		50
Benzyl Alcohol	88		101		40-140	14		50
Carbazole	79		87		54-128	10		50
Benzaldehyde	69		78		40-140	12		50
Caprolactam	77		93		15-130	19		50
Atrazine	90		106		40-140	16		50
2,3,4,6-Tetrachlorophenol	78		88		40-140	12		50
Pyridine	55		49		10-93	12		50
Parathion, ethyl	117		110		40-140	6		50
1-Methylnaphthalene	87		93		26-130	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-17 Batch: WG855368-2 WG855368-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		84		25-120
Phenol-d6	80		91		10-120
Nitrobenzene-d5	80		90		23-120
2-Fluorobiphenyl	73		82		30-120
2,4,6-Tribromophenol	64		79		10-136
4-Terphenyl-d14	76		67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG855695-2 WG855695-3								
Acenaphthene	75		88		31-137	16		50
Benzidine	**70**	Q	**70**	Q	10-66	0		50
n-Nitrosodimethylamine	55		62		22-100	12		50
1,2,4-Trichlorobenzene	73		85		38-107	15		50
Hexachlorobenzene	89		101		40-140	13		50
Bis(2-chloroethyl)ether	59		71		40-140	18		50
2-Chloronaphthalene	78		98		40-140	23		50
1,2-Dichlorobenzene	63		74		40-140	16		50
1,3-Dichlorobenzene	61		74		40-140	19		50
1,4-Dichlorobenzene	62		75		28-104	19		50
3,3'-Dichlorobenzidine	51		63		40-140	21		50
2,4-Dinitrotoluene	81		**101**	Q	28-89	22		50
2,6-Dinitrotoluene	82		105		40-140	25		50
Fluoranthene	79		94		40-140	17		50
4-Chlorophenyl phenyl ether	83		95		40-140	13		50
4-Bromophenyl phenyl ether	88		100		40-140	13		50
Azobenzene	98		109		40-140	11		50
Bis(2-chloroisopropyl)ether	62		75		40-140	19		50
Bis(2-chloroethoxy)methane	62		77		40-117	22		50
Hexachlorobutadiene	85		93		40-140	9		50
Hexachlorocyclopentadiene	86		110		40-140	24		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG855695-2 WG855695-3								
Hexachloroethane	74		84		40-140	13		50
Isophorone	68		84		40-140	21		50
Naphthalene	67		80		40-140	18		50
Nitrobenzene	80		89		40-140	11		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		96		36-157	13		50
n-Nitrosodi-n-propylamine	69		84		32-121	20		50
Bis(2-Ethylhexyl)phthalate	80		101		40-140	23		50
Butyl benzyl phthalate	89		100		40-140	12		50
Di-n-butylphthalate	86		100		40-140	15		50
Di-n-octylphthalate	86		104		40-140	19		50
Diethyl phthalate	92		101		40-140	9		50
Dimethyl phthalate	84		98		40-140	15		50
Benzo(a)anthracene	82		95		40-140	15		50
Benzo(a)pyrene	84		100		40-140	17		50
Benzo(b)fluoranthene	80		93		40-140	15		50
Benzo(k)fluoranthene	80		93		40-140	15		50
Chrysene	72		93		40-140	25		50
Acenaphthylene	83		102		40-140	21		50
Anthracene	81		97		40-140	18		50
Benzo(ghi)perylene	77		93		40-140	19		50
Fluorene	80		96		40-140	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG855695-2 WG855695-3								
Phenanthrene	75		90		40-140	18		50
Dibenzo(a,h)anthracene	76		96		40-140	23		50
Indeno(1,2,3-cd)Pyrene	81		96		40-140	17		50
Pyrene	80		94		35-142	16		50
Biphenyl	76		89		54-104	16		50
Aniline	48		60		40-140	22		50
4-Chloroaniline	104		124		40-140	18		50
2-Nitroaniline	80		105		47-134	27		50
3-Nitroaniline	62		82		26-129	28		50
4-Nitroaniline	75		96		41-125	25		50
Dibenzofuran	76		90		40-140	17		50
2-Methylnaphthalene	103		128		40-140	22		50
1,2,4,5-Tetrachlorobenzene	79		90		40-117	13		50
Acetophenone	75		89		14-144	17		50
2,4,6-Trichlorophenol	87		109		30-130	22		50
P-Chloro-M-Cresol	82		102		26-103	22		50
2-Chlorophenol	67		80		25-102	18		50
2,4-Dichlorophenol	83		98		30-130	17		50
2,4-Dimethylphenol	89		108		30-130	19		50
2-Nitrophenol	71		86		30-130	19		50
4-Nitrophenol	99		100		11-114	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG855695-2 WG855695-3								
2,4-Dinitrophenol	49		77		4-130	44		50
4,6-Dinitro-o-cresol	65		92		10-130	34		50
Pentachlorophenol	75		82		17-109	9		50
Phenol	66		81		26-90	20		50
2-Methylphenol	67		84		30-130.	23		50
3-Methylphenol/4-Methylphenol	65		88		30-130	30		50
2,4,5-Trichlorophenol	90		109		30-130	19		50
Benzoic Acid	31		30		10-66	3		50
Benzyl Alcohol	77		90		40-140	16		50
Carbazole	76		92		54-128	19		50
Benzaldehyde	56		66		40-140	16		50
Caprolactam	86		112		15-130	26		50
Atrazine	117		133		40-140	13		50
2,3,4,6-Tetrachlorophenol	88		102		40-140	15		50
Pyridine	51		61		10-93	18		50
Parathion, ethyl	101		119		40-140	16		50
1-Methylnaphthalene	100		109		26-130	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-08 Batch: WG855695-2 WG855695-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		68		25-120
Phenol-d6	61		73		10-120
Nitrobenzene-d5	68		78		23-120
2-Fluorobiphenyl	68		87		30-120
2,4,6-Tribromophenol	76		89		10-136
4-Terphenyl-d14	70		80		18-120

PCBS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-07	Date Collected:	01/05/16 10:35
Client ID:	SB4_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/06/16 14:20
Analytical Date:	01/07/16 20:47	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/06/16
Percent Solids:	95%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/07/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	2.75	1	A
Aroclor 1221	ND		ug/kg	34.8	3.21	1	A
Aroclor 1232	ND		ug/kg	34.8	4.08	1	A
Aroclor 1242	ND		ug/kg	34.8	4.26	1	A
Aroclor 1248	239		ug/kg	34.8	2.94	1	B
Aroclor 1254	225		ug/kg	34.8	2.86	1	B
Aroclor 1260	332		ug/kg	34.8	2.65	1	B
Aroclor 1262	ND		ug/kg	34.8	1.73	1	A
Aroclor 1268	ND		ug/kg	34.8	5.05	1	A
PCBs, Total	796		ug/kg	34.8	1.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/06/16 14:20
Analytical Date:	01/07/16 21:01	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/06/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/07/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	2.94	1	A
Aroclor 1221	ND		ug/kg	37.2	3.43	1	A
Aroclor 1232	ND		ug/kg	37.2	4.36	1	A
Aroclor 1242	ND		ug/kg	37.2	4.55	1	A
Aroclor 1248	ND		ug/kg	37.2	3.14	1	A
Aroclor 1254	5.06	J	ug/kg	37.2	3.06	1	B
Aroclor 1260	8.43	J	ug/kg	37.2	2.84	1	B
Aroclor 1262	ND		ug/kg	37.2	1.84	1	A
Aroclor 1268	ND		ug/kg	37.2	5.40	1	A
PCBs, Total	13.5	J	ug/kg	37.2	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 00:56	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	2.90	1	A
Aroclor 1221	ND		ug/kg	36.7	3.38	1	A
Aroclor 1232	ND		ug/kg	36.7	4.30	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	ND		ug/kg	36.7	3.10	1	A
Aroclor 1254	151		ug/kg	36.7	3.02	1	A
Aroclor 1260	123		ug/kg	36.7	2.80	1	A
Aroclor 1262	ND		ug/kg	36.7	1.82	1	A
Aroclor 1268	ND		ug/kg	36.7	5.32	1	A
PCBs, Total	274		ug/kg	36.7	1.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-12	Date Collected:	01/05/16 09:10
Client ID:	SB6_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 01:12	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.2	3.02	1	A
Aroclor 1221	ND		ug/kg	38.2	3.53	1	A
Aroclor 1232	ND		ug/kg	38.2	4.48	1	A
Aroclor 1242	ND		ug/kg	38.2	4.68	1	A
Aroclor 1248	ND		ug/kg	38.2	3.23	1	A
Aroclor 1254	5.41	J	ug/kg	38.2	3.14	1	A
Aroclor 1260	ND		ug/kg	38.2	2.92	1	A
Aroclor 1262	ND		ug/kg	38.2	1.90	1	A
Aroclor 1268	ND		ug/kg	38.2	5.55	1	A
PCBs, Total	5.41	J	ug/kg	38.2	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 01:27	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	91%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	2.81	1	A
Aroclor 1221	ND		ug/kg	35.6	3.28	1	A
Aroclor 1232	ND		ug/kg	35.6	4.17	1	A
Aroclor 1242	ND		ug/kg	35.6	4.36	1	A
Aroclor 1248	ND		ug/kg	35.6	3.00	1	A
Aroclor 1254	65.2		ug/kg	35.6	2.93	1	B
Aroclor 1260	35.8		ug/kg	35.6	2.71	1	B
Aroclor 1262	ND		ug/kg	35.6	1.76	1	A
Aroclor 1268	ND		ug/kg	35.6	5.16	1	A
PCBs, Total	101		ug/kg	35.6	1.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 01:42	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.5	3.04	1	A
Aroclor 1221	ND		ug/kg	38.5	3.55	1	A
Aroclor 1232	ND		ug/kg	38.5	4.52	1	A
Aroclor 1242	ND		ug/kg	38.5	4.72	1	A
Aroclor 1248	ND		ug/kg	38.5	3.25	1	A
Aroclor 1254	ND		ug/kg	38.5	3.17	1	A
Aroclor 1260	6.72	J	ug/kg	38.5	2.94	1	B
Aroclor 1262	ND		ug/kg	38.5	1.91	1	A
Aroclor 1268	ND		ug/kg	38.5	5.59	1	A
PCBs, Total	6.72	J	ug/kg	38.5	1.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 01:58	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.9	2.68	1	A
Aroclor 1221	ND		ug/kg	33.9	3.12	1	A
Aroclor 1232	ND		ug/kg	33.9	3.97	1	A
Aroclor 1242	ND		ug/kg	33.9	4.15	1	A
Aroclor 1248	ND		ug/kg	33.9	2.86	1	A
Aroclor 1254	14.7	J	ug/kg	33.9	2.78	1	B
Aroclor 1260	26.0	J	ug/kg	33.9	2.58	1	A
Aroclor 1262	ND		ug/kg	33.9	1.68	1	A
Aroclor 1268	14.6	J	ug/kg	33.9	4.91	1	B
PCBs, Total	55.3	J	ug/kg	33.9	1.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	36		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 02:13	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	2.92	1	A
Aroclor 1221	ND		ug/kg	36.9	3.40	1	A
Aroclor 1232	ND		ug/kg	36.9	4.33	1	A
Aroclor 1242	ND		ug/kg	36.9	4.52	1	A
Aroclor 1248	ND		ug/kg	36.9	3.12	1	A
Aroclor 1254	ND		ug/kg	36.9	3.03	1	A
Aroclor 1260	9.33	J	ug/kg	36.9	2.81	1	A
Aroclor 1262	ND		ug/kg	36.9	1.83	1	A
Aroclor 1268	45.0		ug/kg	36.9	5.35	1	A
PCBs, Total	54.3	J	ug/kg	36.9	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/08/16 14:43
Analytical Date:	01/09/16 02:29	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	01/08/16
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.33	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	153		ug/kg	37.0	3.04	1	B
Aroclor 1260	180		ug/kg	37.0	2.82	1	B
Aroclor 1262	ND		ug/kg	37.0	1.83	1	A
Aroclor 1268	ND		ug/kg	37.0	5.36	1	A
PCBs, Total	333		ug/kg	37.0	1.83	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	01/06/16 14:41
Analytical Date:	01/06/16 21:45	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/06/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	01/06/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.055	1	A
Aroclor 1221	ND		ug/l	0.083	0.053	1	A
Aroclor 1232	ND		ug/l	0.083	0.031	1	A
Aroclor 1242	ND		ug/l	0.083	0.060	1	A
Aroclor 1248	ND		ug/l	0.083	0.051	1	A
Aroclor 1254	ND		ug/l	0.083	0.034	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.029	1	A
Aroclor 1268	ND		ug/l	0.083	0.038	1	A
PCBs, Total	ND		ug/l	0.083	0.029	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600226

Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/06/16 21:04
Analyst: JT

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 14:41
Cleanup Method: EPA 3665A
Cleanup Date: 01/06/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/06/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 18 Batch: WG855238-1						
Aroclor 1016	ND		ug/l	0.083	0.055	A
Aroclor 1221	ND		ug/l	0.083	0.053	A
Aroclor 1232	ND		ug/l	0.083	0.031	A
Aroclor 1242	ND		ug/l	0.083	0.060	A
Aroclor 1248	ND		ug/l	0.083	0.051	A
Aroclor 1254	ND		ug/l	0.083	0.034	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.029	A
Aroclor 1268	ND		ug/l	0.083	0.038	A
PCBs, Total	ND		ug/l	0.083	0.029	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600226

Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/07/16 00:34
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 01/06/16 14:20
Cleanup Method: EPA 3665A
Cleanup Date: 01/06/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/06/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-08 Batch: WG855239-1						
Aroclor 1016	ND		ug/kg	33.2	2.62	A
Aroclor 1221	ND		ug/kg	33.2	3.06	A
Aroclor 1232	ND		ug/kg	33.2	3.88	A
Aroclor 1242	ND		ug/kg	33.2	4.06	A
Aroclor 1248	ND		ug/kg	33.2	2.80	A
Aroclor 1254	ND		ug/kg	33.2	2.72	A
Aroclor 1260	ND		ug/kg	33.2	2.53	A
Aroclor 1262	ND		ug/kg	33.2	1.64	A
Aroclor 1268	ND		ug/kg	33.2	4.81	A
PCBs, Total	ND		ug/kg	33.2	1.64	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	115		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600226

Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/09/16 00:10
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 01/08/16 14:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11-17 Batch: WG855869-1						
Aroclor 1016	ND		ug/kg	33.0	2.60	A
Aroclor 1221	ND		ug/kg	33.0	3.04	A
Aroclor 1232	ND		ug/kg	33.0	3.86	A
Aroclor 1242	ND		ug/kg	33.0	4.03	A
Aroclor 1248	ND		ug/kg	33.0	2.78	A
Aroclor 1254	ND		ug/kg	33.0	2.71	A
Aroclor 1260	ND		ug/kg	33.0	2.51	A
Aroclor 1262	ND		ug/kg	33.0	1.63	A
Aroclor 1268	ND		ug/kg	33.0	4.78	A
PCBs, Total	ND		ug/kg	33.0	1.63	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	53		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 18 Batch: WG855238-2 WG855238-3									
Aroclor 1016	86		91		40-140	5		50	A
Aroclor 1260	90		90		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		83		30-150	A
Decachlorobiphenyl	108		106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		88		30-150	B
Decachlorobiphenyl	123		121		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-08 Batch: WG855239-2 WG855239-3									
Aroclor 1016	77		82		40-140	6		50	A
Aroclor 1260	88		92		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		81		30-150	A
Decachlorobiphenyl	116		113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		86		30-150	B
Decachlorobiphenyl	123		122		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11-17 Batch: WG855869-2 WG855869-3									
Aroclor 1016	75		71		40-140	5		50	A
Aroclor 1260	68		67		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		60		30-150	A
Decachlorobiphenyl	52		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		57		30-150	B
Decachlorobiphenyl	52		49		30-150	B

PESTICIDES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-07	Date Collected:	01/05/16 10:35
Client ID:	SB4_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/09/16 20:25	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.703	0.314	1	A
Alpha-BHC	ND		ug/kg	0.703	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.640	1	A
Heptachlor	ND		ug/kg	0.844	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	3.51	PI	ug/kg	3.16	0.949	1	A
Endrin	11.5		ug/kg	0.703	0.288	1	B
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	19.6	PI	ug/kg	1.05	0.527	1	B
4,4'-DDE	ND		ug/kg	1.69	0.390	1	A
4,4'-DDD	ND		ug/kg	1.69	0.602	1	A
4,4'-DDT	ND		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.399	1	A
Endosulfan II	1.63	JPI	ug/kg	1.69	0.564	1	A
Endosulfan sulfate	1.29		ug/kg	0.703	0.335	1	A
Methoxychlor	ND		ug/kg	3.16	0.985	1	A
Toxaphene	ND		ug/kg	31.6	8.86	1	A
cis-Chlordane	ND		ug/kg	2.11	0.588	1	A
trans-Chlordane	ND		ug/kg	2.11	0.557	1	A
Chlordane	ND		ug/kg	13.7	5.59	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	56		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	48		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-07	Date Collected:	01/05/16 10:35
Client ID:	SB4_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 22:00		
Analyst:	EC		
Percent Solids:	95%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	175	11.0	1	A
2,4,5-T	ND		ug/kg	175	5.43	1	A
2,4,5-TP (Silvex)	ND		ug/kg	175	4.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	108		30-150	A
DCAA	94		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/09/16 20:41	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.752	0.336	1	A
Alpha-BHC	ND		ug/kg	0.752	0.214	1	A
Beta-BHC	ND		ug/kg	1.80	0.684	1	A
Heptachlor	ND		ug/kg	0.902	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.635	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.02	1	A
Endrin	ND		ug/kg	0.752	0.308	1	A
Endrin ketone	ND		ug/kg	1.80	0.465	1	A
Dieldrin	ND		ug/kg	1.13	0.564	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.644	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.603	1	A
Endosulfan sulfate	ND		ug/kg	0.752	0.358	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.48	1	A
cis-Chlordane	ND		ug/kg	2.26	0.629	1	A
trans-Chlordane	ND		ug/kg	2.26	0.596	1	A
Chlordane	ND		ug/kg	14.7	5.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	59		30-150	B
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	53		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-08	Date Collected:	01/05/16 10:40
Client ID:	SB4_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 22:19		
Analyst:	EC		
Percent Solids:	87%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	84		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/11/16 21:25	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.81	0.355	1	A
Lindane	ND		ug/kg	0.755	0.337	1	A
Alpha-BHC	ND		ug/kg	0.755	0.214	1	A
Beta-BHC	ND		ug/kg	1.81	0.687	1	A
Heptachlor	ND		ug/kg	0.906	0.406	1	A
Aldrin	ND		ug/kg	1.81	0.638	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.755	0.309	1	A
Endrin ketone	ND		ug/kg	1.81	0.466	1	A
Dieldrin	ND		ug/kg	1.13	0.566	1	A
4,4'-DDE	ND		ug/kg	1.81	0.419	1	A
4,4'-DDD	ND		ug/kg	1.81	0.646	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.81	0.428	1	A
Endosulfan II	ND		ug/kg	1.81	0.605	1	A
Endosulfan sulfate	ND		ug/kg	0.755	0.359	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.51	1	A
cis-Chlordane	ND		ug/kg	2.26	0.631	1	A
trans-Chlordane	ND		ug/kg	2.26	0.598	1	A
Chlordane	ND		ug/kg	14.7	6.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	121		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-11	Date Collected:	01/05/16 09:05
Client ID:	SB6_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 22:39		
Analyst:	EC		
Percent Solids:	86%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	190	12.0	1	A
2,4,5-T	ND		ug/kg	190	5.88	1	A
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	77		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-12	Date Collected:	01/05/16 09:10
Client ID:	SB6_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/09/16 21:13	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.353	1	A
Lindane	ND		ug/kg	0.751	0.336	1	A
Alpha-BHC	ND		ug/kg	0.751	0.213	1	A
Beta-BHC	ND		ug/kg	1.80	0.683	1	A
Heptachlor	ND		ug/kg	0.901	0.404	1	A
Aldrin	ND		ug/kg	1.80	0.634	1	A
Heptachlor epoxide	ND		ug/kg	3.38	1.01	1	A
Endrin	ND		ug/kg	0.751	0.308	1	A
Endrin ketone	ND		ug/kg	1.80	0.464	1	A
Dieldrin	ND		ug/kg	1.13	0.563	1	A
4,4'-DDE	ND		ug/kg	1.80	0.417	1	A
4,4'-DDD	ND		ug/kg	1.80	0.642	1	A
4,4'-DDT	ND		ug/kg	3.38	1.45	1	A
Endosulfan I	ND		ug/kg	1.80	0.426	1	A
Endosulfan II	ND		ug/kg	1.80	0.602	1	A
Endosulfan sulfate	ND		ug/kg	0.751	0.357	1	A
Methoxychlor	ND		ug/kg	3.38	1.05	1	A
Toxaphene	ND		ug/kg	33.8	9.46	1	A
cis-Chlordane	ND		ug/kg	2.25	0.628	1	A
trans-Chlordane	ND		ug/kg	2.25	0.594	1	A
Chlordane	ND		ug/kg	14.6	5.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	56		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-12	Date Collected:	01/05/16 09:10
Client ID:	SB6_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 22:59		
Analyst:	EC		
Percent Solids:	87%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	189	11.9	1	A
2,4,5-T	ND		ug/kg	189	5.85	1	A
2,4,5-TP (Silvex)	ND		ug/kg	189	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	107		30-150	A
DCAA	93		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/09/16 21:29	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.203	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	9.73	PI	ug/kg	1.07	0.535	1	B
4,4'-DDE	ND		ug/kg	1.71	0.396	1	A
4,4'-DDD	ND		ug/kg	1.71	0.611	1	A
4,4'-DDT	ND		ug/kg	3.21	1.38	1	A
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	1.36	JPI	ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	13.9	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	51		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-13	Date Collected:	01/05/16 10:20
Client ID:	SB7_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 23:18		
Analyst:	EC		
Percent Solids:	91%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	179	11.3	1	A
2,4,5-T	ND		ug/kg	179	5.56	1	A
2,4,5-TP (Silvex)	ND		ug/kg	179	4.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	118		30-150	A
DCAA	96		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/10/16 03:35	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	1.58	J	ug/kg	3.32	0.997	1	B
Endrin	ND		ug/kg	0.738	0.303	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	3.06	J	ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.419	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.585	1	A
Chlordane	ND		ug/kg	14.4	5.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	117		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	63		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-14	Date Collected:	01/05/16 10:25
Client ID:	SB7_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 23:38		
Analyst:	EC		
Percent Solids:	86%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	191	12.0	1	A
2,4,5-T	ND		ug/kg	191	5.92	1	A
2,4,5-TP (Silvex)	ND		ug/kg	191	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	89		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/10/16 03:51	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.691	0.309	1	A
Alpha-BHC	ND		ug/kg	0.691	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.829	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.933	1	A
Endrin	ND		ug/kg	0.691	0.283	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.518	1	A
4,4'-DDE	4.27	PI	ug/kg	1.66	0.383	1	B
4,4'-DDD	ND		ug/kg	1.66	0.591	1	A
4,4'-DDT	7.99	PI	ug/kg	3.11	1.33	1	B
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	1.84	PI	ug/kg	1.66	0.554	1	A
Endosulfan sulfate	ND		ug/kg	0.691	0.329	1	A
Methoxychlor	3.22	PI	ug/kg	3.11	0.967	1	A
Toxaphene	ND		ug/kg	31.1	8.70	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND		ug/kg	2.07	0.547	1	A
Chlordane	ND		ug/kg	13.5	5.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	145		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	131		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-15	Date Collected:	01/05/16 11:20
Client ID:	SB8_0-2	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/07/16 23:57		
Analyst:	EC		
Percent Solids:	93%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.46	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	103		30-150	A
DCAA	86		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/11/16 21:41	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.612	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.620	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.581	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.13	1	A
cis-Chlordane	ND		ug/kg	2.17	0.606	1	A
trans-Chlordane	ND		ug/kg	2.17	0.574	1	A
Chlordane	ND		ug/kg	14.1	5.76	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	**170**	Q	30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-16	Date Collected:	01/05/16 11:25
Client ID:	SB8_4-6	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/08/16 00:17		
Analyst:	EC		
Percent Solids:	89%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	186	11.7	1	A
2,4,5-T	ND		ug/kg	186	5.78	1	A
2,4,5-TP (Silvex)	ND		ug/kg	186	4.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	88		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/08/16 05:49
Analytical Date:	01/10/16 03:19	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.733	0.328	1	A
Alpha-BHC	ND		ug/kg	0.733	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.667	1	A
Heptachlor	ND		ug/kg	0.879	0.394	1	A
Aldrin	ND		ug/kg	1.76	0.619	1	A
Heptachlor epoxide	ND		ug/kg	3.30	0.989	1	A
Endrin	ND		ug/kg	0.733	0.300	1	A
Endrin ketone	35.8		ug/kg	1.76	0.453	1	B
Dieldrin	ND		ug/kg	1.10	0.550	1	A
4,4'-DDE	6.24	PI	ug/kg	1.76	0.407	1	B
4,4'-DDD	ND		ug/kg	1.76	0.627	1	A
4,4'-DDT	43.8	PI	ug/kg	3.30	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.416	1	A
Endosulfan II	3.32	PI	ug/kg	1.76	0.588	1	A
Endosulfan sulfate	3.08	PI	ug/kg	0.733	0.349	1	A
Methoxychlor	ND		ug/kg	3.30	1.02	1	A
Toxaphene	ND		ug/kg	33.0	9.23	1	A
cis-Chlordane	ND		ug/kg	2.20	0.613	1	A
trans-Chlordane	ND		ug/kg	2.20	0.580	1	A
Chlordane	ND		ug/kg	14.3	5.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	96		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	103		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-17	Date Collected:	01/05/16 00:00
Client ID:	SODUP01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 15:22
Analytical Date:	01/08/16 00:37		
Analyst:	EC		
Percent Solids:	89%		
Methylation Date:	01/07/16 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	96		30-150	A
DCAA	85		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	01/06/16 14:41
Analytical Date:	01/07/16 14:36	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/07/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.020	0.005	1	A
Lindane	ND		ug/l	0.020	0.004	1	A
Alpha-BHC	ND		ug/l	0.020	0.004	1	A
Beta-BHC	ND		ug/l	0.020	0.006	1	A
Heptachlor	ND		ug/l	0.020	0.003	1	A
Aldrin	ND		ug/l	0.020	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	1	A
Endrin	ND		ug/l	0.040	0.004	1	A
Endrin ketone	ND		ug/l	0.040	0.005	1	A
Dieldrin	ND		ug/l	0.040	0.004	1	A
4,4'-DDE	ND		ug/l	0.040	0.004	1	A
4,4'-DDD	ND		ug/l	0.040	0.005	1	A
4,4'-DDT	ND		ug/l	0.040	0.004	1	A
Endosulfan I	ND		ug/l	0.020	0.003	1	A
Endosulfan II	ND		ug/l	0.040	0.005	1	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	1	A
Methoxychlor	ND		ug/l	0.200	0.007	1	A
Toxaphene	ND		ug/l	0.200	0.063	1	A
cis-Chlordane	ND		ug/l	0.020	0.007	1	A
trans-Chlordane	ND		ug/l	0.020	0.006	1	A
Chlordane	ND		ug/l	0.200	0.046	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	122		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID:	L1600226-18	Date Collected:	01/05/16 15:00
Client ID:	SOFB01_010516	Date Received:	01/05/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/06/16 16:10
Analytical Date:	01/07/16 20:22		
Analyst:	EC		

Methylation Date: 01/07/16 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	67		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/07/16 13:48
Analyst: KE

Extraction Method: EPA 3510C
Extraction Date: 01/06/16 14:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/07/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 18 Batch: WG855237-1						
Delta-BHC	ND		ug/l	0.020	0.005	A
Lindane	ND		ug/l	0.020	0.004	A
Alpha-BHC	ND		ug/l	0.020	0.004	A
Beta-BHC	ND		ug/l	0.020	0.006	A
Heptachlor	ND		ug/l	0.020	0.003	A
Aldrin	ND		ug/l	0.020	0.002	A
Heptachlor epoxide	ND		ug/l	0.020	0.004	A
Endrin	ND		ug/l	0.040	0.004	A
Endrin ketone	ND		ug/l	0.040	0.005	A
Dieldrin	ND		ug/l	0.040	0.004	A
4,4'-DDE	ND		ug/l	0.040	0.004	A
4,4'-DDD	ND		ug/l	0.040	0.005	A
4,4'-DDT	ND		ug/l	0.040	0.004	A
Endosulfan I	ND		ug/l	0.020	0.003	A
Endosulfan II	ND		ug/l	0.040	0.005	A
Endosulfan sulfate	ND		ug/l	0.040	0.005	A
Methoxychlor	ND		ug/l	0.200	0.007	A
Toxaphene	ND		ug/l	0.200	0.063	A
cis-Chlordane	ND		ug/l	0.020	0.007	A
trans-Chlordane	ND		ug/l	0.020	0.006	A
Chlordane	ND		ug/l	0.200	0.046	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	121		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/07/16 20:42
Analyst: EC

Extraction Method: EPA 8151A
Extraction Date: 01/06/16 15:22

Methylation Date: 01/07/16 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 07-08,11-17 Batch: WG855252-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	76		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/07/16 18:44
Analyst: EC

Extraction Method: EPA 8151A
Extraction Date: 01/06/16 16:10

Methylation Date: 01/07/16 09:30

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 18 Batch: WG855271-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	66		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/09/16 19:37
Analyst: KE

Extraction Method: EPA 3546
Extraction Date: 01/08/16 05:49
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,11-17 Batch: WG855696-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.634	0.283	A
Alpha-BHC	ND		ug/kg	0.634	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.577	A
Heptachlor	ND		ug/kg	0.760	0.341	A
Aldrin	ND		ug/kg	1.52	0.535	A
Heptachlor epoxide	ND		ug/kg	2.85	0.856	A
Endrin	ND		ug/kg	0.634	0.260	A
Endrin ketone	ND		ug/kg	1.52	0.392	A
Dieldrin	ND		ug/kg	0.950	0.475	A
4,4'-DDE	ND		ug/kg	1.52	0.352	A
4,4'-DDD	ND		ug/kg	1.52	0.542	A
4,4'-DDT	ND		ug/kg	2.85	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.359	A
Endosulfan II	ND		ug/kg	1.52	0.508	A
Endosulfan sulfate	ND		ug/kg	0.634	0.302	A
Methoxychlor	ND		ug/kg	2.85	0.887	A
Toxaphene	ND		ug/kg	28.5	7.98	A
cis-Chlordane	ND		ug/kg	1.90	0.530	A
trans-Chlordane	ND		ug/kg	1.90	0.502	A
Chlordane	ND		ug/kg	12.4	5.04	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/09/16 19:37
Analyst: KE

Extraction Method: EPA 3546
Extraction Date: 01/08/16 05:49
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/16

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07-08,11-17 Batch: WG855696-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	85		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG855237-2 WG855237-3									
Delta-BHC	107		92		30-150	15		20	A
Lindane	99		87		30-150	12		20	A
Alpha-BHC	111		92		30-150	19		20	A
Beta-BHC	87		73		30-150	18		20	A
Heptachlor	101		85		30-150	17		20	A
Aldrin	95		82		30-150	15		20	A
Heptachlor epoxide	97		83		30-150	16		20	A
Endrin	126		107		30-150	16		20	A
Endrin ketone	110		97		30-150	13		20	A
Dieldrin	107		98		30-150	9		20	A
4,4'-DDE	102		89		30-150	14		20	A
4,4'-DDD	120		101		30-150	17		20	A
4,4'-DDT	130		112		30-150	15		20	A
Endosulfan I	127		94		30-150	**29**	Q	20	A
Endosulfan II	111		97		30-150	13		20	A
Endosulfan sulfate	94		85		30-150	11		20	A
Methoxychlor	132		111		30-150	17		20	A
cis-Chlordane	98		89		30-150	9		20	A
trans-Chlordane	106		92		30-150	14		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 18 Batch: WG855237-2 WG855237-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		77		30-150	A
Decachlorobiphenyl	112		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		69		30-150	B
Decachlorobiphenyl	127		116		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600226

Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855252-2 WG855252-3									
2,4-D	100		93		30-150	7		30	A
2,4,5-T	73		78		30-150	7		30	A
2,4,5-TP (Silvex)	83		87		30-150	5		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		88		30-150	A
DCAA	75		90		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600226

Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 18 Batch: WG855271-2 WG855271-3									
2,4-D	79		81		30-150	3		25	A
2,4,5-T	79		80		30-150	1		25	A
2,4,5-TP (Silvex)	92		92		30-150	0		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	84		83		30-150	A
DCAA	71		74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855696-2 WG855696-3									
Delta-BHC	78		80		30-150	3		30	A
Lindane	73		72		30-150	1		30	A
Alpha-BHC	77		76		30-150	1		30	A
Beta-BHC	71		78		30-150	9		30	A
Heptachlor	80		79		30-150	1		30	A
Aldrin	75		75		30-150	0		30	A
Heptachlor epoxide	71		69		30-150	3		30	A
Endrin	92		90		30-150	2		30	A
Endrin ketone	75		75		30-150	0		30	A
Dieldrin	83		83		30-150	0		30	A
4,4'-DDE	70		70		30-150	0		30	A
4,4'-DDD	90		87		30-150	3		30	A
4,4'-DDT	91		92		30-150	1		30	A
Endosulfan I	77		76		30-150	1		30	A
Endosulfan II	80		79		30-150	1		30	A
Endosulfan sulfate	71		73		30-150	3		30	A
Methoxychlor	85		87		30-150	2		30	A
cis-Chlordane	73		73		30-150	0		30	A
trans-Chlordane	76		78		30-150	3		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855696-2 WG855696-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		64		30-150	B
Decachlorobiphenyl	82		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		76		30-150	A
Decachlorobiphenyl	71		72		30-150	A

METALS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07 Date Collected: 01/05/16 10:35

Client ID: SB4_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2400		mg/kg	8.4	1.7	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.2	0.67	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Arsenic, Total	6.6		mg/kg	0.84	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Barium, Total	41		mg/kg	0.84	0.25	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.42	0.08	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.84	0.06	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Calcium, Total	160000		mg/kg	84	25.	20	01/06/16 05:00	01/06/16 19:02	EPA 3050B	1,6010C	PS
Chromium, Total	4.5		mg/kg	0.84	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Cobalt, Total	3.5		mg/kg	1.7	0.42	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Copper, Total	54		mg/kg	0.84	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Iron, Total	12000		mg/kg	4.2	1.7	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Lead, Total	83		mg/kg	4.2	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Magnesium, Total	69000		mg/kg	8.4	0.84	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Manganese, Total	190		mg/kg	0.84	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Mercury, Total	0.28		mg/kg	0.07	0.01	1	01/06/16 07:55	01/06/16 13:40	EPA 7471B	1,7471B	DB
Nickel, Total	6.8		mg/kg	2.1	0.33	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Potassium, Total	440		mg/kg	210	33.	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.25	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.84	0.17	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Sodium, Total	320		mg/kg	170	25.	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.33	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.84	0.08	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS
Zinc, Total	42		mg/kg	4.2	0.58	2	01/06/16 05:00	01/06/16 17:08	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08 Date Collected: 01/05/16 10:40

Client ID: SB4_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8600		mg/kg	9.0	1.8	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.5	0.72	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Arsenic, Total	11		mg/kg	0.90	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Barium, Total	57		mg/kg	0.90	0.27	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Beryllium, Total	0.30	J	mg/kg	0.45	0.09	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.90	0.06	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Calcium, Total	62000		mg/kg	9.0	2.7	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Chromium, Total	11		mg/kg	0.90	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Cobalt, Total	3.1		mg/kg	1.8	0.45	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Copper, Total	17		mg/kg	0.90	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Iron, Total	10000		mg/kg	4.5	1.8	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Lead, Total	100		mg/kg	4.5	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Magnesium, Total	4900		mg/kg	9.0	0.90	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Manganese, Total	270		mg/kg	0.90	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Mercury, Total	0.08		mg/kg	0.07	0.02	1	01/06/16 07:55	01/06/16 13:41	EPA 7471B	1,7471B	DB
Nickel, Total	9.4		mg/kg	2.2	0.36	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Potassium, Total	1200		mg/kg	220	36.	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Selenium, Total	0.85	J	mg/kg	1.8	0.27	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.90	0.18	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Sodium, Total	1100		mg/kg	180	27.	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Vanadium, Total	22		mg/kg	0.90	0.09	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS
Zinc, Total	34		mg/kg	4.5	0.63	2	01/06/16 05:00	01/06/16 17:12	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11 Date Collected: 01/05/16 09:05

Client ID: SB6_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2700		mg/kg	9.1	1.8	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Antimony, Total	3.0	J	mg/kg	4.6	0.73	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Arsenic, Total	15		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Barium, Total	160		mg/kg	0.91	0.27	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Beryllium, Total	0.19	J	mg/kg	0.46	0.09	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Cadmium, Total	19		mg/kg	0.91	0.06	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Calcium, Total	87000		mg/kg	9.1	2.7	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Chromium, Total	13		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Cobalt, Total	4.1		mg/kg	1.8	0.46	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Copper, Total	640		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Iron, Total	15000		mg/kg	4.6	1.8	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Lead, Total	250		mg/kg	4.6	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Magnesium, Total	47000		mg/kg	9.1	0.91	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Manganese, Total	210		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Mercury, Total	0.78		mg/kg	0.07	0.02	1	01/06/16 07:55	01/06/16 13:51	EPA 7471B	1,7471B	DB
Nickel, Total	27		mg/kg	2.3	0.36	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Potassium, Total	400		mg/kg	230	36.	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Selenium, Total	0.64	J	mg/kg	1.8	0.27	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Silver, Total	0.27	J	mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Sodium, Total	210		mg/kg	180	27.	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Vanadium, Total	22		mg/kg	0.91	0.09	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS
Zinc, Total	290		mg/kg	4.6	0.64	2	01/06/16 05:00	01/06/16 17:24	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12 Date Collected: 01/05/16 09:10

Client ID: SB6_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9500		mg/kg	9.1	1.8	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.5	0.73	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Arsenic, Total	9.6		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Barium, Total	63		mg/kg	0.91	0.27	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Beryllium, Total	0.41	J	mg/kg	0.45	0.09	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.91	0.06	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Calcium, Total	36000		mg/kg	9.1	2.7	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Chromium, Total	9.5		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Cobalt, Total	3.2		mg/kg	1.8	0.45	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Copper, Total	18		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Iron, Total	12000		mg/kg	4.5	1.8	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Lead, Total	25		mg/kg	4.5	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Magnesium, Total	7800		mg/kg	9.1	0.91	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Manganese, Total	540		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Mercury, Total	0.14		mg/kg	0.07	0.02	1	01/06/16 07:55	01/06/16 13:53	EPA 7471B	1,7471B	DB
Nickel, Total	6.6		mg/kg	2.3	0.36	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Potassium, Total	980		mg/kg	230	36.	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.27	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.91	0.18	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Sodium, Total	1200		mg/kg	180	27.	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Vanadium, Total	20		mg/kg	0.91	0.09	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS
Zinc, Total	38		mg/kg	4.5	0.64	2	01/06/16 05:00	01/06/16 17:28	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13 Date Collected: 01/05/16 10:20

Client ID: SB7_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	8.6	1.7	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Antimony, Total	1.2	J	mg/kg	4.3	0.69	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Arsenic, Total	8.8		mg/kg	0.86	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Barium, Total	86		mg/kg	0.86	0.26	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Beryllium, Total	0.18	J	mg/kg	0.43	0.09	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Cadmium, Total	0.16	J	mg/kg	0.86	0.06	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Calcium, Total	69000		mg/kg	8.6	2.6	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Chromium, Total	8.3		mg/kg	0.86	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Cobalt, Total	3.4		mg/kg	1.7	0.43	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Copper, Total	370		mg/kg	0.86	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Iron, Total	13000		mg/kg	4.3	1.7	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Lead, Total	170		mg/kg	4.3	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Magnesium, Total	31000		mg/kg	8.6	0.86	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Manganese, Total	180		mg/kg	0.86	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Mercury, Total	0.13		mg/kg	0.08	0.02	1	01/06/16 07:55	01/06/16 13:55	EPA 7471B	1,7471B	DB
Nickel, Total	9.0		mg/kg	2.2	0.34	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Potassium, Total	550		mg/kg	220	34.	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.26	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.86	0.17	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Sodium, Total	550		mg/kg	170	26.	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.34	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Vanadium, Total	30		mg/kg	0.86	0.09	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS
Zinc, Total	86		mg/kg	4.3	0.60	2	01/06/16 05:00	01/06/16 17:49	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14 Date Collected: 01/05/16 10:25

Client ID: SB7_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9700		mg/kg	9.2	1.8	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.6	0.74	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Arsenic, Total	9.5		mg/kg	0.92	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Barium, Total	54		mg/kg	0.92	0.28	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Beryllium, Total	0.42	J	mg/kg	0.46	0.09	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Cadmium, Total	0.80	J	mg/kg	0.92	0.07	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Calcium, Total	43000		mg/kg	9.2	2.8	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Chromium, Total	9.6		mg/kg	0.92	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Cobalt, Total	2.8		mg/kg	1.8	0.46	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Copper, Total	38		mg/kg	0.92	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Iron, Total	9200		mg/kg	4.6	1.8	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Lead, Total	19		mg/kg	4.6	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Magnesium, Total	5600		mg/kg	9.2	0.92	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Manganese, Total	150		mg/kg	0.92	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Mercury, Total	0.08		mg/kg	0.08	0.02	1	01/06/16 07:55	01/06/16 13:57	EPA 7471B	1,7471B	DB
Nickel, Total	9.8		mg/kg	2.3	0.37	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Potassium, Total	870		mg/kg	230	37.	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.28	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.92	0.18	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Sodium, Total	1100		mg/kg	180	28.	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.37	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Vanadium, Total	19		mg/kg	0.92	0.09	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS
Zinc, Total	100		mg/kg	4.6	0.65	2	01/06/16 05:00	01/06/16 17:53	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15 Date Collected: 01/05/16 11:20

Client ID: SB8_0-2 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3900		mg/kg	8.5	1.7	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Antimony, Total	6.7		mg/kg	4.2	0.68	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Arsenic, Total	35		mg/kg	0.85	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Barium, Total	380		mg/kg	0.85	0.25	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.42	0.09	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.85	0.06	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Calcium, Total	29000		mg/kg	8.5	2.5	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Chromium, Total	25		mg/kg	0.85	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Cobalt, Total	10		mg/kg	1.7	0.42	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Copper, Total	180		mg/kg	0.85	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Iron, Total	150000		mg/kg	42	17.	20	01/06/16 05:00	01/07/16 10:04	EPA 3050B	1,6010C	PS
Lead, Total	380		mg/kg	4.2	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Magnesium, Total	6600		mg/kg	8.5	0.85	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Manganese, Total	220		mg/kg	0.85	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Mercury, Total	1.9		mg/kg	0.07	0.02	1	01/06/16 07:55	01/06/16 13:58	EPA 7471B	1,7471B	DB
Nickel, Total	20		mg/kg	2.1	0.34	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Potassium, Total	620		mg/kg	210	34.	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.25	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Silver, Total	0.20	J	mg/kg	0.85	0.17	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Sodium, Total	510		mg/kg	170	25.	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.34	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Vanadium, Total	27		mg/kg	0.85	0.09	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS
Zinc, Total	370		mg/kg	4.2	0.59	2	01/06/16 05:00	01/06/16 17:57	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16 Date Collected: 01/05/16 11:25

Client ID: SB8_4-6 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6300		mg/kg	8.7	1.7	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Antimony, Total	8.0		mg/kg	4.3	0.69	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.87	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Barium, Total	660		mg/kg	0.87	0.26	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Beryllium, Total	0.23	J	mg/kg	0.43	0.09	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Cadmium, Total	0.89		mg/kg	0.87	0.06	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Calcium, Total	37000		mg/kg	8.7	2.6	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Chromium, Total	28		mg/kg	0.87	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Cobalt, Total	4.6		mg/kg	1.7	0.43	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Copper, Total	260		mg/kg	0.87	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Iron, Total	27000		mg/kg	4.3	1.7	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Lead, Total	600		mg/kg	4.3	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Magnesium, Total	9600		mg/kg	8.7	0.87	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Manganese, Total	290		mg/kg	0.87	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Mercury, Total	0.84		mg/kg	0.08	0.02	1	01/06/16 07:55	01/06/16 14:01	EPA 7471B	1,7471B	DB
Nickel, Total	22		mg/kg	2.2	0.35	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Potassium, Total	770		mg/kg	220	35.	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.7	0.26	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Silver, Total	0.49	J	mg/kg	0.87	0.17	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Sodium, Total	720		mg/kg	170	26.	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.35	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Vanadium, Total	45		mg/kg	0.87	0.09	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS
Zinc, Total	990		mg/kg	4.3	0.61	2	01/06/16 05:00	01/06/16 18:01	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17 Date Collected: 01/05/16 00:00

Client ID: SODUP01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	3800		mg/kg	8.8	1.8	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Antimony, Total	3.2	J	mg/kg	4.4	0.71	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Arsenic, Total	17		mg/kg	0.88	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Barium, Total	270		mg/kg	0.88	0.26	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.44	0.09	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Cadmium, Total	16		mg/kg	0.88	0.06	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Calcium, Total	66000		mg/kg	8.8	2.6	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Chromium, Total	17		mg/kg	0.88	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Cobalt, Total	4.5		mg/kg	1.8	0.44	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Copper, Total	750		mg/kg	0.88	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Iron, Total	21000		mg/kg	4.4	1.8	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Lead, Total	270		mg/kg	4.4	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Magnesium, Total	34000		mg/kg	8.8	0.88	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Manganese, Total	230		mg/kg	0.88	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Mercury, Total	0.74		mg/kg	0.07	0.02	1	01/06/16 07:55	01/06/16 14:03	EPA 7471B	1,7471B	DB
Nickel, Total	31		mg/kg	2.2	0.35	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Potassium, Total	470		mg/kg	220	35.	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Selenium, Total	0.66	J	mg/kg	1.8	0.26	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Silver, Total	0.23	J	mg/kg	0.88	0.18	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Sodium, Total	280		mg/kg	180	26.	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.35	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	0.88	0.09	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS
Zinc, Total	350		mg/kg	4.4	0.62	2	01/06/16 05:00	01/06/16 18:05	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-18 Date Collected: 01/05/16 15:00

Client ID: SOFB01_010516 Date Received: 01/05/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	0.00176	J	mg/l	0.0100	0.00169	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Antimony, Total	0.00085	J	mg/l	0.00200	0.00006	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Barium, Total	0.00008	J	mg/l	0.00050	0.00006	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Calcium, Total	0.0332	J	mg/l	0.100	0.0320	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Chromium, Total	0.00044	J	mg/l	0.00100	0.00025	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Magnesium, Total	ND		mg/l	0.0700	0.0223	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/06/16 09:26	01/06/16 18:12	EPA 7470A	1,7470A	EA
Nickel, Total	0.00077	J	mg/l	0.00200	0.00008	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Potassium, Total	ND		mg/l	0.100	0.0193	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Silver, Total	ND		mg/l	0.00025	0.00007	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Sodium, Total	ND		mg/l	0.100	0.0161	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Thallium, Total	ND		mg/l	0.00020	0.00005	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	01/06/16 08:40	01/06/16 13:42	EPA 3005A	1,6020A	KL

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01,07-08,11-17 Batch: WG855041-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/06/16 07:55	01/06/16 13:09	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 07-08,11-17 Batch: WG855063-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.32	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.12	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.04	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.03	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.2	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.20	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.80	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.40	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.16	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Potassium, Total	ND		mg/kg	100	16.	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.12	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.08	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Sodium, Total	ND		mg/kg	80	12.	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.16	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.04	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.28	1	01/06/16 05:00	01/06/16 15:21	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 18 Batch: WG855102-1										
Aluminum, Total	ND		mg/l	0.0100	0.00169	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Antimony, Total	0.00007	J	mg/l	0.00200	0.00006	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Arsenic, Total	ND		mg/l	0.00050	0.00012	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Barium, Total	ND		mg/l	0.00050	0.00006	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Beryllium, Total	ND		mg/l	0.00050	0.00015	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Calcium, Total	ND		mg/l	0.100	0.0320	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Chromium, Total	0.00036	J	mg/l	0.00100	0.00025	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Cobalt, Total	ND		mg/l	0.00020	0.00006	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Copper, Total	ND		mg/l	0.00100	0.00026	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Iron, Total	ND		mg/l	0.0500	0.0120	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Lead, Total	ND		mg/l	0.00100	0.00012	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Magnesium, Total	ND		mg/l	0.0700	0.0223	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Nickel, Total	0.00133	J	mg/l	0.00200	0.00008	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Potassium, Total	ND		mg/l	0.100	0.0193	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Selenium, Total	ND		mg/l	0.00500	0.00100	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Silver, Total	ND		mg/l	0.00040	0.00007	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Sodium, Total	ND		mg/l	0.100	0.0161	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Thallium, Total	ND		mg/l	0.00050	0.00005	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Vanadium, Total	ND		mg/l	0.00500	0.00055	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL
Zinc, Total	ND		mg/l	0.01000	0.00256	1	01/06/16 08:40	01/06/16 13:31	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 18 Batch: WG855131-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	01/06/16 09:26	01/06/16 18:00	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,07-08,11-17 Batch: WG855041-2 SRM Lot Number: D088-540								
Mercury, Total	118		-		72-128	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855063-2 SRM Lot Number: D088-540					
Aluminum, Total	69	-	48-151	-	
Antimony, Total	168	-	1-208	-	
Arsenic, Total	88	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	88	-	83-117	-	
Cadmium, Total	89	-	83-117	-	
Calcium, Total	82	-	81-119	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	88	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	82	-	45-155	-	
Lead, Total	88	-	81-117	-	
Magnesium, Total	78	-	76-124	-	
Manganese, Total	81	-	81-118	-	
Nickel, Total	93	-	83-117	-	
Potassium, Total	79	-	71-129	-	
Selenium, Total	86	-	78-122	-	
Silver, Total	88	-	75-124	-	
Sodium, Total	84	-	72-127	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	87	-	78-122	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855063-2 SRM Lot Number: D088-540					
Zinc, Total	88	-	82-118	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 Batch: WG855102-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	88	-	80-120	-	
Arsenic, Total	93	-	80-120	-	
Barium, Total	96	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	103	-	80-120	-	
Calcium, Total	93	-	80-120	-	
Chromium, Total	97	-	80-120	-	
Cobalt, Total	94	-	80-120	-	
Copper, Total	98	-	80-120	-	
Iron, Total	95	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	105	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	98	-	80-120	-	
Potassium, Total	94	-	80-120	-	
Selenium, Total	91	-	80-120	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	96	-	80-120	-	
Vanadium, Total	103	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 Batch: WG855102-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 18 Batch: WG855131-2					
Mercury, Total	120	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,07-08,11-17 QC Batch ID: WG855041-4 QC Sample: L1600226-01 Client ID: HOLD_1S												
Mercury, Total	0.13	0.133	0.30	**128**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08,11-17 QC Batch ID: WG855063-4 QC Sample: L1600196-06 Client ID: MS Sample										
Aluminum, Total	3000	165	4200	**727**	Q	-	-	75-125	-	20
Antimony, Total	ND	41.2	44	107		-	-	75-125	-	20
Arsenic, Total	1.2	9.9	11	99		-	-	75-125	-	20
Barium, Total	10.	165	170	97		-	-	75-125	-	20
Beryllium, Total	0.06J	4.12	4.2	102		-	-	75-125	-	20
Cadmium, Total	ND	4.21	4.3	102		-	-	75-125	-	20
Calcium, Total	560	825	1400	102		-	-	75-125	-	20
Chromium, Total	5.6	16.5	22	99		-	-	75-125	-	20
Cobalt, Total	0.93	41.2	40	95		-	-	75-125	-	20
Copper, Total	56.	20.6	97	**199**	Q	-	-	75-125	-	20
Iron, Total	3600	82.5	4000	**485**	Q	-	-	75-125	-	20
Lead, Total	7.7	42.1	49	98		-	-	75-125	-	20
Magnesium, Total	290	825	1200	110		-	-	75-125	-	20
Manganese, Total	28.	41.2	64	87		-	-	75-125	-	20
Nickel, Total	1.8	41.2	42	97		-	-	75-125	-	20
Potassium, Total	100J	825	930	113		-	-	75-125	-	20
Selenium, Total	ND	9.9	9.2	93		-	-	75-125	-	20
Silver, Total	ND	24.7	27	109		-	-	75-125	-	20
Sodium, Total	18.J	825	880	107		-	-	75-125	-	20
Thallium, Total	ND	9.9	9.9	100		-	-	75-125	-	20
Vanadium, Total	6.2	41.2	52	111		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 07-08,11-17 QC Batch ID: WG855063-4 QC Sample: L1600196-06 Client ID: MS Sample									
Zinc, Total	30.	41.2	75	109	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855102-4 QC Sample: L1600226-18 Client ID: SOFB01_010516									
Aluminum, Total	0.00176J	2	1.94	97	-	-	75-125	-	20
Antimony, Total	0.00085J	0.5	0.4567	91	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1166	97	-	-	75-125	-	20
Barium, Total	0.00008J	2	1.893	95	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05006	100	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05441	107	-	-	75-125	-	20
Calcium, Total	0.0332J	10	9.55	96	-	-	75-125	-	20
Chromium, Total	0.00044J	0.2	0.1833	92	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.4708	94	-	-	75-125	-	20
Copper, Total	ND	0.25	0.2516	101	-	-	75-125	-	20
Iron, Total	ND	1	0.941	94	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5150	101	-	-	75-125	-	20
Magnesium, Total	ND	10	10.6	106	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.4755	95	-	-	75-125	-	20
Nickel, Total	0.00077J	0.5	0.4912	98	-	-	75-125	-	20
Potassium, Total	ND	10	9.44	94	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.140	117	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04816	96	-	-	75-125	-	20
Sodium, Total	ND	10	10.6	106	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1183	98	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4962	99	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855102-4 QC Sample: L1600226-18 Client ID: SOFB01_010516									
Zinc, Total	ND	0.5	0.4989	100	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855131-4 QC Sample: L1600106-01 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00507	102	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01,07-08,11-17 QC Batch ID: WG855041-3 QC Sample: L1600226-01 Client ID: HOLD_1S						
Mercury, Total	0.13	0.10	mg/kg	**26**	Q	20
Total Metals - Westborough Lab Associated sample(s): 07-08,11-17 QC Batch ID: WG855063-3 QC Sample: L1600196-06 Client ID: DUP Sample						
Arsenic, Total	1.2	1.6	mg/kg	**29**	Q	20
Barium, Total	10.	8.9	mg/kg	12		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	5.6	5.4	mg/kg	4		20
Lead, Total	7.7	9.8	mg/kg	**24**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855102-3 QC Sample: L1600226-18 Client ID: SOFB01_010516					
Aluminum, Total	0.00176J	0.00202J	mg/l	NC	20
Antimony, Total	0.00085J	0.00034J	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.00008J	0.00010J	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	0.0332J	ND	mg/l	NC	20
Chromium, Total	0.00044J	0.00058J	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	0.00077J	0.00211	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855102-3 QC Sample: L1600226-18 Client ID: SOFB01_010516					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855131-3 QC Sample: L1600106-01 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-07
Client ID: SB4_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 10:35
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	4.5		mg/kg	0.84	0.84	1	-	01/08/16 12:58	107,-	
Solids, Total	94.6		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.0	0.34	2	01/06/16 19:50	01/12/16 11:53	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.84	0.17	1	01/07/16 14:32	01/08/16 12:58	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-08
Client ID: SB4_4-6
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 10:40
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	11		mg/kg	0.92	0.92	1	-	01/08/16 13:00	107,-	
Solids, Total	86.8		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.19	1	01/06/16 19:50	01/12/16 11:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	01/07/16 14:32	01/08/16 13:00	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-11
Client ID: SB6_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 09:05
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	13		mg/kg	0.93	0.93	1	-	01/08/16 13:01	107,-	
Solids, Total	85.8		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	1.0	J	mg/kg	2.2	0.37	2	01/06/16 19:50	01/12/16 11:55	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.93	0.19	1	01/07/16 14:32	01/08/16 13:01	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-12
Client ID: SB6_4-6
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 09:10
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	9.5		mg/kg	0.92	0.92	1	-	01/08/16 13:03	107,-	
Solids, Total	86.5		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	ND		mg/kg	1.1	0.18	1	01/06/16 19:50	01/12/16 11:26	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	01/07/16 14:32	01/08/16 13:03	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-13
Client ID: SB7_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 10:20
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	8.1	J	mg/kg	0.88	0.88	1	-	01/08/16 13:04	107,-	
Solids, Total	91.2		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.1	0.35	2	01/06/16 19:50	01/12/16 11:56	1,9010C/9012B	JO
Chromium, Hexavalent	0.23	J	mg/kg	0.88	0.18	1	01/07/16 14:32	01/08/16 13:04	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-14
Client ID: SB7_4-6
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 10:25
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	9.6		mg/kg	0.93	0.93	1	-	01/08/16 13:05	107,-	
Solids, Total	86.0		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.3	0.38	2	01/06/16 19:50	01/12/16 12:21	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.93	0.19	1	01/07/16 14:32	01/08/16 13:05	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-15
Client ID: SB8_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 11:20
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	25		mg/kg	0.86	0.86	1	-	01/08/16 13:06	107,-	
Solids, Total	93.2		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	0.86	J	mg/kg	2.1	0.35	2	01/06/16 19:50	01/12/16 11:59	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	01/07/16 14:32	01/08/16 13:06	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-16
Client ID: SB8_4-6
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 11:25
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	28		mg/kg	0.90	0.90	1	-	01/08/16 13:07	107,-	
Solids, Total	89.0		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	0.79	J	mg/kg	2.2	0.36	2	01/06/16 19:50	01/12/16 12:00	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	01/07/16 14:32	01/08/16 13:07	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-17
Client ID: SODUP01_010516
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/05/16 00:00
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	17		mg/kg	0.90	0.90	1	-	01/08/16 13:09	107,-	
Solids, Total	88.9		%	0.100	NA	1	-	01/06/16 01:10	30,2540G	RT
Cyanide, Total	2.0		mg/kg	1.1	0.18	1	01/06/16 19:50	01/12/16 11:33	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	01/07/16 14:32	01/08/16 13:09	1,7196A	AL

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

SAMPLE RESULTS

Lab ID: L1600226-18
Client ID: SOFB01_010516
Sample Location: BROOKLYN, NY
Matrix: Water

Date Collected: 01/05/16 15:00
Date Received: 01/05/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	ND		mg/l	0.010	0.010	1	-	01/06/16 13:42	107,-	
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	01/08/16 21:00	01/11/16 14:33	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/06/16 01:40	01/06/16 01:59	1,7196A	LH

Project Name: GREENPOINT LANDING-TEMP.ACCE **Lab Number:** L1600226

Project Number: 170229002 **Report Date:** 01/14/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 18 Batch: WG855034-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	01/06/16 01:40	01/06/16 01:58	1,7196A	LH
General Chemistry - Westborough Lab for sample(s): 07-08,11-14 Batch: WG855307-1										
Cyanide, Total	ND		mg/kg	0.98	0.16	1	01/06/16 19:50	01/12/16 11:12	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 15-17 Batch: WG855308-1										
Cyanide, Total	ND		mg/kg	0.98	0.16	1	01/06/16 19:50	01/12/16 11:12	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 07-08,11-17 Batch: WG855534-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	01/07/16 14:32	01/08/16 12:55	1,7196A	AL
General Chemistry - Westborough Lab for sample(s): 18 Batch: WG855961-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	01/08/16 21:00	01/11/16 14:06	1,9010C/9012B	JO

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 18 Batch: WG855034-2								
Chromium, Hexavalent	96		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 07-08,11-14 Batch: WG855307-2 WG855307-3								
Cyanide, Total	118		103		80-120	11		35
General Chemistry - Westborough Lab Associated sample(s): 15-17 Batch: WG855308-2 WG855308-3								
Cyanide, Total	118		102		80-120	12		35
General Chemistry - Westborough Lab Associated sample(s): 07-08,11-17 Batch: WG855534-2								
Chromium, Hexavalent	100		-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 18 Batch: WG855961-2 WG855961-3								
Cyanide, Total	113		106		85-115	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855034-4 QC Sample: L1600226-18 Client ID: SOFB01_010516												
Chromium, Hexavalent	ND	0.1	0.097	97		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 07-08,11-14 QC Batch ID: WG855307-4 WG855307-5 QC Sample: L1600226-08 Client ID: SB4_4-6												
Cyanide, Total	ND	11	10	90		11	100		65-135	10		35
General Chemistry - Westborough Lab Associated sample(s): 15-17 QC Batch ID: WG855308-4 WG855308-5 QC Sample: L1600226-16 Client ID: SB8_4-6												
Cyanide, Total	0.79J	11	12	100		10	85		65-135	18		35
General Chemistry - Westborough Lab Associated sample(s): 07-08,11-17 QC Batch ID: WG855534-4 QC Sample: L1600226-07 Client ID: SB4_0-2												
Chromium, Hexavalent	ND	1080	1000	92		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855961-4 WG855961-5 QC Sample: L1600226-18 Client ID: SOFB01_010516												
Cyanide, Total	0.001J	0.2	0.141	**70**	Q	0.212	106		80-120	**40**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-17 QC Batch ID: WG855032-1 QC Sample: L1600193-05 Client ID: DUP Sample						
Solids, Total	75.6	79.0	%	4		20
General Chemistry - Westborough Lab Associated sample(s): 18 QC Batch ID: WG855034-3 QC Sample: L1600226-18 Client ID: SOFB01_010516						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 07-08,11-17 QC Batch ID: WG855534-6 QC Sample: L1600226-07 Client ID: SB4_0-2						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 06-JAN-16 04:16

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-01A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-01X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-01Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-01Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-02A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-02X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-02Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-02Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-03A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-03B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-03C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-03D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-03E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()
L1600226-03F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE(),HOLD()

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-03X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-03Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-03Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-04A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-04X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-04Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-04Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-05A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-05X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-05Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-05Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-06A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	ARCHIVE()
L1600226-06X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-06Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-06Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	ARCHIVE(0)
L1600226-07A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-07B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-07C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-07E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-07F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-07X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-07Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-07Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-08A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-08B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-08C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-08D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	TS(7)
L1600226-08E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-08F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-08X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-08Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-08Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-09A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE()
L1600226-09X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-09Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-09Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0)
L1600226-10A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	ARCHIVE(),HOLD()
L1600226-10X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-10Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-10Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	ARCHIVE(0),HOLD(0)
L1600226-11A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-11B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-11C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-11D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600226
Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-11E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-11F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-11X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-11Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-11Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-12A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-12B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-12C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-12D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	TS(7)
L1600226-12E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

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Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-12F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-12X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-12Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-12Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-13A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-13B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-13C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-13D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	TS(7)
L1600226-13E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-13F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-13X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-13Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-13Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-14A	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-14B	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-14C	5 gram Encore Sampler	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(2)
L1600226-14D	Plastic 2oz unpreserved for TS	B	N/A	3.1	Y	Absent	TS(7)
L1600226-14E	Glass 120ml/4oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-14F	Glass 500ml/16oz unpreserved	B	N/A	3.1	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-14X	Vial MeOH preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-14Y	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-14Z	Vial Water preserved split	B	N/A	3.1	Y	Absent	NYTCL-8260HLW(14)
L1600226-15A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-15B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-15C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-15D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

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Lab Number: L1600226
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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-15E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-15F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-15X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-15Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-15Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-16A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-16B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-16C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-16D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	TS(7)
L1600226-16E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-16F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-16X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-16Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-16Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-17A	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-17B	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-17C	5 gram Encore Sampler	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(2)
L1600226-17D	Plastic 2oz unpreserved for TS	C	N/A	2.4	Y	Absent	TS(7)
L1600226-17E	Glass 120ml/4oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-17F	Glass 500ml/16oz unpreserved	C	N/A	2.4	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600226-17X	Vial MeOH preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-17Y	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

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Report Date: 01/14/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600226-17Z	Vial Water preserved split	C	N/A	2.4	Y	Absent	NYTCL-8260HLW(14)
L1600226-18A	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1600226-18B	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1600226-18C	Vial HCl preserved	A	N/A	2.1	Y	Absent	NYTCL-8260(14)
L1600226-18D	Plastic 250ml HNO3 preserved	A	<2	2.1	Y	Absent	BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1600226-18E	Plastic 250ml NaOH preserved	A	>12	2.1	Y	Absent	TCN-9010(14)
L1600226-18F	Plastic 500ml unpreserved	A	7	2.1	Y	Absent	HEXCR-7196(1)
L1600226-18G	Amber 500ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8081(7)
L1600226-18H	Amber 500ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8081(7)
L1600226-18I	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1600226-18J	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8082-1200ML(7)
L1600226-18K	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	HERB-APA(7)
L1600226-18L	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	HERB-APA(7)
L1600226-18M	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1600226-18N	Amber 1000ml unpreserved	A	7	2.1	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1600226-19A	Vial HCl preserved	C	N/A	2.4	Y	Absent	NYTCL-8260(14)
L1600226-19B	Vial HCl preserved	C	N/A	2.4	Y	Absent	NYTCL-8260(14)

Container Comments

L1600226-18D

*Values in parentheses indicate holding time in days

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600226
Project Number:	170229002	**Report Date:**	01/14/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

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

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600226
Project Number:	170229002	**Report Date:**	01/14/16

Data Qualifiers

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600226
Project Number:	170229002	**Report Date:**	01/14/16

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

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

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

Re - Sou P. 1 of 2

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 1/5/16

ALPHA Job #: L1600226

Client Information
Client: LANDAU, DPC
Address:
Phone:
Fax:
Email: gwyka@landauco.com

Project Information
Project Name: GREENPOINT LANDING - TEMP. ACCESS. PANELS
Project Location: BROOKLYN, NY
Project #: 170229002
(Use Project name as Project #) ☐
Project Manager: GREG WYKA
ALPHAQuote #:

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

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

Billing Information
☑ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Per L. McCartney, cancel -01,-02,-03,-04,-05,-06,-09,-10. BR 1/7/16

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TAL VOCs	Part 375 TAL SVOCs	PCBs 8082	Metals, Hexavalent	Cyanide	TM - Cyanide	Hex. Chrom.	Total Bottles	Sample Specific Comments
00226 - 01	SB1 - 0-2	1/5/16	8:35	Soil		X	X	X	X	X	X	X		(1) 2oz. (1) 4oz. (1) 4oz. (3) EnCore
-02	SB1 - 2-4		8:40			X	X	X	X	X	X	X		
-03	SB2 - 0-2		13:30			X	X	X	X	X	X	X		
-04	SB2 - 2-4		13:35			X	X	X	X	X	X	X		
-05	SB3 - 0-2		8:50			X	X	X	X	X	X	X		
-06	SB3 - 4-6		8:55			X	X	X	X	X	X	X		
-07	SB4 - 0-2		10:35			X	X	X	X	X	X	X		
-08	SB4 - 4-6		10:40			X	X	X	X	X	X	X		
-09	SB5 - 0-2		12:50			X	X	X	X	X	X	X		
-10	SB5 - 2-4		12:55			X	X	X	X	X	X	X		

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	1/5/16 15:50		1/5/16 15:50
AAL	1/5/16 1820	AAL	1/5/16 1820
	1/5/16 22:45		1/5/16 22:45

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

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

Re - Soil P. 1 of 2

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 1/5/16

ALPHA Job #: L1600226

Client Information
Client: Langan, DPC
Address:
Phone:
Fax:
Email: gwyka@langan.com

Project Information
Project Name: Greenpoint Landing - Temp. Access. Pavilions
Project Location: Brooklyn, NY
Project #: 170229002
(Use Project name as Project #) ☐
Project Manager: Greg Wyka
ALPHAQuote #:

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

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

Billing Information
☑ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TAL VOCs	Part 375 TAL SVOCs	PCBs, Pest's	Metals, Hexavalent Chromium	Cyanide	TM - Cyanide	Hex. Chrom.	Total Bottle	Sample Specific Comments
00226 - 01	SB1 - 0-2	1/5/16	8:35	Soil	SH	X	X	X	X	X	X	X		(1) 2oz. (1) 4oz. (1) 4oz. (3) EnCore
-02	SB1 - 2-4		8:40			X	X	X	X	X	X	X		
-03	SB2 - 0-2		13:30			X	X	X	X	X	X	X		
-04	SB2 - 2-4		13:35			X	X	X	X	X	X	X		
-05	SB3 - 0-2		8:50			X	X	X	X	X	X	X		
-06	SB3 - 4-6		8:55			X	X	X	X	X	X	X		
-07	SB4 - 0-2		10:35			X	X	X	X	X	X	X		
-08	SB4 - 4-6		10:40			X	X	X	X	X	X	X		
-09	SB5 - 0-2		12:50			X	X	X	X	X	X	X		
-10	SB5 - 2-4		12:55			X	X	X	X	X	X	X		

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

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

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

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	1/5/16 15:50		1/5/16 15:50
AHL	1/5/16 1820	AHL	1/5/16 1820
	1/5/16 22:45		1/5/16 22:45

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

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

R. Son P. 2 of 2

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 1/5/16

ALPHA Job #: L1600226

Project Information
Project Name: [illegible] LANDING - TEMP. ACCESS. PROJECT
Project Location: BROOKLYN, NY
Project #: 170229002
(Use Project name as Project #) ☐
Project Manager: GREG WYKA
ALPHAQuote #:

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

Client Information
Client: LANGAN, DPC.
Address:
Phone:
Fax:
Email: [illegible]@langan.com

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

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

Billing Information
☑ Same as Client Info
PO #

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Part 375 TAL VOCs	Part 375 TAL SVOCs	PCBs, Pesticides	Total Metals	Cyanide	Mn - Cr(VI)	Mn - Cr(VI)	Total Bottle	Sample Specific Comments
00226-11	SB6_0-2	1/5/16	9:05	Soil	[illegible]	X	X	X	X	X	X	X		1) 2oz. 1) 4oz 1) 1L, 1) Bene.
-12	SB6_4-6		9:10			X	X	X	X	X	X	X		
-13	SB7_0-2		10:20			X	X	X	X	X	X	X		
-14	SB7_4-6		10:25			X	X	X	X	X	X	X		
-15	SB8_0-2		11:20			X	X	X	X	X	X	X		
-16	SB8_4-6		11:25			X	X	X	X	X	X	X		
-17	SODUP01_010516		-			X	X	X	X	X	X	X		
-18	SOTB01_010516		15:00	AQ.		X	X	X	X	X	X	X		
-19	SOTB01_010516					X								

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

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

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

Container Type					
Preservative					

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	1/5/16 15:50	[illegible] AHL	1/5/16 15:50
[illegible] AHL	1/5/16 1820	[illegible]	1-5-16 1820
[illegible]	1/5/16 22:45	[illegible]	1/5/16 22:45

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

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

ANALYTICAL REPORT

Lab Number:	L1600636
Client:	Langan Engineering & Environmental 21 Penn Plaza 360 W. 31st Street, 8th Floor New York, NY 10001-2727
ATTN:	Greg Wyka
Phone:	(212) 479-5476
Project Name:	GREENPOINT LANDING-TEMP.ACCESS
Project Number:	170229002
Report Date:	01/12/16

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1600636-01	SB1_0-2	SOIL	BROOKLYN, NY	01/08/16 08:00	01/08/16
L1600636-02	SB1_2-4	SOIL	BROOKLYN, NY	01/08/16 08:45	01/08/16
L1600636-03	SB2_0-2	SOIL	BROOKLYN, NY	01/08/16 10:15	01/08/16
L1600636-04	SB2_2-4	SOIL	BROOKLYN, NY	01/08/16 10:20	01/08/16
L1600636-05	SB3_0-2	SOIL	BROOKLYN, NY	01/08/16 08:45	01/08/16
L1600636-06	SB3_4-6	SOIL	BROOKLYN, NY	01/08/16 08:50	01/08/16
L1600636-07	SB5_0-2	SOIL	BROOKLYN, NY	01/08/16 09:50	01/08/16
L1600636-08	SB5_2-4	SOIL	BROOKLYN, NY	01/08/16 10:00	01/08/16
L1600636-09	SOTB02_010816	WATER	BROOKLYN, NY	01/08/16 00:00	01/08/16

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

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

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

Case Narrative (continued)

Report Submission

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

Sample Receipt

The collection times were obtained from the container labels.

Volatile Organics

L1600636-01: The internal standard (IS) responses for chlorobenzene-d5 (28%) and 1,4-dichlorobenzene-d4 (10%), and the surrogate recoveries for toluene-d8 (150%) and 4-bromofluorobenzene (191%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (30%), 1,4-dichlorobenzene-d4 (11%), toluene-d8 (147%), and 4-bromofluorobenzene (178%). The results of both analyses are reported.

L1600636-03: The internal standard (IS) responses for fluorobenzene (38%), chlorobenzene-d5 (16%), and 1,4-dichlorobenzene-d4 (5%), and the surrogate recoveries for toluene-d8 (170%) and 4-bromofluorobenzene (192%) were outside the acceptance criteria; however, re-analysis achieved similar results: fluorobenzene (47%), chlorobenzene-d5 (23%), 1,4-dichlorobenzene-d4 (7%), toluene-d8 (155%), and 4-bromofluorobenzene (192%). The results of both analyses are reported. In addition, because internal standard responses were below the rejection criteria at less than 10% recovery, a high-level analysis was performed and those results are also reported.

L1600636-06: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (36%) and the surrogate recovery for 4-bromofluorobenzene (149%) were outside the acceptance criteria; however, re-analysis achieved similar results: chlorobenzene-d5 (27%), 1,4-dichlorobenzene-d4 (7%), toluene-d8 (170%), and 4-bromofluorobenzene (188%). The results of both analyses are reported.

L1600636-07: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (44%) and the surrogate recovery for 4-bromofluorobenzene (136%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (42%). The results of both analyses are reported.

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

Case Narrative (continued)

Semivolatile Organics

L1600636-03, -06, and -07: The sample has elevated detection limits due to the dilution required by the sample matrix.

Metals

L1600636-01 through -08: The sample has elevated detection limits for all elements due to the dilution required by matrix interferences encountered during analysis.

The WG855990-4 MS recovery for mercury (1070%), performed on L1600636-01, does not apply because the sample concentration is greater than four times the spike amount added.

Cyanide, Total

L1600636-01 through -08: The sample has an elevated detection limit due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative

Date: 01/12/16

ORGANICS

VOLATILES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 17:00		
Analyst:	BS		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.13	1
Chloroform	ND		ug/kg	2.3	0.57	1
Carbon tetrachloride	ND		ug/kg	1.5	0.32	1
1,2-Dichloropropane	ND		ug/kg	5.4	0.35	1
Dibromochloromethane	ND		ug/kg	1.5	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.47	1
Tetrachloroethene	ND		ug/kg	1.5	0.22	1
Chlorobenzene	ND		ug/kg	1.5	0.54	1
Trichlorofluoromethane	ND		ug/kg	7.7	0.60	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.17	1
Bromodichloromethane	ND		ug/kg	1.5	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.7	0.22	1
Bromoform	ND		ug/kg	6.2	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.16	1
Benzene	1.1	J	ug/kg	1.5	0.18	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.20	1
Chloromethane	ND		ug/kg	7.7	0.45	1
Bromomethane	ND		ug/kg	3.1	0.52	1
Vinyl chloride	ND		ug/kg	3.1	0.18	1
Chloroethane	ND		ug/kg	3.1	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.33	1
Trichloroethene	ND		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.7	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	7.7	0.21	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.7	0.21	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.13	1
p/m-Xylene	0.66	J	ug/kg	3.1	0.30	1
o-Xylene	ND		ug/kg	3.1	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Dibromomethane	ND		ug/kg	15	0.25	1
Styrene	ND		ug/kg	3.1	0.62	1
Dichlorodifluoromethane	ND		ug/kg	15	0.29	1
Acetone	10	J	ug/kg	15	1.6	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	0.42	1
Vinyl acetate	ND		ug/kg	15	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.25	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.7	0.43	1
2,2-Dichloropropane	ND		ug/kg	7.7	0.35	1
1,2-Dibromoethane	ND		ug/kg	6.2	0.27	1
1,3-Dichloropropane	ND		ug/kg	7.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.49	1
Bromobenzene	ND		ug/kg	7.7	0.32	1
n-Butylbenzene	ND		ug/kg	1.5	0.18	1
sec-Butylbenzene	ND		ug/kg	1.5	0.19	1
tert-Butylbenzene	ND		ug/kg	7.7	0.21	1
o-Chlorotoluene	ND		ug/kg	7.7	0.25	1
p-Chlorotoluene	ND		ug/kg	7.7	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.7	0.61	1
Hexachlorobutadiene	ND		ug/kg	7.7	0.35	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.19	1
Naphthalene	ND		ug/kg	7.7	0.21	1
Acrylonitrile	ND		ug/kg	15	0.79	1
Tert-Butyl Alcohol	ND		ug/kg	93	4.5	1
n-Propylbenzene	ND		ug/kg	1.5	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.7	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.7	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.7	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.7	0.22	1
Methyl Acetate	ND		ug/kg	31	0.42	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	39	12.	1
Cyclohexane	1.0	J	ug/kg	31	0.22	1
1,4-Dioxane	ND		ug/kg	150	22.	1
Freon-113	ND		ug/kg	31	0.42	1
p-Diethylbenzene	ND		ug/kg	6.2	0.25	1
p-Ethyltoluene	ND		ug/kg	6.2	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.2	0.20	1
Ethyl ether	ND		ug/kg	7.7	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.7	0.60	1
Methyl cyclohexane	0.89	J	ug/kg	6.2	0.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	**150**	Q	70-130
4-Bromofluorobenzene	**191**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	R	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 14:40			
Analyst:	BS			
Percent Solids:	85%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	0.91	J	ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 R Date Collected: 01/08/16 08:00
Client ID: SB1_0-2 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	0.60	J	ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	12	J	ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
Tert-Butyl Alcohol	ND		ug/kg	82	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
Methyl Acetate	ND		ug/kg	27	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 R Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	0.85	J	ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.37	1
p-Diethylbenzene	ND		ug/kg	5.4	0.22	1
p-Ethyltoluene	ND		ug/kg	5.4	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1
Methyl cyclohexane	0.66	J	ug/kg	5.4	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	**147**	Q	70-130
4-Bromofluorobenzene	**178**	Q	70-130
Dibromofluoromethane	103		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-02	Date Collected:	01/08/16 08:45
Client ID:	SB1_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/10/16 15:06		
Analyst:	BS		
Percent Solids:	64%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	30	3.3	1
1,1-Dichloroethane	ND		ug/kg	4.5	0.26	1
Chloroform	ND		ug/kg	4.5	1.1	1
Carbon tetrachloride	ND		ug/kg	3.0	0.63	1
1,2-Dichloropropane	ND		ug/kg	10	0.68	1
Dibromochloromethane	ND		ug/kg	3.0	0.46	1
1,1,2-Trichloroethane	ND		ug/kg	4.5	0.91	1
Tetrachloroethene	ND		ug/kg	3.0	0.42	1
Chlorobenzene	ND		ug/kg	3.0	1.0	1
Trichlorofluoromethane	ND		ug/kg	15	1.2	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	3.0	0.33	1
Bromodichloromethane	ND		ug/kg	3.0	0.52	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	3.0	0.35	1
1,1-Dichloropropene	ND		ug/kg	15	0.42	1
Bromoform	ND		ug/kg	12	0.71	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.0	0.30	1
Benzene	ND		ug/kg	3.0	0.35	1
Toluene	ND		ug/kg	4.5	0.58	1
Ethylbenzene	ND		ug/kg	3.0	0.38	1
Chloromethane	ND		ug/kg	15	0.88	1
Bromomethane	ND		ug/kg	6.0	1.0	1
Vinyl chloride	ND		ug/kg	6.0	0.35	1
Chloroethane	ND		ug/kg	6.0	0.95	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.79	1
trans-1,2-Dichloroethene	ND		ug/kg	4.5	0.64	1
Trichloroethene	ND		ug/kg	3.0	0.38	1
1,2-Dichlorobenzene	ND		ug/kg	15	0.46	1
1,3-Dichlorobenzene	ND		ug/kg	15	0.40	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02 Date Collected: 01/08/16 08:45

Client ID: SB1_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	15	0.42	1
Methyl tert butyl ether	ND		ug/kg	6.0	0.25	1
p/m-Xylene	ND		ug/kg	6.0	0.59	1
o-Xylene	ND		ug/kg	6.0	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.43	1
Dibromomethane	ND		ug/kg	30	0.49	1
Styrene	ND		ug/kg	6.0	1.2	1
Dichlorodifluoromethane	ND		ug/kg	30	0.57	1
Acetone	39		ug/kg	30	3.1	1
Carbon disulfide	ND		ug/kg	30	3.3	1
2-Butanone	ND		ug/kg	30	0.82	1
Vinyl acetate	ND		ug/kg	30	0.40	1
4-Methyl-2-pentanone	ND		ug/kg	30	0.73	1
1,2,3-Trichloropropane	ND		ug/kg	30	0.49	1
2-Hexanone	ND		ug/kg	30	2.0	1
Bromochloromethane	ND		ug/kg	15	0.83	1
2,2-Dichloropropane	ND		ug/kg	15	0.68	1
1,2-Dibromoethane	ND		ug/kg	12	0.52	1
1,3-Dichloropropane	ND		ug/kg	15	0.44	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	3.0	0.96	1
Bromobenzene	ND		ug/kg	15	0.62	1
n-Butylbenzene	ND		ug/kg	3.0	0.34	1
sec-Butylbenzene	ND		ug/kg	3.0	0.37	1
tert-Butylbenzene	ND		ug/kg	15	0.41	1
o-Chlorotoluene	ND		ug/kg	15	0.48	1
p-Chlorotoluene	ND		ug/kg	15	0.40	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	15	1.2	1
Hexachlorobutadiene	ND		ug/kg	15	0.68	1
Isopropylbenzene	ND		ug/kg	3.0	0.31	1
p-Isopropyltoluene	ND		ug/kg	3.0	0.38	1
Naphthalene	ND		ug/kg	15	0.42	1
Acrylonitrile	ND		ug/kg	30	1.5	1
Tert-Butyl Alcohol	ND		ug/kg	180	8.8	1
n-Propylbenzene	ND		ug/kg	3.0	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	15	0.44	1
1,2,4-Trichlorobenzene	ND		ug/kg	15	0.55	1
1,3,5-Trimethylbenzene	ND		ug/kg	15	0.43	1
1,2,4-Trimethylbenzene	ND		ug/kg	15	0.42	1
Methyl Acetate	ND		ug/kg	60	0.81	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02 Date Collected: 01/08/16 08:45

Client ID: SB1_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	75	24.	1
Cyclohexane	ND		ug/kg	60	0.44	1
1,4-Dioxane	ND		ug/kg	300	43.	1
Freon-113	ND		ug/kg	60	0.82	1
p-Diethylbenzene	ND		ug/kg	12	0.48	1
p-Ethyltoluene	ND		ug/kg	12	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	12	0.39	1
Ethyl ether	ND		ug/kg	15	0.78	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	15	1.2	1
Methyl cyclohexane	ND		ug/kg	12	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	113		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	97		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 17:53		
Analyst:	BS		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	0.97	J	ug/kg	2.0	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	0.35	J	ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.9	0.19	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	0.61	J	ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.9	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	0.99	J	ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	0.38	J	ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	9.2	J	ug/kg	14	1.4	1
Carbon disulfide	4.0	J	ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.9	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	6.9	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.18	1
o-Chlorotoluene	ND		ug/kg	6.9	0.22	1
p-Chlorotoluene	ND		ug/kg	6.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.9	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
Tert-Butyl Alcohol	ND		ug/kg	82	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.19	1
Methyl Acetate	ND		ug/kg	27	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	2.7	J	ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.38	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.9	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	0.54	1
Methyl cyclohexane	3.0	J	ug/kg	5.5	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	**170**	Q	70-130
4-Bromofluorobenzene	**192**	Q	70-130
Dibromofluoromethane	125		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/11/16 16:46		
Analyst:	MV		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	99	J	ug/kg	720	80.	1
1,1-Dichloroethane	ND		ug/kg	110	6.2	1
Chloroform	ND		ug/kg	110	27.	1
Carbon tetrachloride	ND		ug/kg	72	15.	1
1,2-Dichloropropane	ND		ug/kg	250	16.	1
Dibromochloromethane	ND		ug/kg	72	11.	1
1,1,2-Trichloroethane	ND		ug/kg	110	22.	1
Tetrachloroethene	ND		ug/kg	72	10.	1
Chlorobenzene	ND		ug/kg	72	25.	1
Trichlorofluoromethane	ND		ug/kg	360	28.	1
1,2-Dichloroethane	ND		ug/kg	72	8.2	1
1,1,1-Trichloroethane	ND		ug/kg	72	8.0	1
Bromodichloromethane	ND		ug/kg	72	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	72	8.7	1
cis-1,3-Dichloropropene	ND		ug/kg	72	8.5	1
1,1-Dichloropropene	ND		ug/kg	360	10.	1
Bromoform	ND		ug/kg	290	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	72	7.3	1
Benzene	ND		ug/kg	72	8.5	1
Toluene	ND		ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	72	9.2	1
Chloromethane	ND		ug/kg	360	21.	1
Bromomethane	ND		ug/kg	140	24.	1
Vinyl chloride	ND		ug/kg	140	8.5	1
Chloroethane	ND		ug/kg	140	23.	1
1,1-Dichloroethene	ND		ug/kg	72	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	15.	1
Trichloroethene	ND		ug/kg	72	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	360	11.	1
1,3-Dichlorobenzene	ND		ug/kg	360	9.7	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	52	J	ug/kg	360	10.	1
Methyl tert butyl ether	ND		ug/kg	140	6.1	1
p/m-Xylene	22	J	ug/kg	140	14.	1
o-Xylene	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	10.	1
Dibromomethane	ND		ug/kg	720	12.	1
Styrene	ND		ug/kg	140	29.	1
Dichlorodifluoromethane	ND		ug/kg	720	14.	1
Acetone	ND		ug/kg	720	75.	1
Carbon disulfide	ND		ug/kg	720	80.	1
2-Butanone	340	J	ug/kg	720	20.	1
Vinyl acetate	ND		ug/kg	720	9.5	1
4-Methyl-2-pentanone	ND		ug/kg	720	18.	1
1,2,3-Trichloropropane	ND		ug/kg	720	12.	1
2-Hexanone	ND		ug/kg	720	48.	1
Bromochloromethane	ND		ug/kg	360	20.	1
2,2-Dichloropropane	ND		ug/kg	360	16.	1
1,2-Dibromoethane	ND		ug/kg	290	12.	1
1,3-Dichloropropane	ND		ug/kg	360	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	72	23.	1
Bromobenzene	ND		ug/kg	360	15.	1
n-Butylbenzene	ND		ug/kg	72	8.3	1
sec-Butylbenzene	ND		ug/kg	72	8.8	1
tert-Butylbenzene	ND		ug/kg	360	9.8	1
o-Chlorotoluene	ND		ug/kg	360	12.	1
p-Chlorotoluene	ND		ug/kg	360	9.6	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	360	28.	1
Hexachlorobutadiene	ND		ug/kg	360	16.	1
Isopropylbenzene	ND		ug/kg	72	7.5	1
p-Isopropyltoluene	ND		ug/kg	72	9.0	1
Naphthalene	100	J	ug/kg	360	10.	1
Acrylonitrile	ND		ug/kg	720	37.	1
Tert-Butyl Alcohol	ND		ug/kg	4300	210	1
n-Propylbenzene	ND		ug/kg	72	7.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	360	11.	1
1,2,4-Trichlorobenzene	ND		ug/kg	360	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	360	10.	1
1,2,4-Trimethylbenzene	ND		ug/kg	360	10.	1
Methyl Acetate	ND		ug/kg	1400	19.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Acrolein	ND		ug/kg	1800	580	1
Cyclohexane	18	J	ug/kg	1400	10.	1
1,4-Dioxane	ND		ug/kg	7200	1000	1
Freon-113	ND		ug/kg	1400	20.	1
p-Diethylbenzene	ND		ug/kg	290	12.	1
p-Ethyltoluene	ND		ug/kg	290	8.9	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	290	9.4	1
Ethyl ether	ND		ug/kg	360	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	360	28.	1
Methyl cyclohexane	44	J	ug/kg	290	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	91		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	R	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/10/16 15:33			
Analyst:	BS			
Percent Solids:	93%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	0.90	J	ug/kg	2.0	0.48	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.6	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.5	0.51	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	0.40	J	ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.5	0.18	1
Bromoform	ND		ug/kg	5.2	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	0.93	J	ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	2.0	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.5	0.38	1
Bromomethane	ND		ug/kg	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	1.8		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.5	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 R Date Collected: 01/08/16 10:15
Client ID: SB2_0-2 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.5	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	0.65	J	ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Dibromomethane	ND		ug/kg	13	0.21	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	26		ug/kg	13	1.4	1
Carbon disulfide	5.7	J	ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.36	1
Vinyl acetate	ND		ug/kg	13	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.21	1
2-Hexanone	ND		ug/kg	13	0.87	1
Bromochloromethane	ND		ug/kg	6.5	0.36	1
2,2-Dichloropropane	ND		ug/kg	6.5	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.2	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.5	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.5	0.27	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.5	0.18	1
o-Chlorotoluene	ND		ug/kg	6.5	0.21	1
p-Chlorotoluene	ND		ug/kg	6.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	0.52	1
Hexachlorobutadiene	ND		ug/kg	6.5	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.5	0.18	1
Acrylonitrile	ND		ug/kg	13	0.67	1
Tert-Butyl Alcohol	ND		ug/kg	78	3.8	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.5	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.5	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.5	0.18	1
Methyl Acetate	ND		ug/kg	26	0.35	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 R Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	33	10.	1
Cyclohexane	2.0	J	ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	26	0.36	1
p-Diethylbenzene	ND		ug/kg	5.2	0.21	1
p-Ethyltoluene	ND		ug/kg	5.2	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.2	0.17	1
Ethyl ether	ND		ug/kg	6.5	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.5	0.51	1
Methyl cyclohexane	2.0	J	ug/kg	5.2	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	**155**	Q	70-130
4-Bromofluorobenzene	**192**	Q	70-130
Dibromofluoromethane	119		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-04	Date Collected:	01/08/16 10:20
Client ID:	SB2_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/09/16 18:20		
Analyst:	BS		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04 Date Collected: 01/08/16 10:20

Client ID: SB2_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	11	J	ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.90	1
Bromochloromethane	ND		ug/kg	6.8	0.37	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.16	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
Tert-Butyl Alcohol	ND		ug/kg	81	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
Methyl Acetate	ND		ug/kg	27	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04 Date Collected: 01/08/16 10:20

Client ID: SB2_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	ND		ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.37	1
p-Diethylbenzene	ND		ug/kg	5.4	0.22	1
p-Ethyltoluene	ND		ug/kg	5.4	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1
Methyl cyclohexane	ND		ug/kg	5.4	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	101		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-05	Date Collected:	01/08/16 08:45
Client ID:	SB3_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/10/16 11:05		
Analyst:	BN		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.2	0.13	1
Chloroform	ND		ug/kg	2.2	0.55	1
Carbon tetrachloride	ND		ug/kg	1.5	0.31	1
1,2-Dichloropropane	ND		ug/kg	5.2	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.2	0.45	1
Tetrachloroethene	ND		ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.52	1
Trichlorofluoromethane	ND		ug/kg	7.5	0.58	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.16	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.5	0.21	1
Bromoform	ND		ug/kg	6.0	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	ND		ug/kg	1.5	0.18	1
Toluene	0.46	J	ug/kg	2.2	0.29	1
Ethylbenzene	ND		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.5	0.44	1
Bromomethane	ND		ug/kg	3.0	0.50	1
Vinyl chloride	ND		ug/kg	3.0	0.18	1
Chloroethane	ND		ug/kg	3.0	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.32	1
Trichloroethene	ND		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.5	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	7.5	0.20	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05 Date Collected: 01/08/16 08:45

Client ID: SB3_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	7.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.12	1
p/m-Xylene	ND		ug/kg	3.0	0.30	1
o-Xylene	ND		ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Dibromomethane	ND		ug/kg	15	0.24	1
Styrene	ND		ug/kg	3.0	0.60	1
Dichlorodifluoromethane	ND		ug/kg	15	0.28	1
Acetone	ND		ug/kg	15	1.5	1
Carbon disulfide	ND		ug/kg	15	1.6	1
2-Butanone	ND		ug/kg	15	0.41	1
Vinyl acetate	ND		ug/kg	15	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.36	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.24	1
2-Hexanone	ND		ug/kg	15	0.99	1
Bromochloromethane	ND		ug/kg	7.5	0.41	1
2,2-Dichloropropane	ND		ug/kg	7.5	0.34	1
1,2-Dibromoethane	ND		ug/kg	6.0	0.26	1
1,3-Dichloropropane	ND		ug/kg	7.5	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.47	1
Bromobenzene	ND		ug/kg	7.5	0.31	1
n-Butylbenzene	ND		ug/kg	1.5	0.17	1
sec-Butylbenzene	ND		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.5	0.20	1
o-Chlorotoluene	ND		ug/kg	7.5	0.24	1
p-Chlorotoluene	ND		ug/kg	7.5	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.5	0.59	1
Hexachlorobutadiene	ND		ug/kg	7.5	0.34	1
Isopropylbenzene	ND		ug/kg	1.5	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.19	1
Naphthalene	ND		ug/kg	7.5	0.21	1
Acrylonitrile	ND		ug/kg	15	0.77	1
Tert-Butyl Alcohol	ND		ug/kg	90	4.4	1
n-Propylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.5	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.5	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.5	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.5	0.21	1
Methyl Acetate	ND		ug/kg	30	0.40	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05 Date Collected: 01/08/16 08:45

Client ID: SB3_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	37	12.	1
Cyclohexane	ND		ug/kg	30	0.22	1
1,4-Dioxane	ND		ug/kg	150	22.	1
Freon-113	ND		ug/kg	30	0.41	1
p-Diethylbenzene	ND		ug/kg	6.0	0.24	1
p-Ethyltoluene	ND		ug/kg	6.0	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.0	0.19	1
Ethyl ether	ND		ug/kg	7.5	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.5	0.58	1
Methyl cyclohexane	ND		ug/kg	6.0	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	120		70-130
Dibromofluoromethane	99		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/10/16 11:31		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.6	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.58	1
Trichlorofluoromethane	ND		ug/kg	8.3	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	8.3	0.23	1
Bromoform	ND		ug/kg	6.6	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.17	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	0.33	J	ug/kg	2.5	0.32	1
Ethylbenzene	ND		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.3	0.48	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.19	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.6	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.3	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.3	0.22	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 Date Collected: 01/08/16 08:50

Client ID: SB3_4-6 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	8.3	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.33	1
o-Xylene	ND		ug/kg	3.3	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.24	1
Dibromomethane	ND		ug/kg	16	0.27	1
Styrene	ND		ug/kg	3.3	0.66	1
Dichlorodifluoromethane	ND		ug/kg	16	0.32	1
Acetone	ND		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.45	1
Vinyl acetate	ND		ug/kg	16	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.27	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.3	0.46	1
2,2-Dichloropropane	ND		ug/kg	8.3	0.37	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.3	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.52	1
Bromobenzene	ND		ug/kg	8.3	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.19	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.3	0.22	1
o-Chlorotoluene	ND		ug/kg	8.3	0.26	1
p-Chlorotoluene	ND		ug/kg	8.3	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.3	0.65	1
Hexachlorobutadiene	ND		ug/kg	8.3	0.38	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.21	1
Naphthalene	ND		ug/kg	8.3	0.23	1
Acrylonitrile	ND		ug/kg	16	0.85	1
Tert-Butyl Alcohol	ND		ug/kg	99	4.8	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.3	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.3	0.23	1
Methyl Acetate	ND		ug/kg	33	0.45	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 Date Collected: 01/08/16 08:50

Client ID: SB3_4-6 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	41	13.	1
Cyclohexane	ND		ug/kg	33	0.24	1
1,4-Dioxane	ND		ug/kg	160	24.	1
Freon-113	ND		ug/kg	33	0.45	1
p-Diethylbenzene	ND		ug/kg	6.6	0.26	1
p-Ethyltoluene	ND		ug/kg	6.6	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.6	0.22	1
Ethyl ether	ND		ug/kg	8.3	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	0.65	1
Methyl cyclohexane	ND		ug/kg	6.6	0.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	**149**	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	R	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/11/16 03:55			
Analyst:	BN			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.6	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	3.8		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.58	1
Trichlorofluoromethane	ND		ug/kg	8.3	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	8.3	0.23	1
Bromoform	ND		ug/kg	6.6	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.17	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.5	0.32	1
Ethylbenzene	ND		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.3	0.48	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.19	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.6	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.3	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.3	0.22	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 R Date Collected: 01/08/16 08:50
Client ID: SB3_4-6 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	8.3	0.23	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.33	1
o-Xylene	ND		ug/kg	3.3	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.24	1
Dibromomethane	ND		ug/kg	16	0.27	1
Styrene	ND		ug/kg	3.3	0.66	1
Dichlorodifluoromethane	ND		ug/kg	16	0.32	1
Acetone	10	J	ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.45	1
Vinyl acetate	ND		ug/kg	16	0.22	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.27	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.3	0.46	1
2,2-Dichloropropane	ND		ug/kg	8.3	0.37	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.3	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.52	1
Bromobenzene	ND		ug/kg	8.3	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.19	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.3	0.22	1
o-Chlorotoluene	ND		ug/kg	8.3	0.26	1
p-Chlorotoluene	ND		ug/kg	8.3	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.3	0.65	1
Hexachlorobutadiene	ND		ug/kg	8.3	0.38	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.21	1
Naphthalene	ND		ug/kg	8.3	0.23	1
Acrylonitrile	ND		ug/kg	16	0.85	1
Tert-Butyl Alcohol	ND		ug/kg	99	4.8	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.3	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.3	0.23	1
Methyl Acetate	ND		ug/kg	33	0.45	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 R Date Collected: 01/08/16 08:50

Client ID: SB3_4-6 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	41	13.	1
Cyclohexane	0.69	J	ug/kg	33	0.24	1
1,4-Dioxane	ND		ug/kg	160	24.	1
Freon-113	ND		ug/kg	33	0.45	1
p-Diethylbenzene	ND		ug/kg	6.6	0.26	1
p-Ethyltoluene	ND		ug/kg	6.6	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.6	0.22	1
Ethyl ether	ND		ug/kg	8.3	0.43	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.3	0.65	1
Methyl cyclohexane	0.63	J	ug/kg	6.6	0.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	**170**	Q	70-130
4-Bromofluorobenzene	**188**	Q	70-130
Dibromofluoromethane	117		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/10/16 11:57		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.12	1
Chloroform	ND		ug/kg	2.0	0.50	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.41	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.47	1
Trichlorofluoromethane	ND		ug/kg	6.8	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.8	0.19	1
Bromoform	ND		ug/kg	5.4	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	0.29	J	ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.4	0.17	1
Chloromethane	ND		ug/kg	6.8	0.40	1
Bromomethane	ND		ug/kg	2.7	0.46	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.8	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 Date Collected: 01/08/16 09:50

Client ID: SB5_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.8	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.12	1
p/m-Xylene	ND		ug/kg	2.7	0.27	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.19	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.7	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.33	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.91	1
Bromochloromethane	ND		ug/kg	6.8	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.8	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.4	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.8	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.43	1
Bromobenzene	ND		ug/kg	6.8	0.28	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.8	0.18	1
o-Chlorotoluene	ND		ug/kg	6.8	0.22	1
p-Chlorotoluene	ND		ug/kg	6.8	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.8	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.8	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.8	0.19	1
Acrylonitrile	ND		ug/kg	14	0.70	1
Tert-Butyl Alcohol	ND		ug/kg	82	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.8	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.8	0.19	1
Methyl Acetate	ND		ug/kg	27	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 Date Collected: 01/08/16 09:50

Client ID: SB5_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	ND		ug/kg	27	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	27	0.37	1
p-Diethylbenzene	ND		ug/kg	5.4	0.22	1
p-Ethyltoluene	ND		ug/kg	5.4	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.4	0.18	1
Ethyl ether	ND		ug/kg	6.8	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.8	0.53	1
Methyl cyclohexane	ND		ug/kg	5.4	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	**136**	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	R	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	01/11/16 04:22			
Analyst:	BN			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.6	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.6	0.19	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.6	0.39	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	ND		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 R Date Collected: 01/08/16 09:50
Client ID: SB5_0-2 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.26	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
Dibromomethane	ND		ug/kg	13	0.22	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	6.2	J	ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.36	1
Vinyl acetate	ND		ug/kg	13	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
1,2,3-Trichloropropane	ND		ug/kg	13	0.22	1
2-Hexanone	ND		ug/kg	13	0.89	1
Bromochloromethane	ND		ug/kg	6.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	6.6	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.6	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.6	0.28	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.6	0.18	1
o-Chlorotoluene	ND		ug/kg	6.6	0.21	1
p-Chlorotoluene	ND		ug/kg	6.6	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	0.53	1
Hexachlorobutadiene	ND		ug/kg	6.6	0.30	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.17	1
Naphthalene	ND		ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
Tert-Butyl Alcohol	ND		ug/kg	80	3.9	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
Methyl Acetate	ND		ug/kg	27	0.36	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 R Date Collected: 01/08/16 09:50

Client ID: SB5_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	33	11.	1
Cyclohexane	ND		ug/kg	27	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.36	1
p-Diethylbenzene	ND		ug/kg	5.3	0.21	1
p-Ethyltoluene	ND		ug/kg	5.3	0.16	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.3	0.17	1
Ethyl ether	ND		ug/kg	6.6	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1
Methyl cyclohexane	ND		ug/kg	5.3	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	130		70-130
Dibromofluoromethane	100		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-08	Date Collected:	01/08/16 10:00
Client ID:	SB5_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	01/10/16 12:23		
Analyst:	BN		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	ND		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.9	0.19	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	1.7	J	ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.40	1
Bromomethane	ND		ug/kg	2.8	0.46	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.43	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	ND		ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.18	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08 Date Collected: 01/08/16 10:00

Client ID: SB5_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,4-Dichlorobenzene	0.35	J	ug/kg	6.9	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.27	1
o-Xylene	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.22	1
Styrene	ND		ug/kg	2.8	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
Vinyl acetate	ND		ug/kg	14	0.18	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.22	1
2-Hexanone	ND		ug/kg	14	0.92	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
2,2-Dichloropropane	ND		ug/kg	6.9	0.31	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
1,3-Dichloropropane	ND		ug/kg	6.9	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.44	1
Bromobenzene	ND		ug/kg	6.9	0.29	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.19	1
o-Chlorotoluene	ND		ug/kg	6.9	0.22	1
p-Chlorotoluene	ND		ug/kg	6.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.54	1
Hexachlorobutadiene	ND		ug/kg	6.9	0.31	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.9	0.19	1
Acrylonitrile	ND		ug/kg	14	0.71	1
Tert-Butyl Alcohol	ND		ug/kg	82	4.0	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.19	1
Methyl Acetate	ND		ug/kg	28	0.37	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08 Date Collected: 01/08/16 10:00

Client ID: SB5_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Acrolein	ND		ug/kg	34	11.	1
Cyclohexane	ND		ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
p-Diethylbenzene	ND		ug/kg	5.5	0.22	1
p-Ethyltoluene	ND		ug/kg	5.5	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.5	0.18	1
Ethyl ether	ND		ug/kg	6.9	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.9	0.54	1
Methyl cyclohexane	ND		ug/kg	5.5	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-09	Date Collected:	01/08/16 00:00
Client ID:	SOTB02_010816	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	01/11/16 17:24		
Analyst:	PK		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-09 Date Collected: 01/08/16 00:00

Client ID: SOTB02_010816 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Tert-Butyl Alcohol	ND		ug/l	10	0.90	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Acrolein	ND		ug/l	5.0	0.63	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-09 Date Collected: 01/08/16 00:00

Client ID: SOTB02_010816 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	110		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:39
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-08 Batch: WG856222-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:39
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-08 Batch: WG856222-3					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:39
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 05-08 Batch: WG856222-3					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 03:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG856222-6					
Methylene chloride	1.2	J	ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 03:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG856222-6					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 03:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07 Batch: WG856222-6					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG856253-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.55	J	ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG856253-3					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	1.6	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/16 12:35
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-04 Batch: WG856253-3					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	88		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG856253-6					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG856253-6					
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/16 10:15
Analyst: BS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-03 Batch: WG856253-6					
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	93		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:02
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG856381-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:02
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG856381-3					
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:02
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG856381-3					
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG856576-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	29	J	ug/kg	250	15.
Bromomethane	27	J	ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG856576-3					
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/11/16 15:00
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG856576-3					
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
Freon-113	ND		ug/kg	1000	14.
p-Diethylbenzene	ND		ug/kg	200	8.0
p-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	91		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-08 Batch: WG856222-1 WG856222-2								
Methylene chloride	108		105		70-130	3		30
1,1-Dichloroethane	109		101		70-130	8		30
Chloroform	108		102		70-130	6		30
Carbon tetrachloride	107		95		70-130	12		30
1,2-Dichloropropane	105		101		70-130	4		30
Dibromochloromethane	94		91		70-130	3		30
2-Chloroethylvinyl ether	95		95		70-130	0		30
1,1,2-Trichloroethane	106		102		70-130	4		30
Tetrachloroethene	107		97		70-130	10		30
Chlorobenzene	104		98		70-130	6		30
Trichlorofluoromethane	120		105		70-139	13		30
1,2-Dichloroethane	114		113		70-130	1		30
1,1,1-Trichloroethane	110		100		70-130	10		30
Bromodichloromethane	100		96		70-130	4		30
trans-1,3-Dichloropropene	96		93		70-130	3		30
cis-1,3-Dichloropropene	99		96		70-130	3		30
1,1-Dichloropropene	112		100		70-130	11		30
Bromoform	84		83		70-130	1		30
1,1,2,2-Tetrachloroethane	96		97		70-130	1		30
Benzene	108		101		70-130	7		30
Toluene	107		98		70-130	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-08 Batch: WG856222-1 WG856222-2								
Ethylbenzene	107		97		70-130	10		30
Chloromethane	107		98		52-130	9		30
Bromomethane	140		136		57-147	3		30
Vinyl chloride	**145**	Q	129		67-130	12		30
Chloroethane	130		116		50-151	11		30
1,1-Dichloroethene	109		98		65-135	11		30
trans-1,2-Dichloroethene	107		97		70-130	10		30
Trichloroethene	108		99		70-130	9		30
1,2-Dichlorobenzene	100		97		70-130	3		30
1,3-Dichlorobenzene	101		97		70-130	4		30
1,4-Dichlorobenzene	100		96		70-130	4		30
Methyl tert butyl ether	105		104		66-130	1		30
p/m-Xylene	107		98		70-130	9		30
o-Xylene	106		98		70-130	8		30
cis-1,2-Dichloroethene	107		100		70-130	7		30
Dibromomethane	102		101		70-130	1		30
Styrene	105		99		70-130	6		30
Dichlorodifluoromethane	116		102		30-146	13		30
Acetone	125		128		54-140	2		30
Carbon disulfide	97		87		59-130	11		30
2-Butanone	99		110		70-130	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-08 Batch: WG856222-1 WG856222-2								
Vinyl acetate	114		112		70-130	2		30
4-Methyl-2-pentanone	91		95		70-130	4		30
1,2,3-Trichloropropane	101		101		68-130	0		30
2-Hexanone	94		91		70-130	3		30
Bromochloromethane	107		106		70-130	1		30
2,2-Dichloropropane	102		91		70-130	11		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	105		102		69-130	3		30
1,1,1,2-Tetrachloroethane	98		92		70-130	6		30
Bromobenzene	98		93		70-130	5		30
n-Butylbenzene	104		94		70-130	10		30
sec-Butylbenzene	102		93		70-130	9		30
tert-Butylbenzene	99		90		70-130	10		30
o-Chlorotoluene	102		96		70-130	6		30
p-Chlorotoluene	101		94		70-130	7		30
1,2-Dibromo-3-chloropropane	83		81		68-130	2		30
Hexachlorobutadiene	102		92		67-130	10		30
Isopropylbenzene	100		91		70-130	9		30
p-Isopropyltoluene	100		91		70-130	9		30
Naphthalene	88		89		70-130	1		30
Acrylonitrile	99		98		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-08 Batch: WG856222-1 WG856222-2								
Isopropyl Ether	111		107		66-130	4		30
tert-Butyl Alcohol	94		96		70-130	2		30
n-Propylbenzene	102		93		70-130	9		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	100		96		70-130	4		30
1,3,5-Trimethylbenzene	100		92		70-130	8		30
1,2,4-Trimethylbenzene	100		93		70-130	7		30
Methyl Acetate	113		114		51-146	1		30
Ethyl Acetate	112		113		70-130	1		30
Acrolein	95		91		70-130	4		30
Cyclohexane	118		102		59-142	15		30
1,4-Dioxane	118		122		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		95		50-139	15		30
p-Diethylbenzene	99		90		70-130	10		30
p-Ethyltoluene	100		92		70-130	8		30
1,2,4,5-Tetramethylbenzene	95		90		70-130	5		30
Tetrahydrofuran	115		114		66-130	1		30
Ethyl ether	110		109		67-130	1		30
trans-1,4-Dichloro-2-butene	94		92		70-130	2		30
Methyl cyclohexane	114		100		70-130	13		30
Ethyl-Tert-Butyl-Ether	108		105		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 05-08 Batch: WG856222-1 WG856222-2								
Tertiary-Amyl Methyl Ether	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	105		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG856222-4 WG856222-5								
Methylene chloride	105		103		70-130	2		30
1,1-Dichloroethane	97		94		70-130	3		30
Chloroform	94		92		70-130	2		30
Carbon tetrachloride	98		91		70-130	7		30
1,2-Dichloropropane	101		100		70-130	1		30
Dibromochloromethane	100		102		70-130	2		30
2-Chloroethylvinyl ether	106		111		70-130	5		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	91		87		70-130	4		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	128		117		70-139	9		30
1,2-Dichloroethane	98		99		70-130	1		30
1,1,1-Trichloroethane	93		86		70-130	8		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	100		101		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	92		87		70-130	6		30
Bromoform	90		93		70-130	3		30
1,1,2,2-Tetrachloroethane	102		104		70-130	2		30
Benzene	94		91		70-130	3		30
Toluene	**66**	Q	**63**	Q	70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG856222-4 WG856222-5								
Ethylbenzene	96		92		70-130	4		30
Chloromethane	114		103		52-130	10		30
Bromomethane	113		109		57-147	4		30
Vinyl chloride	112		102		67-130	9		30
Chloroethane	126		117		50-151	7		30
1,1-Dichloroethene	90		83		65-135	8		30
trans-1,2-Dichloroethene	90		86		70-130	5		30
Trichloroethene	91		87		70-130	4		30
1,2-Dichlorobenzene	97		96		70-130	1		30
1,3-Dichlorobenzene	98		96		70-130	2		30
1,4-Dichlorobenzene	97		97		70-130	0		30
Methyl tert butyl ether	94		95		66-130	1		30
p/m-Xylene	94		91		70-130	3		30
o-Xylene	93		91		70-130	2		30
cis-1,2-Dichloroethene	95		92		70-130	3		30
Dibromomethane	96		96		70-130	0		30
Styrene	94		92		70-130	2		30
Dichlorodifluoromethane	134		118		30-146	13		30
Acetone	125		127		54-140	2		30
Carbon disulfide	88		81		59-130	8		30
2-Butanone	103		106		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG856222-4 WG856222-5								
Vinyl acetate	110		111		70-130	1		30
4-Methyl-2-pentanone	92		95		70-130	3		30
1,2,3-Trichloropropane	101		105		68-130	4		30
2-Hexanone	110		117		70-130	6		30
Bromochloromethane	94		94		70-130	0		30
2,2-Dichloropropane	92		86		70-130	7		30
1,2-Dibromoethane	97		98		70-130	1		30
1,3-Dichloropropane	100		102		69-130	2		30
1,1,1,2-Tetrachloroethane	99		99		70-130	0		30
Bromobenzene	95		95		70-130	0		30
n-Butylbenzene	101		95		70-130	6		30
sec-Butylbenzene	97		92		70-130	5		30
tert-Butylbenzene	94		90		70-130	4		30
o-Chlorotoluene	99		99		70-130	0		30
p-Chlorotoluene	99		99		70-130	0		30
1,2-Dibromo-3-chloropropane	92		93		68-130	1		30
Hexachlorobutadiene	93		87		67-130	7		30
Isopropylbenzene	95		92		70-130	3		30
p-Isopropyltoluene	96		92		70-130	4		30
Naphthalene	94		96		70-130	2		30
Acrylonitrile	103		106		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG856222-4 WG856222-5								
Isopropyl Ether	112		113		66-130	1		30
tert-Butyl Alcohol	97		98		70-130	1		30
n-Propylbenzene	97		94		70-130	3		30
1,2,3-Trichlorobenzene	95		96		70-130	1		30
1,2,4-Trichlorobenzene	97		96		70-130	1		30
1,3,5-Trimethylbenzene	97		95		70-130	2		30
1,2,4-Trimethylbenzene	98		96		70-130	2		30
Methyl Acetate	116		120		51-146	3		30
Ethyl Acetate	115		117		70-130	2		30
Acrolein	95		99		70-130	4		30
Cyclohexane	110		100		59-142	10		30
1,4-Dioxane	106		105		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	100		89		50-139	12		30
p-Diethylbenzene	101		95		70-130	6		30
p-Ethyltoluene	99		97		70-130	2		30
1,2,4,5-Tetramethylbenzene	100		97		70-130	3		30
Tetrahydrofuran	113		118		66-130	4		30
Ethyl ether	110		101		67-130	9		30
trans-1,4-Dichloro-2-butene	113		117		70-130	3		30
Methyl cyclohexane	102		92		70-130	10		30
Ethyl-Tert-Butyl-Ether	102		103		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07 Batch: WG856222-4 WG856222-5								
Tertiary-Amyl Methyl Ether	96		97		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	109		101		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	99		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG856253-1 WG856253-2								
Methylene chloride	88		94		70-130	7		30
1,1-Dichloroethane	90		96		70-130	6		30
Chloroform	87		93		70-130	7		30
Carbon tetrachloride	94		98		70-130	4		30
1,2-Dichloropropane	93		99		70-130	6		30
Dibromochloromethane	97		104		70-130	7		30
2-Chloroethylvinyl ether	99		103		70-130	4		30
1,1,2-Trichloroethane	92		99		70-130	7		30
Tetrachloroethene	94		98		70-130	4		30
Chlorobenzene	90		96		70-130	6		30
Trichlorofluoromethane	**63**	Q	**64**	Q	70-139	2		30
1,2-Dichloroethane	84		91		70-130	8		30
1,1,1-Trichloroethane	88		93		70-130	6		30
Bromodichloromethane	89		94		70-130	5		30
trans-1,3-Dichloropropene	92		100		70-130	8		30
cis-1,3-Dichloropropene	90		96		70-130	6		30
1,1-Dichloropropene	88		93		70-130	6		30
Bromoform	90		98		70-130	9		30
1,1,2,2-Tetrachloroethane	95		102		70-130	7		30
Benzene	88		93		70-130	6		30
Toluene	**60**	Q	**66**	Q	70-130	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG856253-1 WG856253-2								
Ethylbenzene	90		95		70-130	5		30
Chloromethane	96		100		52-130	4		30
Bromomethane	62		68		57-147	9		30
Vinyl chloride	71		75		67-130	5		30
Chloroethane	51		52		50-151	2		30
1,1-Dichloroethene	92		96		65-135	4		30
trans-1,2-Dichloroethene	90		94		70-130	4		30
Trichloroethene	88		93		70-130	6		30
1,2-Dichlorobenzene	95		102		70-130	7		30
1,3-Dichlorobenzene	95		101		70-130	6		30
1,4-Dichlorobenzene	95		103		70-130	8		30
Methyl tert butyl ether	89		96		66-130	8		30
p/m-Xylene	89		94		70-130	5		30
o-Xylene	88		93		70-130	6		30
cis-1,2-Dichloroethene	89		95		70-130	7		30
Dibromomethane	87		92		70-130	6		30
Styrene	87		93		70-130	7		30
Dichlorodifluoromethane	99		102		30-146	3		30
Acetone	94		96		54-140	2		30
Carbon disulfide	85		88		59-130	3		30
2-Butanone	81		91		70-130	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG856253-1 WG856253-2								
Vinyl acetate	93		99		70-130	6		30
4-Methyl-2-pentanone	89		95		70-130	7		30
1,2,3-Trichloropropane	93		98		68-130	5		30
2-Hexanone	100		104		70-130	4		30
Bromochloromethane	91		99		70-130	8		30
2,2-Dichloropropane	90		94		70-130	4		30
1,2-Dibromoethane	95		103		70-130	8		30
1,3-Dichloropropane	94		100		69-130	6		30
1,1,1,2-Tetrachloroethane	97		104		70-130	7		30
Bromobenzene	96		104		70-130	8		30
n-Butylbenzene	91		98		70-130	7		30
sec-Butylbenzene	94		100		70-130	6		30
tert-Butylbenzene	94		101		70-130	7		30
o-Chlorotoluene	94		102		70-130	8		30
p-Chlorotoluene	94		102		70-130	8		30
1,2-Dibromo-3-chloropropane	96		100		68-130	4		30
Hexachlorobutadiene	99		108		67-130	9		30
Isopropylbenzene	94		100		70-130	6		30
p-Isopropyltoluene	94		100		70-130	6		30
Naphthalene	98		105		70-130	7		30
Acrylonitrile	99		102		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG856253-1 WG856253-2								
Isopropyl Ether	97		104		66-130	7		30
tert-Butyl Alcohol	94		96		70-130	2		30
n-Propylbenzene	92		98		70-130	6		30
1,2,3-Trichlorobenzene	100		108		70-130	8		30
1,2,4-Trichlorobenzene	100		107		70-130	7		30
1,3,5-Trimethylbenzene	94		101		70-130	7		30
1,2,4-Trimethylbenzene	94		102		70-130	8		30
Methyl Acetate	104		109		51-146	5		30
Ethyl Acetate	104		107		70-130	3		30
Acrolein	99		102		70-130	3		30
Cyclohexane	104		109		59-142	5		30
1,4-Dioxane	92		96		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	97		102		50-139	5		30
p-Diethylbenzene	95		103		70-130	8		30
p-Ethyltoluene	94		100		70-130	6		30
1,2,4,5-Tetramethylbenzene	95		103		70-130	8		30
Tetrahydrofuran	102		106		66-130	4		30
Ethyl ether	67		93		67-130	**33**	Q	30
trans-1,4-Dichloro-2-butene	96		101		70-130	5		30
Methyl cyclohexane	99		104		70-130	5		30
Ethyl-Tert-Butyl-Ether	93		100		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-04 Batch: WG856253-1 WG856253-2								
Tertiary-Amyl Methyl Ether	87		94		70-130	8		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		93		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	107		107		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG856253-4 WG856253-5								
Methylene chloride	107		106		70-130	1		30
1,1-Dichloroethane	98		91		70-130	7		30
Chloroform	93		90		70-130	3		30
Carbon tetrachloride	93		91		70-130	2		30
1,2-Dichloropropane	99		99		70-130	0		30
Dibromochloromethane	94		100		70-130	6		30
2-Chloroethylvinyl ether	100		99		70-130	1		30
1,1,2-Trichloroethane	97		100		70-130	3		30
Tetrachloroethene	99		99		70-130	0		30
Chlorobenzene	99		98		70-130	1		30
Trichlorofluoromethane	**67**	Q	**59**	Q	70-139	13		30
1,2-Dichloroethane	88		86		70-130	2		30
1,1,1-Trichloroethane	92		88		70-130	4		30
Bromodichloromethane	91		91		70-130	0		30
trans-1,3-Dichloropropene	96		97		70-130	1		30
cis-1,3-Dichloropropene	94		94		70-130	0		30
1,1-Dichloropropene	96		91		70-130	5		30
Bromoform	85		94		70-130	10		30
1,1,2,2-Tetrachloroethane	100		103		70-130	3		30
Benzene	97		95		70-130	2		30
Toluene	**69**	Q	**68**	Q	70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG856253-4 WG856253-5								
Ethylbenzene	98		96		70-130	2		30
Chloromethane	102		99		52-130	3		30
Bromomethane	66		61		57-147	8		30
Vinyl chloride	**66**	Q	67		67-130	2		30
Chloroethane	55		**47**	Q	50-151	16		30
1,1-Dichloroethene	99		92		65-135	7		30
trans-1,2-Dichloroethene	97		94		70-130	3		30
Trichloroethene	96		93		70-130	3		30
1,2-Dichlorobenzene	102		103		70-130	1		30
1,3-Dichlorobenzene	103		104		70-130	1		30
1,4-Dichlorobenzene	103		105		70-130	2		30
Methyl tert butyl ether	95		90		66-130	5		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	94		94		70-130	0		30
cis-1,2-Dichloroethene	96		97		70-130	1		30
Dibromomethane	91		92		70-130	1		30
Styrene	92		93		70-130	1		30
Dichlorodifluoromethane	104		97		30-146	7		30
Acetone	102		89		54-140	14		30
Carbon disulfide	90		85		59-130	6		30
2-Butanone	92		88		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG856253-4 WG856253-5								
Vinyl acetate	98		91		70-130	7		30
4-Methyl-2-pentanone	91		92		70-130	1		30
1,2,3-Trichloropropane	98		101		68-130	3		30
2-Hexanone	101		100		70-130	1		30
Bromochloromethane	99		100		70-130	1		30
2,2-Dichloropropane	93		88		70-130	6		30
1,2-Dibromoethane	99		103		70-130	4		30
1,3-Dichloropropane	101		102		69-130	1		30
1,1,1,2-Tetrachloroethane	100		102		70-130	2		30
Bromobenzene	103		107		70-130	4		30
n-Butylbenzene	101		100		70-130	1		30
sec-Butylbenzene	102		101		70-130	1		30
tert-Butylbenzene	102		102		70-130	0		30
o-Chlorotoluene	104		104		70-130	0		30
p-Chlorotoluene	104		104		70-130	0		30
1,2-Dibromo-3-chloropropane	90		100		68-130	11		30
Hexachlorobutadiene	107		107		67-130	0		30
Isopropylbenzene	102		103		70-130	1		30
p-Isopropyltoluene	102		102		70-130	0		30
Naphthalene	101		104		70-130	3		30
Acrylonitrile	103		97		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG856253-4 WG856253-5								
Isopropyl Ether	107		96		66-130	11		30
tert-Butyl Alcohol	91		87		70-130	4		30
n-Propylbenzene	102		101		70-130	1		30
1,2,3-Trichlorobenzene	107		109		70-130	2		30
1,2,4-Trichlorobenzene	109		111		70-130	2		30
1,3,5-Trimethylbenzene	103		104		70-130	1		30
1,2,4-Trimethylbenzene	103		104		70-130	1		30
Methyl Acetate	108		99		51-146	9		30
Ethyl Acetate	104		102		70-130	2		30
Acrolein	103		97		70-130	6		30
Cyclohexane	113		105		59-142	7		30
1,4-Dioxane	102		106		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	106		97		50-139	9		30
p-Diethylbenzene	105		104		70-130	1		30
p-Ethyltoluene	104		104		70-130	0		30
1,2,4,5-Tetramethylbenzene	104		105		70-130	1		30
Tetrahydrofuran	105		100		66-130	5		30
Ethyl ether	82		71		67-130	14		30
trans-1,4-Dichloro-2-butene	100		103		70-130	3		30
Methyl cyclohexane	106		101		70-130	5		30
Ethyl-Tert-Butyl-Ether	99		94		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-03 Batch: WG856253-4 WG856253-5								
Tertiary-Amyl Methyl Ether	92		92		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		86		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	108		110		70-130
Dibromofluoromethane	97		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG856381-1 WG856381-2								
Methylene chloride	100		113		70-130	12		20
1,1-Dichloroethane	108		110		70-130	2		20
Chloroform	104		106		70-130	2		20
2-Chloroethylvinyl ether	79		87		70-130	10		20
Carbon tetrachloride	114		118		63-132	3		20
1,2-Dichloropropane	100		107		70-130	7		20
Dibromochloromethane	103		109		63-130	6		20
1,1,2-Trichloroethane	97		106		70-130	9		20
Tetrachloroethene	103		109		70-130	6		20
Chlorobenzene	98		104		75-130	6		20
Trichlorofluoromethane	87		88		62-150	1		20
1,2-Dichloroethane	101		107		70-130	6		20
1,1,1-Trichloroethane	112		118		67-130	5		20
Bromodichloromethane	100		103		67-130	3		20
trans-1,3-Dichloropropene	96		105		70-130	9		20
cis-1,3-Dichloropropene	96		102		70-130	6		20
1,1-Dichloropropene	104		111		70-130	7		20
Bromoform	84		90		54-136	7		20
1,1,2,2-Tetrachloroethane	96		102		67-130	6		20
Benzene	100		107		70-130	7		20
Toluene	100		110		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG856381-1 WG856381-2								
Ethylbenzene	92		100		70-130	8		20
Chloromethane	113		115		64-130	2		20
Bromomethane	97		103		39-139	6		20
Vinyl chloride	100		101		55-140	1		20
Chloroethane	83		86		55-138	4		20
1,1-Dichloroethene	79		86		61-145	8		20
trans-1,2-Dichloroethene	107		110		70-130	3		20
Trichloroethene	104		108		70-130	4		20
1,2-Dichlorobenzene	95		100		70-130	5		20
1,3-Dichlorobenzene	94		101		70-130	7		20
1,4-Dichlorobenzene	91		99		70-130	8		20
Methyl tert butyl ether	96		100		63-130	4		20
p/m-Xylene	90		99		70-130	10		20
o-Xylene	81		90		70-130	11		20
cis-1,2-Dichloroethene	101		106		70-130	5		20
Dibromomethane	106		111		70-130	5		20
1,2,3-Trichloropropane	89		98		64-130	10		20
Acrylonitrile	109		110		70-130	1		20
Isopropyl Ether	100		104		70-130	4		20
tert-Butyl Alcohol	123		117		70-130	5		20
Styrene	86		94		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG856381-1 WG856381-2								
Dichlorodifluoromethane	104		98		36-147	6		20
Acetone	76		85		58-148	11		20
Carbon disulfide	71		76		51-130	7		20
2-Butanone	88		97		63-138	10		20
Vinyl acetate	100		103		70-130	3		20
4-Methyl-2-pentanone	86		79		59-130	8		20
2-Hexanone	77		85		57-130	10		20
Acrolein	156		**174**	Q	40-160	11		20
Bromochloromethane	109		112		70-130	3		20
2,2-Dichloropropane	111		121		63-133	9		20
1,2-Dibromoethane	99		104		70-130	5		20
1,3-Dichloropropane	96		102		70-130	6		20
1,1,1,2-Tetrachloroethane	106		109		64-130	3		20
Bromobenzene	97		102		70-130	5		20
n-Butylbenzene	86		88		53-136	2		20
sec-Butylbenzene	90		96		70-130	6		20
tert-Butylbenzene	71		78		70-130	9		20
o-Chlorotoluene	92		99		70-130	7		20
p-Chlorotoluene	90		98		70-130	9		20
1,2-Dibromo-3-chloropropane	88		100		41-144	13		20
Hexachlorobutadiene	81		86		63-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG856381-1 WG856381-2								
Isopropylbenzene	90		97		70-130	7		20
p-Isopropyltoluene	85		89		70-130	5		20
Naphthalene	89		94		70-130	5		20
n-Propylbenzene	89		96		69-130	8		20
1,2,3-Trichlorobenzene	96		102		70-130	6		20
1,2,4-Trichlorobenzene	90		94		70-130	4		20
1,3,5-Trimethylbenzene	87		95		64-130	9		20
1,2,4-Trimethylbenzene	90		95		70-130	5		20
Methyl Acetate	109		109		70-130	0		20
Ethyl Acetate	93		103		70-130	10		20
Cyclohexane	104		107		70-130	3		20
Ethyl-Tert-Butyl-Ether	97		101		70-130	4		20
Tertiary-Amyl Methyl Ether	91		96		66-130	5		20
1,4-Dioxane	141		143		56-162	1		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	81		85		70-130	5		20
p-Diethylbenzene	71		76		70-130	7		20
p-Ethyltoluene	80		89		70-130	11		20
1,2,4,5-Tetramethylbenzene	70		77		70-130	10		20
Ethyl ether	71		75		59-134	5		20
trans-1,4-Dichloro-2-butene	91		100		70-130	9		20
Iodomethane	**38**	Q	**42**	Q	70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG856381-1 WG856381-2								
Methyl cyclohexane	95		97		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		90		70-130
Toluene-d8	98		101		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG856576-1 WG856576-2								
Methylene chloride	108		107		70-130	1		30
1,1-Dichloroethane	106		106		70-130	0		30
Chloroform	102		102		70-130	0		30
Carbon tetrachloride	106		106		70-130	0		30
1,2-Dichloropropane	108		108		70-130	0		30
Dibromochloromethane	101		103		70-130	2		30
2-Chloroethylvinyl ether	122		115		70-130	6		30
1,1,2-Trichloroethane	103		102		70-130	1		30
Tetrachloroethene	99		99		70-130	0		30
Chlorobenzene	102		100		70-130	2		30
Trichlorofluoromethane	135		136		70-139	1		30
1,2-Dichloroethane	105		105		70-130	0		30
1,1,1-Trichloroethane	103		101		70-130	2		30
Bromodichloromethane	101		103		70-130	2		30
trans-1,3-Dichloropropene	103		105		70-130	2		30
cis-1,3-Dichloropropene	102		103		70-130	1		30
1,1-Dichloropropene	105		103		70-130	2		30
Bromoform	88		92		70-130	4		30
1,1,2,2-Tetrachloroethane	106		105		70-130	1		30
Benzene	103		103		70-130	0		30
Toluene	74		72		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG856576-1 WG856576-2								
Ethylbenzene	105		103		70-130	2		30
Chloromethane	123		120		52-130	2		30
Bromomethane	119		118		57-147	1		30
Vinyl chloride	127		125		67-130	2		30
Chloroethane	130		131		50-151	1		30
1,1-Dichloroethene	101		98		65-135	3		30
trans-1,2-Dichloroethene	100		99		70-130	1		30
Trichloroethene	101		101		70-130	0		30
1,2-Dichlorobenzene	103		102		70-130	1		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	104		102		70-130	2		30
Methyl tert butyl ether	100		100		66-130	0		30
p/m-Xylene	102		100		70-130	2		30
o-Xylene	101		100		70-130	1		30
cis-1,2-Dichloroethene	101		101		70-130	0		30
Dibromomethane	101		100		70-130	1		30
Styrene	101		99		70-130	2		30
Dichlorodifluoromethane	146		141		30-146	3		30
Acetone	126		123		54-140	2		30
Carbon disulfide	100		99		59-130	1		30
2-Butanone	104		105		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG856576-1 WG856576-2								
Vinyl acetate	116		116		70-130	0		30
4-Methyl-2-pentanone	100		99		70-130	1		30
1,2,3-Trichloropropane	106		105		68-130	1		30
2-Hexanone	120		116		70-130	3		30
Bromochloromethane	100		98		70-130	2		30
2,2-Dichloropropane	104		102		70-130	2		30
1,2-Dibromoethane	100		102		70-130	2		30
1,3-Dichloropropane	105		104		69-130	1		30
1,1,1,2-Tetrachloroethane	104		104		70-130	0		30
Bromobenzene	102		100		70-130	2		30
n-Butylbenzene	114		110		70-130	4		30
sec-Butylbenzene	110		106		70-130	4		30
tert-Butylbenzene	107		104		70-130	3		30
o-Chlorotoluene	110		108		70-130	2		30
p-Chlorotoluene	110		108		70-130	2		30
1,2-Dibromo-3-chloropropane	94		91		68-130	3		30
Hexachlorobutadiene	105		101		67-130	4		30
Isopropylbenzene	107		105		70-130	2		30
p-Isopropyltoluene	109		106		70-130	3		30
Naphthalene	100		98		70-130	2		30
Acrylonitrile	107		108		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG856576-1 WG856576-2								
Isopropyl Ether	121		121		66-130	0		30
tert-Butyl Alcohol	103		100		70-130	3		30
n-Propylbenzene	110		107		70-130	3		30
1,2,3-Trichlorobenzene	103		100		70-130	3		30
1,2,4-Trichlorobenzene	104		100		70-130	4		30
1,3,5-Trimethylbenzene	108		106		70-130	2		30
1,2,4-Trimethylbenzene	109		107		70-130	2		30
Methyl Acetate	123		123		51-146	0		30
Ethyl Acetate	122		121		70-130	1		30
Acrolein	92		99		70-130	7		30
Cyclohexane	123		124		59-142	1		30
1,4-Dioxane	107		105		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		109		50-139	1		30
1,4-Diethylbenzene	114		111		70-130	3		30
4-Ethyltoluene	112		110		70-130	2		30
1,2,4,5-Tetramethylbenzene	109		108		70-130	1		30
Tetrahydrofuran	119		118		66-130	1		30
Ethyl ether	109		112		67-130	3		30
trans-1,4-Dichloro-2-butene	119		119		70-130	0		30
Methyl cyclohexane	116		115		70-130	1		30
Ethyl-Tert-Butyl-Ether	109		108		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG856576-1 WG856576-2								
Tertiary-Amyl Methyl Ether	102		102		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	104		103		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/09/16 00:15
Analytical Date:	01/09/16 16:15		
Analyst:	AL		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
1,2,4-Trichlorobenzene	42	J	ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	35	J	ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	650		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	210		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	270		ug/kg	110	22.	1
Benzo(a)pyrene	250		ug/kg	150	47.	1
Benzo(b)fluoranthene	650		ug/kg	110	32.	1
Benzo(k)fluoranthene	200		ug/kg	110	31.	1
Chrysene	480		ug/kg	110	20.	1
Acenaphthylene	45	J	ug/kg	150	30.	1
Anthracene	88	J	ug/kg	110	37.	1
Benzo(ghi)perylene	380		ug/kg	150	22.	1
Fluorene	27	J	ug/kg	190	19.	1
Phenanthrene	460		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	65	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	350		ug/kg	150	27.	1
Pyrene	610		ug/kg	110	19.	1
Biphenyl	68	J	ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	66	J	ug/kg	190	18.	1
2-Methylnaphthalene	330		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	33	J	ug/kg	190	19.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
Atrazine	ND		ug/kg	150	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	71		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-02	Date Collected:	01/08/16 08:45
Client ID:	SB1_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/12/16 10:54
Analytical Date:	01/12/16 14:36		
Analyst:	AL		
Percent Solids:	64%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	27.	1
Benzidine	ND		ug/kg	860	280	1
n-Nitrosodimethylamine	ND		ug/kg	520	50.	1
1,2,4-Trichlorobenzene	32	J	ug/kg	260	30.	1
Hexachlorobenzene	ND		ug/kg	160	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	35.	1
2-Chloronaphthalene	ND		ug/kg	260	26.	1
1,2-Dichlorobenzene	ND		ug/kg	260	47.	1
1,3-Dichlorobenzene	ND		ug/kg	260	45.	1
1,4-Dichlorobenzene	ND		ug/kg	260	45.	1
3,3'-Dichlorobenzidine	ND		ug/kg	260	69.	1
2,4-Dinitrotoluene	ND		ug/kg	260	52.	1
2,6-Dinitrotoluene	ND		ug/kg	260	45.	1
Fluoranthene	980		ug/kg	160	30.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	260	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	260	40.	1
Azobenzene	ND		ug/kg	260	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	310	44.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	280	26.	1
Hexachlorobutadiene	ND		ug/kg	260	38.	1
Hexachlorocyclopentadiene	ND		ug/kg	740	240	1
Hexachloroethane	ND		ug/kg	210	42.	1
Isophorone	ND		ug/kg	230	34.	1
Naphthalene	470		ug/kg	260	32.	1
Nitrobenzene	ND		ug/kg	230	38.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	260	40.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	260	90.	1
Butyl benzyl phthalate	ND		ug/kg	260	66.	1
Di-n-butylphthalate	ND		ug/kg	260	49.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02 Date Collected: 01/08/16 08:45

Client ID: SB1_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	260	88.	1
Diethyl phthalate	ND		ug/kg	260	24.	1
Dimethyl phthalate	ND		ug/kg	260	54.	1
Benzo(a)anthracene	290		ug/kg	160	29.	1
Benzo(a)pyrene	120	J	ug/kg	210	63.	1
Benzo(b)fluoranthene	1600		ug/kg	160	44.	1
Benzo(k)fluoranthene	410		ug/kg	160	42.	1
Chrysene	760		ug/kg	160	27.	1
Acenaphthylene	ND		ug/kg	210	40.	1
Anthracene	140	J	ug/kg	160	51.	1
Benzo(ghi)perylene	590		ug/kg	210	30.	1
Fluorene	ND		ug/kg	260	25.	1
Phenanthrene	760		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	160	30.	1
Indeno(1,2,3-cd)pyrene	700		ug/kg	210	36.	1
Pyrene	460		ug/kg	160	26.	1
Biphenyl	100	J	ug/kg	590	60.	1
4-Chloroaniline	ND		ug/kg	260	47.	1
2-Nitroaniline	ND		ug/kg	260	50.	1
3-Nitroaniline	ND		ug/kg	260	49.	1
4-Nitroaniline	ND		ug/kg	260	110	1
Dibenzofuran	210	J	ug/kg	260	24.	1
2-Methylnaphthalene	68	J	ug/kg	310	31.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	260	27.	1
Acetophenone	ND		ug/kg	260	32.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	49.	1
p-Chloro-m-cresol	ND		ug/kg	260	39.	1
2-Chlorophenol	ND		ug/kg	260	31.	1
2,4-Dichlorophenol	ND		ug/kg	230	42.	1
2,4-Dimethylphenol	ND		ug/kg	260	86.	1
2-Nitrophenol	ND		ug/kg	560	98.	1
4-Nitrophenol	ND		ug/kg	360	110	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	680	120	1
Pentachlorophenol	ND		ug/kg	210	57.	1
Phenol	ND		ug/kg	260	39.	1
2-Methylphenol	ND		ug/kg	260	40.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	370	41.	1
2,4,5-Trichlorophenol	ND		ug/kg	260	50.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02 Date Collected: 01/08/16 08:45

Client ID: SB1_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	840	260	1
Benzyl Alcohol	ND		ug/kg	260	80.	1
Carbazole	26	J	ug/kg	260	25.	1
Benzaldehyde	ND		ug/kg	340	70.	1
Caprolactam	ND		ug/kg	260	79.	1
Atrazine	ND		ug/kg	210	91.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	260	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	61		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	D	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/09/16 00:15
Analytical Date:	01/11/16 19:02			
Analyst:	AL			
Percent Solids:	93%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	36.	2
Benzidine	ND		ug/kg	1200	380	2
n-Nitrosodimethylamine	ND		ug/kg	700	67.	2
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	2
Hexachlorobenzene	ND		ug/kg	210	39.	2
Bis(2-chloroethyl)ether	ND		ug/kg	320	48.	2
2-Chloronaphthalene	ND		ug/kg	350	35.	2
1,2-Dichlorobenzene	ND		ug/kg	350	63.	2
1,3-Dichlorobenzene	ND		ug/kg	350	60.	2
1,4-Dichlorobenzene	ND		ug/kg	350	61.	2
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	2
2,4-Dinitrotoluene	ND		ug/kg	350	70.	2
2,6-Dinitrotoluene	ND		ug/kg	350	60.	2
Fluoranthene	520		ug/kg	210	40.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	350	38.	2
4-Bromophenyl phenyl ether	ND		ug/kg	350	54.	2
Azobenzene	ND		ug/kg	350	34.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	2
Hexachlorobutadiene	ND		ug/kg	350	51.	2
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	2
Hexachloroethane	ND		ug/kg	280	57.	2
Isophorone	ND		ug/kg	320	46.	2
Naphthalene	100	J	ug/kg	350	43.	2
Nitrobenzene	ND		ug/kg	320	52.	2
NDPA/DPA	ND		ug/kg	280	40.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	2
Butyl benzyl phthalate	ND		ug/kg	350	88.	2
Di-n-butylphthalate	ND		ug/kg	350	67.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 D Date Collected: 01/08/16 10:15
Client ID: SB2_0-2 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	350	120	2
Diethyl phthalate	ND		ug/kg	350	32.	2
Dimethyl phthalate	ND		ug/kg	350	74.	2
Benzo(a)anthracene	320		ug/kg	210	40.	2
Benzo(a)pyrene	290		ug/kg	280	86.	2
Benzo(b)fluoranthene	420		ug/kg	210	59.	2
Benzo(k)fluoranthene	140	J	ug/kg	210	56.	2
Chrysene	360		ug/kg	210	36.	2
Acenaphthylene	64	J	ug/kg	280	54.	2
Anthracene	97	J	ug/kg	210	68.	2
Benzo(ghi)perylene	220	J	ug/kg	280	41.	2
Fluorene	ND		ug/kg	350	34.	2
Phenanthrene	400		ug/kg	210	43.	2
Dibenzo(a,h)anthracene	59	J	ug/kg	210	41.	2
Indeno(1,2,3-cd)pyrene	200	J	ug/kg	280	49.	2
Pyrene	520		ug/kg	210	35.	2
Biphenyl	ND		ug/kg	800	82.	2
4-Chloroaniline	ND		ug/kg	350	64.	2
2-Nitroaniline	ND		ug/kg	350	68.	2
3-Nitroaniline	ND		ug/kg	350	66.	2
4-Nitroaniline	ND		ug/kg	350	140	2
Dibenzofuran	ND		ug/kg	350	33.	2
2-Methylnaphthalene	130	J	ug/kg	420	42.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	37.	2
Acetophenone	ND		ug/kg	350	44.	2
2,4,6-Trichlorophenol	ND		ug/kg	210	67.	2
p-Chloro-m-cresol	ND		ug/kg	350	52.	2
2-Chlorophenol	ND		ug/kg	350	42.	2
2,4-Dichlorophenol	ND		ug/kg	320	56.	2
2,4-Dimethylphenol	ND		ug/kg	350	120	2
2-Nitrophenol	ND		ug/kg	760	130	2
4-Nitrophenol	ND		ug/kg	490	140	2
2,4-Dinitrophenol	ND		ug/kg	1700	160	2
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	2
Pentachlorophenol	ND		ug/kg	280	77.	2
Phenol	ND		ug/kg	350	53.	2
2-Methylphenol	ND		ug/kg	350	54.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	510	55.	2
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 D Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	1100	360	2
Benzyl Alcohol	ND		ug/kg	350	110	2
Carbazole	ND		ug/kg	350	34.	2
Benzaldehyde	ND		ug/kg	460	95.	2
Caprolactam	ND		ug/kg	350	110	2
Atrazine	ND		ug/kg	280	120	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	350	71.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	61		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-04	Date Collected:	01/08/16 10:20
Client ID:	SB2_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/09/16 00:15
Analytical Date:	01/09/16 17:06		
Analyst:	AL		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Benzidine	ND		ug/kg	610	200	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Azobenzene	ND		ug/kg	180	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04 Date Collected: 01/08/16 10:20

Client ID: SB2_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04 Date Collected: 01/08/16 10:20

Client ID: SB2_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
Atrazine	ND		ug/kg	150	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	81		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-05	Date Collected:	01/08/16 08:45
Client ID:	SB3_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/09/16 00:15
Analytical Date:	01/09/16 17:32		
Analyst:	AL		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Benzidine	ND		ug/kg	700	230	1
n-Nitrosodimethylamine	ND		ug/kg	420	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	150		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Azobenzene	ND		ug/kg	210	20.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	40	J	ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05 Date Collected: 01/08/16 08:45

Client ID: SB3_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	82	J	ug/kg	130	24.	1
Benzo(a)pyrene	79	J	ug/kg	170	51.	1
Benzo(b)fluoranthene	170		ug/kg	130	36.	1
Benzo(k)fluoranthene	50	J	ug/kg	130	34.	1
Chrysene	170		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	93	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	120	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	24	J	ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	76	J	ug/kg	170	29.	1
Pyrene	220		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	87.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	67	J	ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	79.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	35	J	ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05 Date Collected: 01/08/16 08:45

Client ID: SB3_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1
Benzaldehyde	ND		ug/kg	280	57.	1
Caprolactam	ND		ug/kg	210	64.	1
Atrazine	ND		ug/kg	170	74.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	83		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	D	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/09/16 00:15
Analytical Date:	01/11/16 19:27			
Analyst:	AL			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	75	J	ug/kg	300	38.	2
Benzidine	ND		ug/kg	1200	400	2
n-Nitrosodimethylamine	ND		ug/kg	740	71.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	42.	2
Hexachlorobenzene	ND		ug/kg	220	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	330	50.	2
2-Chloronaphthalene	ND		ug/kg	370	37.	2
1,2-Dichlorobenzene	ND		ug/kg	370	67.	2
1,3-Dichlorobenzene	ND		ug/kg	370	64.	2
1,4-Dichlorobenzene	ND		ug/kg	370	65.	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	74.	2
2,6-Dinitrotoluene	ND		ug/kg	370	64.	2
Fluoranthene	980		ug/kg	220	43.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	40.	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	57.	2
Azobenzene	ND		ug/kg	370	36.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	440	63.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	37.	2
Hexachlorobutadiene	ND		ug/kg	370	54.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	60.	2
Isophorone	ND		ug/kg	330	48.	2
Naphthalene	ND		ug/kg	370	45.	2
Nitrobenzene	ND		ug/kg	330	55.	2
NDPA/DPA	ND		ug/kg	300	42.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	57.	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	370	130	2
Butyl benzyl phthalate	ND		ug/kg	370	94.	2
Di-n-butylphthalate	ND		ug/kg	370	70.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 D Date Collected: 01/08/16 08:50
Client ID: SB3_4-6 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	370	130	2
Diethyl phthalate	ND		ug/kg	370	34.	2
Dimethyl phthalate	ND		ug/kg	370	78.	2
Benzo(a)anthracene	470		ug/kg	220	42.	2
Benzo(a)pyrene	360		ug/kg	300	91.	2
Benzo(b)fluoranthene	540		ug/kg	220	62.	2
Benzo(k)fluoranthene	170	J	ug/kg	220	59.	2
Chrysene	530		ug/kg	220	39.	2
Acenaphthylene	ND		ug/kg	300	57.	2
Anthracene	190	J	ug/kg	220	72.	2
Benzo(ghi)perylene	220	J	ug/kg	300	44.	2
Fluorene	100	J	ug/kg	370	36.	2
Phenanthrene	1000		ug/kg	220	45.	2
Dibenzo(a,h)anthracene	82	J	ug/kg	220	43.	2
Indeno(1,2,3-cd)pyrene	220	J	ug/kg	300	52.	2
Pyrene	790		ug/kg	220	37.	2
Biphenyl	ND		ug/kg	850	86.	2
4-Chloroaniline	ND		ug/kg	370	68.	2
2-Nitroaniline	ND		ug/kg	370	72.	2
3-Nitroaniline	ND		ug/kg	370	70.	2
4-Nitroaniline	ND		ug/kg	370	150	2
Dibenzofuran	66	J	ug/kg	370	35.	2
2-Methylnaphthalene	55	J	ug/kg	440	45.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	39.	2
Acetophenone	ND		ug/kg	370	46.	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
p-Chloro-m-cresol	ND		ug/kg	370	55.	2
2-Chlorophenol	ND		ug/kg	370	44.	2
2,4-Dichlorophenol	ND		ug/kg	330	60.	2
2,4-Dimethylphenol	ND		ug/kg	370	120	2
2-Nitrophenol	ND		ug/kg	800	140	2
4-Nitrophenol	ND		ug/kg	520	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	170	2
4,6-Dinitro-o-cresol	ND		ug/kg	960	180	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	370	56.	2
2-Methylphenol	ND		ug/kg	370	58.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	530	58.	2
2,4,5-Trichlorophenol	ND		ug/kg	370	71.	2

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 D
Client ID: SB3_4-6
Sample Location: BROOKLYN, NY

Date Collected: 01/08/16 08:50
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	75	J	ug/kg	370	36.	2
Benzaldehyde	ND		ug/kg	490	100	2
Caprolactam	ND		ug/kg	370	110	2
Atrazine	ND		ug/kg	300	130	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	370	75.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	66		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	D	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2		Date Received:	01/08/16
Sample Location:	BROOKLYN, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	01/09/16 00:15
Analytical Date:	01/09/16 19:14			
Analyst:	AL			
Percent Solids:	89%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	740	96.	5
Benzidine	ND		ug/kg	3000	1000	5
n-Nitrosodimethylamine	ND		ug/kg	1800	180	5
1,2,4-Trichlorobenzene	ND		ug/kg	920	100	5
Hexachlorobenzene	ND		ug/kg	550	100	5
Bis(2-chloroethyl)ether	ND		ug/kg	830	120	5
2-Chloronaphthalene	ND		ug/kg	920	92.	5
1,2-Dichlorobenzene	ND		ug/kg	920	160	5
1,3-Dichlorobenzene	ND		ug/kg	920	160	5
1,4-Dichlorobenzene	ND		ug/kg	920	160	5
3,3'-Dichlorobenzidine	ND		ug/kg	920	240	5
2,4-Dinitrotoluene	ND		ug/kg	920	180	5
2,6-Dinitrotoluene	ND		ug/kg	920	160	5
Fluoranthene	330	J	ug/kg	550	100	5
4-Chlorophenyl phenyl ether	ND		ug/kg	920	99.	5
4-Bromophenyl phenyl ether	ND		ug/kg	920	140	5
Azobenzene	ND		ug/kg	920	88.	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1100	160	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1000	92.	5
Hexachlorobutadiene	ND		ug/kg	920	140	5
Hexachlorocyclopentadiene	ND		ug/kg	2600	840	5
Hexachloroethane	ND		ug/kg	740	150	5
Isophorone	ND		ug/kg	830	120	5
Naphthalene	ND		ug/kg	920	110	5
Nitrobenzene	ND		ug/kg	830	140	5
NDPA/DPA	ND		ug/kg	740	100	5
n-Nitrosodi-n-propylamine	ND		ug/kg	920	140	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	920	320	5
Butyl benzyl phthalate	ND		ug/kg	920	230	5
Di-n-butylphthalate	ND		ug/kg	920	170	5

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 D Date Collected: 01/08/16 09:50
Client ID: SB5_0-2 Date Received: 01/08/16
Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	920	310	5
Diethyl phthalate	ND		ug/kg	920	85.	5
Dimethyl phthalate	ND		ug/kg	920	190	5
Benzo(a)anthracene	180	J	ug/kg	550	100	5
Benzo(a)pyrene	ND		ug/kg	740	220	5
Benzo(b)fluoranthene	220	J	ug/kg	550	160	5
Benzo(k)fluoranthene	ND		ug/kg	550	150	5
Chrysene	210	J	ug/kg	550	96.	5
Acenaphthylene	ND		ug/kg	740	140	5
Anthracene	ND		ug/kg	550	180	5
Benzo(ghi)perylene	140	J	ug/kg	740	110	5
Fluorene	ND		ug/kg	920	90.	5
Phenanthrene	220	J	ug/kg	550	110	5
Dibenzo(a,h)anthracene	ND		ug/kg	550	110	5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	740	130	5
Pyrene	310	J	ug/kg	550	92.	5
Biphenyl	ND		ug/kg	2100	210	5
4-Chloroaniline	ND		ug/kg	920	170	5
2-Nitroaniline	ND		ug/kg	920	180	5
3-Nitroaniline	ND		ug/kg	920	170	5
4-Nitroaniline	ND		ug/kg	920	380	5
Dibenzofuran	ND		ug/kg	920	87.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	920	96.	5
Acetophenone	ND		ug/kg	920	110	5
2,4,6-Trichlorophenol	ND		ug/kg	550	170	5
p-Chloro-m-cresol	ND		ug/kg	920	140	5
2-Chlorophenol	ND		ug/kg	920	110	5
2,4-Dichlorophenol	ND		ug/kg	830	150	5
2,4-Dimethylphenol	ND		ug/kg	920	300	5
2-Nitrophenol	ND		ug/kg	2000	350	5
4-Nitrophenol	ND		ug/kg	1300	380	5
2,4-Dinitrophenol	ND		ug/kg	4400	430	5
4,6-Dinitro-o-cresol	ND		ug/kg	2400	440	5
Pentachlorophenol	ND		ug/kg	740	200	5
Phenol	ND		ug/kg	920	140	5
2-Methylphenol	ND		ug/kg	920	140	5
3-Methylphenol/4-Methylphenol	ND		ug/kg	1300	140	5
2,4,5-Trichlorophenol	ND		ug/kg	920	180	5

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 D
Client ID: SB5_0-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/16 09:50
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	3000	930	5
Benzyl Alcohol	ND		ug/kg	920	280	5
Carbazole	ND		ug/kg	920	90.	5
Benzaldehyde	ND		ug/kg	1200	250	5
Caprolactam	ND		ug/kg	920	280	5
Atrazine	ND		ug/kg	740	320	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	920	190	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		25-120
Phenol-d6	26		10-120
Nitrobenzene-d5	34		23-120
2-Fluorobiphenyl	33		30-120
2,4,6-Tribromophenol	28		10-136
4-Terphenyl-d14	31		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-08	Date Collected:	01/08/16 10:00
Client ID:	SB5_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/09/16 00:15
Analytical Date:	01/09/16 17:57		
Analyst:	AL		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Benzidine	ND		ug/kg	630	210	1
n-Nitrosodimethylamine	ND		ug/kg	380	37.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Azobenzene	ND		ug/kg	190	18.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08 Date Collected: 01/08/16 10:00

Client ID: SB5_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08 Date Collected: 01/08/16 10:00

Client ID: SB5_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
Benzaldehyde	ND		ug/kg	250	52.	1
Caprolactam	ND		ug/kg	190	58.	1
Atrazine	ND		ug/kg	150	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	86		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	91		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/16 14:07
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/09/16 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08 Batch: WG855979-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
n-Nitrosodimethylamine	ND		ug/kg	330	31.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Azobenzene	ND		ug/kg	160	16.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/16 14:07
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/09/16 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08 Batch: WG855979-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/16 14:07
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/09/16 00:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-08 Batch: WG855979-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
Atrazine	ND		ug/kg	130	57.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	84		18-120

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/12/16 14:35
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/12/16 10:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG856603-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
n-Nitrosodimethylamine	ND		ug/kg	320	31.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Azobenzene	ND		ug/kg	160	16.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/12/16 14:35
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/12/16 10:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG856603-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/12/16 14:35
Analyst: AL

Extraction Method: EPA 3546
Extraction Date: 01/12/16 10:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG856603-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
Atrazine	ND		ug/kg	130	57.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08 Batch: WG855979-2 WG855979-3								
Acenaphthene	82		114		31-137	33		50
Benzidine	52		**68**	Q	10-66	27		50
n-Nitrosodimethylamine	72		96		22-100	29		50
1,2,4-Trichlorobenzene	82		**111**	Q	38-107	30		50
Hexachlorobenzene	95		133		40-140	33		50
Bis(2-chloroethyl)ether	76		104		40-140	31		50
2-Chloronaphthalene	90		123		40-140	31		50
1,2-Dichlorobenzene	76		102		40-140	29		50
1,3-Dichlorobenzene	74		100		40-140	30		50
1,4-Dichlorobenzene	74		99		28-104	29		50
3,3'-Dichlorobenzidine	45		63		40-140	33		50
2,4-Dinitrotoluene	**95**	Q	**133**	Q	28-89	33		50
2,6-Dinitrotoluene	99		140		40-140	34		50
Fluoranthene	86		123		40-140	35		50
4-Chlorophenyl phenyl ether	88		124		40-140	34		50
4-Bromophenyl phenyl ether	93		128		40-140	32		50
Azobenzene	84		117		40-140	33		50
Bis(2-chloroisopropyl)ether	75		102		40-140	31		50
Bis(2-chloroethoxy)methane	85		116		40-117	31		50
Hexachlorobutadiene	84		112		40-140	29		50
Hexachlorocyclopentadiene	76		106		40-140	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08 Batch: WG855979-2 WG855979-3								
Hexachloroethane	74		102		40-140	32		50
Isophorone	85		116		40-140	31		50
Naphthalene	80		109		40-140	31		50
Nitrobenzene	80		108		40-140	30		50
NitrosoDiPhenylAmine(NDPA)/DPA	87		123		36-157	34		50
n-Nitrosodi-n-propylamine	84		115		32-121	31		50
Bis(2-Ethylhexyl)phthalate	87		119		40-140	31		50
Butyl benzyl phthalate	88		124		40-140	34		50
Di-n-butylphthalate	86		121		40-140	34		50
Di-n-octylphthalate	88		121		40-140	32		50
Diethyl phthalate	86		122		40-140	35		50
Dimethyl phthalate	85		119		40-140	33		50
Benzo(a)anthracene	82		116		40-140	34		50
Benzo(a)pyrene	88		125		40-140	35		50
Benzo(b)fluoranthene	83		117		40-140	34		50
Benzo(k)fluoranthene	81		117		40-140	36		50
Chrysene	84		117		40-140	33		50
Acenaphthylene	88		123		40-140	33		50
Anthracene	84		120		40-140	35		50
Benzo(ghi)perylene	81		116		40-140	36		50
Fluorene	86		120		40-140	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08 Batch: WG855979-2 WG855979-3								
Phenanthrene	83		118		40-140	35		50
Dibenzo(a,h)anthracene	82		116		40-140	34		50
Indeno(1,2,3-cd)Pyrene	84		118		40-140	34		50
Pyrene	85		120		35-142	34		50
Biphenyl	84		**115**	Q	54-104	31		50
Aniline	52		72		40-140	32		50
4-Chloroaniline	88		118		40-140	29		50
2-Nitroaniline	95		134		47-134	34		50
3-Nitroaniline	74		101		26-129	31		50
4-Nitroaniline	87		124		41-125	35		50
Dibenzofuran	84		116		40-140	32		50
2-Methylnaphthalene	86		118		40-140	31		50
1,2,4,5-Tetrachlorobenzene	83		113		40-117	31		50
Acetophenone	85		115		14-144	30		50
2,4,6-Trichlorophenol	91		126		30-130	32		50
P-Chloro-M-Cresol	91		**126**	Q	26-103	32		50
2-Chlorophenol	81		**110**	Q	25-102	30		50
2,4-Dichlorophenol	86		120		30-130	33		50
2,4-Dimethylphenol	88		121		30-130	32		50
2-Nitrophenol	88		123		30-130	33		50
4-Nitrophenol	92		**128**	Q	11-114	33		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08 Batch: WG855979-2 WG855979-3								
2,4-Dinitrophenol	36		52		4-130	36		50
4,6-Dinitro-o-cresol	52		79		10-130	41		50
Pentachlorophenol	79		**118**	Q	17-109	40		50
Phenol	79		**107**	Q	26-90	30		50
2-Methylphenol	83		113		30-130.	31		50
3-Methylphenol/4-Methylphenol	86		117		30-130	31		50
2,4,5-Trichlorophenol	96		**134**	Q	30-130	33		50
Benzoic Acid	17		27		10-66	45		50
Benzyl Alcohol	85		117		40-140	32		50
Carbazole	84		119		54-128	34		50
Benzaldehyde	73		91		40-140	22		50
Caprolactam	89		125		15-130	34		50
Atrazine	103		**148**	Q	40-140	36		50
2,3,4,6-Tetrachlorophenol	94		131		40-140	33		50
Pyridine	57		72		10-93	23		50
Parathion, ethyl	129		**178**	Q	40-140	32		50
1-Methylnaphthalene	84		114		26-130	30		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-08 Batch: WG855979-2 WG855979-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		103		25-120
Phenol-d6	81		110		10-120
Nitrobenzene-d5	81		111		23-120
2-Fluorobiphenyl	86		117		30-120
2,4,6-Tribromophenol	94		134		10-136
4-Terphenyl-d14	85		120		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG856603-2 WG856603-3								
Acenaphthene	74		72		31-137	3		50
Benzidine	37		30		10-66	21		50
n-Nitrosodimethylamine	63		59		22-100	7		50
1,2,4-Trichlorobenzene	76		74		38-107	3		50
Hexachlorobenzene	82		80		40-140	2		50
Bis(2-chloroethyl)ether	71		66		40-140	7		50
2-Chloronaphthalene	77		77		40-140	0		50
1,2-Dichlorobenzene	72		70		40-140	3		50
1,3-Dichlorobenzene	71		68		40-140	4		50
1,4-Dichlorobenzene	72		69		28-104	4		50
3,3'-Dichlorobenzidine	**32**	Q	**28**	Q	40-140	13		50
2,4-Dinitrotoluene	84		83		28-89	1		50
2,6-Dinitrotoluene	84		84		40-140	0		50
Fluoranthene	75		73		40-140	3		50
4-Chlorophenyl phenyl ether	78		76		40-140	3		50
4-Bromophenyl phenyl ether	79		79		40-140	0		50
Azobenzene	69		68		40-140	1		50
Bis(2-chloroisopropyl)ether	67		63		40-140	6		50
Bis(2-chloroethoxy)methane	74		70		40-117	6		50
Hexachlorobutadiene	76		74		40-140	3		50
Hexachlorocyclopentadiene	110		102		40-140	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG856603-2 WG856603-3								
Hexachloroethane	67		65		40-140	3		50
Isophorone	71		68		40-140	4		50
Naphthalene	75		72		40-140	4		50
Nitrobenzene	71		69		40-140	3		50
NitrosoDiPhenylAmine(NDPA)/DPA	79		76		36-157	4		50
n-Nitrosodi-n-propylamine	72		68		32-121	6		50
Bis(2-Ethylhexyl)phthalate	68		67		40-140	1		50
Butyl benzyl phthalate	73		70		40-140	4		50
Di-n-butylphthalate	73		71		40-140	3		50
Di-n-octylphthalate	69		67		40-140	3		50
Diethyl phthalate	75		74		40-140	1		50
Dimethyl phthalate	74		74		40-140	0		50
Benzo(a)anthracene	69		68		40-140	1		50
Benzo(a)pyrene	73		70		40-140	4		50
Benzo(b)fluoranthene	66		64		40-140	3		50
Benzo(k)fluoranthene	70		68		40-140	3		50
Chrysene	71		70		40-140	1		50
Acenaphthylene	78		77		40-140	1		50
Anthracene	78		77		40-140	1		50
Benzo(ghi)perylene	72		69		40-140	4		50
Fluorene	77		76		40-140	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG856603-2 WG856603-3								
Phenanthrene	73		70		40-140	4		50
Dibenzo(a,h)anthracene	71		69		40-140	3		50
Indeno(1,2,3-cd)Pyrene	69		67		40-140	3		50
Pyrene	76		74		35-142	3		50
Biphenyl	74		73		54-104	1		50
Aniline	**38**	Q	**34**	Q	40-140	11		50
4-Chloroaniline	**38**	Q	**37**	Q	40-140	3		50
2-Nitroaniline	81		82		47-134	1		50
3-Nitroaniline	46		40		26-129	14		50
4-Nitroaniline	74		74		41-125	0		50
Dibenzofuran	76		74		40-140	3		50
2-Methylnaphthalene	76		74		40-140	3		50
1,2,4,5-Tetrachlorobenzene	75		72		40-117	4		50
Acetophenone	79		73		14-144	8		50
2,4,6-Trichlorophenol	83		82		30-130	1		50
P-Chloro-M-Cresol	78		76		26-103	3		50
2-Chlorophenol	77		72		25-102	7		50
2,4-Dichlorophenol	81		79		30-130	3		50
2,4-Dimethylphenol	84		80		30-130	5		50
2-Nitrophenol	80		77		30-130	4		50
4-Nitrophenol	81		81		11-114	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG856603-2 WG856603-3								
2,4-Dinitrophenol	78		78		4-130	0		50
4,6-Dinitro-o-cresol	79		79		10-130	0		50
Pentachlorophenol	82		81		17-109	1		50
Phenol	73		69		26-90	6		50
2-Methylphenol	79		75		30-130.	5		50
3-Methylphenol/4-Methylphenol	81		76		30-130	6		50
2,4,5-Trichlorophenol	81		80		30-130	1		50
Benzoic Acid	**80**	Q	**80**	Q	10-66	0		50
Benzyl Alcohol	71		67		40-140	6		50
Carbazole	74		72		54-128	3		50
Benzaldehyde	66		57		40-140	15		50
Caprolactam	83		80		15-130	4		50
Atrazine	75		70		40-140	7		50
2,3,4,6-Tetrachlorophenol	81		77		40-140	5		50
Pyridine	51		47		10-93	8		50
Parathion, ethyl	90		84		40-140	7		50
1-Methylnaphthalene	71		69		26-130	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG856603-2 WG856603-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		70		25-120
Phenol-d6	75		72		10-120
Nitrobenzene-d5	71		68		23-120
2-Fluorobiphenyl	77		76		30-120
2,4,6-Tribromophenol	80		79		10-136
4-Terphenyl-d14	76		74		18-120

PCBS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 18:52	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	ND		ug/kg	37.0	3.12	1	A
Aroclor 1254	148	PI	ug/kg	37.0	3.04	1	A
Aroclor 1260	119		ug/kg	37.0	2.82	1	B
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.36	1	A
PCBs, Total	267		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-02	Date Collected:	01/08/16 08:45
Client ID:	SB1_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 19:05	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	64%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.6	4.00	1	A
Aroclor 1221	ND		ug/kg	50.6	4.67	1	A
Aroclor 1232	ND		ug/kg	50.6	5.93	1	A
Aroclor 1242	ND		ug/kg	50.6	6.20	1	A
Aroclor 1248	ND		ug/kg	50.6	4.27	1	A
Aroclor 1254	39.4	J	ug/kg	50.6	4.16	1	B
Aroclor 1260	ND		ug/kg	50.6	3.86	1	A
Aroclor 1262	ND		ug/kg	50.6	2.51	1	A
Aroclor 1268	ND		ug/kg	50.6	7.34	1	A
PCBs, Total	39.4	J	ug/kg	50.6	2.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 19:18	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	93%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	2.78	1	A
Aroclor 1221	ND		ug/kg	35.2	3.24	1	A
Aroclor 1232	ND		ug/kg	35.2	4.12	1	A
Aroclor 1242	ND		ug/kg	35.2	4.30	1	A
Aroclor 1248	ND		ug/kg	35.2	2.97	1	A
Aroclor 1254	ND		ug/kg	35.2	2.89	1	A
Aroclor 1260	ND		ug/kg	35.2	2.68	1	A
Aroclor 1262	ND		ug/kg	35.2	1.74	1	A
Aroclor 1268	ND		ug/kg	35.2	5.10	1	A
PCBs, Total	ND		ug/kg	35.2	1.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-04	Date Collected:	01/08/16 10:20
Client ID:	SB2_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 19:31	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	88%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	2.96	1	A
Aroclor 1221	ND		ug/kg	37.4	3.45	1	A
Aroclor 1232	ND		ug/kg	37.4	4.39	1	A
Aroclor 1242	ND		ug/kg	37.4	4.58	1	A
Aroclor 1248	ND		ug/kg	37.4	3.16	1	A
Aroclor 1254	ND		ug/kg	37.4	3.08	1	A
Aroclor 1260	ND		ug/kg	37.4	2.85	1	A
Aroclor 1262	ND		ug/kg	37.4	1.86	1	A
Aroclor 1268	ND		ug/kg	37.4	5.43	1	A
PCBs, Total	ND		ug/kg	37.4	1.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-05	Date Collected:	01/08/16 08:45
Client ID:	SB3_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 19:44	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	78%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.7	3.37	1	A
Aroclor 1221	ND		ug/kg	42.7	3.93	1	A
Aroclor 1232	ND		ug/kg	42.7	5.00	1	A
Aroclor 1242	ND		ug/kg	42.7	5.22	1	A
Aroclor 1248	112		ug/kg	42.7	3.60	1	A
Aroclor 1254	95.6		ug/kg	42.7	3.51	1	B
Aroclor 1260	112		ug/kg	42.7	3.25	1	A
Aroclor 1262	ND		ug/kg	42.7	2.12	1	A
Aroclor 1268	ND		ug/kg	42.7	6.19	1	A
PCBs, Total	320		ug/kg	42.7	2.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 19:57	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	2.92	1	A
Aroclor 1221	ND		ug/kg	37.0	3.41	1	A
Aroclor 1232	ND		ug/kg	37.0	4.34	1	A
Aroclor 1242	ND		ug/kg	37.0	4.53	1	A
Aroclor 1248	107		ug/kg	37.0	3.12	1	B
Aroclor 1254	97.7		ug/kg	37.0	3.04	1	B
Aroclor 1260	110		ug/kg	37.0	2.82	1	A
Aroclor 1262	ND		ug/kg	37.0	1.84	1	A
Aroclor 1268	ND		ug/kg	37.0	5.37	1	A
PCBs, Total	315		ug/kg	37.0	1.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	40		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/09/16 01:39
Analytical Date:	01/09/16 20:10	Cleanup Method:	EPA 3665A
Analyst:	TQ	Cleanup Date:	01/09/16
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	2.89	1	A
Aroclor 1221	ND		ug/kg	36.6	3.37	1	A
Aroclor 1232	ND		ug/kg	36.6	4.28	1	A
Aroclor 1242	ND		ug/kg	36.6	4.47	1	A
Aroclor 1248	ND		ug/kg	36.6	3.08	1	A
Aroclor 1254	39.0		ug/kg	36.6	3.00	1	B
Aroclor 1260	98.6		ug/kg	36.6	2.78	1	A
Aroclor 1262	ND		ug/kg	36.6	1.81	1	A
Aroclor 1268	69.4		ug/kg	36.6	5.30	1	B
PCBs, Total	207		ug/kg	36.6	1.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-08	Date Collected:	01/08/16 10:00
Client ID:	SB5_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/11/16 18:35
Analytical Date:	01/12/16 09:36	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/12/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/12/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.03	1	A
Aroclor 1221	ND		ug/kg	38.4	3.54	1	A
Aroclor 1232	ND		ug/kg	38.4	4.50	1	A
Aroclor 1242	ND		ug/kg	38.4	4.69	1	A
Aroclor 1248	ND		ug/kg	38.4	3.24	1	A
Aroclor 1254	ND		ug/kg	38.4	3.15	1	A
Aroclor 1260	ND		ug/kg	38.4	2.92	1	A
Aroclor 1262	ND		ug/kg	38.4	1.90	1	A
Aroclor 1268	ND		ug/kg	38.4	5.56	1	A
PCBs, Total	ND		ug/kg	38.4	1.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/11/16 13:13
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 01/09/16 01:39
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-07 Batch: WG855984-1						
Aroclor 1016	ND		ug/kg	31.6	2.50	A
Aroclor 1221	ND		ug/kg	31.6	2.92	A
Aroclor 1232	ND		ug/kg	31.6	3.71	A
Aroclor 1242	ND		ug/kg	31.6	3.87	A
Aroclor 1248	ND		ug/kg	31.6	2.67	A
Aroclor 1254	ND		ug/kg	31.6	2.60	A
Aroclor 1260	ND		ug/kg	31.6	2.41	A
Aroclor 1262	ND		ug/kg	31.6	1.57	A
Aroclor 1268	ND		ug/kg	31.6	4.59	A
PCBs, Total	ND		ug/kg	31.6	1.57	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/12/16 10:07
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 01/11/16 18:35
Cleanup Method: EPA 3665A
Cleanup Date: 01/12/16
Cleanup Method: EPA 3660B
Cleanup Date: 01/12/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 08 Batch: WG856392-1						
Aroclor 1016	ND		ug/kg	32.0	2.53	A
Aroclor 1221	ND		ug/kg	32.0	2.95	A
Aroclor 1232	ND		ug/kg	32.0	3.75	A
Aroclor 1242	ND		ug/kg	32.0	3.92	A
Aroclor 1248	ND		ug/kg	32.0	2.70	A
Aroclor 1254	ND		ug/kg	32.0	2.63	A
Aroclor 1260	ND		ug/kg	32.0	2.44	A
Aroclor 1262	ND		ug/kg	32.0	1.59	A
Aroclor 1268	ND		ug/kg	32.0	4.64	A
PCBs, Total	ND		ug/kg	32.0	1.59	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-07 Batch: WG855984-2 WG855984-3									
Aroclor 1016	71		76		40-140	7		50	A
Aroclor 1260	79		85		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		74		30-150	A
Decachlorobiphenyl	78		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	B
Decachlorobiphenyl	83		91		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002
Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 08 Batch: WG856392-2 WG856392-3									
Aroclor 1016	88		87		40-140	1		50	A
Aroclor 1260	86		87		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		79		30-150	A
Decachlorobiphenyl	95		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		74		30-150	B
Decachlorobiphenyl	75		73		30-150	B

PESTICIDES

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/10/16 17:44	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.361	1	A
Lindane	ND		ug/kg	0.768	0.343	1	A
Alpha-BHC	ND		ug/kg	0.768	0.218	1	A
Beta-BHC	ND		ug/kg	1.84	0.698	1	A
Heptachlor	ND		ug/kg	0.921	0.413	1	A
Aldrin	ND		ug/kg	1.84	0.649	1	A
Heptachlor epoxide	ND		ug/kg	3.45	1.04	1	A
Endrin	ND		ug/kg	0.768	0.315	1	A
Endrin ketone	ND		ug/kg	1.84	0.474	1	A
Dieldrin	ND		ug/kg	1.15	0.576	1	A
4,4'-DDE	19.9		ug/kg	1.84	0.426	1	A
4,4'-DDD	ND		ug/kg	1.84	0.657	1	A
4,4'-DDT	ND		ug/kg	3.45	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.435	1	A
Endosulfan II	ND		ug/kg	1.84	0.616	1	A
Endosulfan sulfate	ND		ug/kg	0.768	0.365	1	A
Methoxychlor	ND		ug/kg	3.45	1.07	1	A
Toxaphene	ND		ug/kg	34.5	9.67	1	A
cis-Chlordane	ND		ug/kg	2.30	0.642	1	A
trans-Chlordane	ND		ug/kg	2.30	0.608	1	A
Chlordane	ND		ug/kg	15.0	6.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	109		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-01	Date Collected:	01/08/16 08:00
Client ID:	SB1_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 20:59		
Analyst:	AM		
Percent Solids:	85%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.96	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	82		30-150	A
DCAA	80		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-02	Date Collected:	01/08/16 08:45
Client ID:	SB1_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/10/16 18:01	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	64%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.44	0.477	1	A
Lindane	ND		ug/kg	1.01	0.454	1	A
Alpha-BHC	ND		ug/kg	1.01	0.288	1	A
Beta-BHC	ND		ug/kg	2.44	0.923	1	A
Heptachlor	ND		ug/kg	1.22	0.546	1	A
Aldrin	ND		ug/kg	2.44	0.857	1	A
Heptachlor epoxide	ND		ug/kg	4.56	1.37	1	A
Endrin	ND		ug/kg	1.01	0.416	1	A
Endrin ketone	ND		ug/kg	2.44	0.627	1	A
Dieldrin	ND		ug/kg	1.52	0.761	1	A
4,4'-DDE	23.5	PI	ug/kg	2.44	0.563	1	A
4,4'-DDD	15.4	PI	ug/kg	2.44	0.868	1	A
4,4'-DDT	45.6		ug/kg	4.56	1.96	1	B
Endosulfan I	ND		ug/kg	2.44	0.575	1	A
Endosulfan II	ND		ug/kg	2.44	0.814	1	A
Endosulfan sulfate	ND		ug/kg	1.01	0.483	1	A
Methoxychlor	ND		ug/kg	4.56	1.42	1	A
Toxaphene	ND		ug/kg	45.6	12.8	1	A
cis-Chlordane	ND		ug/kg	3.04	0.848	1	A
trans-Chlordane	ND		ug/kg	3.04	0.804	1	A
Chlordane	ND		ug/kg	19.8	8.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	115		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-02	Date Collected:	01/08/16 08:45
Client ID:	SB1_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 21:18		
Analyst:	AM		
Percent Solids:	64%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	257	16.2	1	A
2,4,5-T	ND		ug/kg	257	7.98	1	A
2,4,5-TP (Silvex)	ND		ug/kg	257	6.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	83		30-150	A
DCAA	79		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/10/16 18:17	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.71	0.335	1	A
Lindane	ND		ug/kg	0.713	0.319	1	A
Alpha-BHC	ND		ug/kg	0.713	0.202	1	A
Beta-BHC	ND		ug/kg	1.71	0.649	1	A
Heptachlor	ND		ug/kg	0.856	0.384	1	A
Aldrin	ND		ug/kg	1.71	0.603	1	A
Heptachlor epoxide	ND		ug/kg	3.21	0.963	1	A
Endrin	ND		ug/kg	0.713	0.292	1	A
Endrin ketone	ND		ug/kg	1.71	0.441	1	A
Dieldrin	ND		ug/kg	1.07	0.535	1	A
4,4'-DDE	78.1		ug/kg	1.71	0.396	1	B
4,4'-DDD	21.3		ug/kg	1.71	0.610	1	B
4,4'-DDT	58.6		ug/kg	3.21	1.38	1	B
Endosulfan I	ND		ug/kg	1.71	0.404	1	A
Endosulfan II	ND	PI	ug/kg	1.71	0.572	1	A
Endosulfan sulfate	ND		ug/kg	0.713	0.340	1	A
Methoxychlor	ND		ug/kg	3.21	0.999	1	A
Toxaphene	ND		ug/kg	32.1	8.99	1	A
cis-Chlordane	ND		ug/kg	2.14	0.596	1	A
trans-Chlordane	ND		ug/kg	2.14	0.565	1	A
Chlordane	ND		ug/kg	13.9	5.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	75		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-03	Date Collected:	01/08/16 10:15
Client ID:	SB2_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 21:38		
Analyst:	AM		
Percent Solids:	93%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	176	11.1	1	A
2,4,5-T	ND		ug/kg	176	5.45	1	A
2,4,5-TP (Silvex)	ND		ug/kg	176	4.68	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	81		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-04	Date Collected:	01/08/16 10:20
Client ID:	SB2_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/09/16 22:01	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.672	1	A
Heptachlor	ND		ug/kg	0.886	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.624	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.554	1	A
4,4'-DDE	ND		ug/kg	1.77	0.410	1	A
4,4'-DDD	ND		ug/kg	1.77	0.632	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.30	1	A
cis-Chlordane	ND		ug/kg	2.21	0.617	1	A
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.4	5.87	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	111		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-04	Date Collected:	01/08/16 10:20
Client ID:	SB2_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 21:58		
Analyst:	AM		
Percent Solids:	88%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	188	11.9	1	A
2,4,5-T	ND		ug/kg	188	5.84	1	A
2,4,5-TP (Silvex)	ND		ug/kg	188	5.01	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	95		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-05	Date Collected:	01/08/16 08:45
Client ID:	SB3_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/09/16 22:16	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.01	0.394	1	A
Lindane	ND		ug/kg	0.840	0.375	1	A
Alpha-BHC	ND		ug/kg	0.840	0.238	1	A
Beta-BHC	ND		ug/kg	2.01	0.764	1	A
Heptachlor	ND		ug/kg	1.01	0.452	1	A
Aldrin	ND		ug/kg	2.01	0.709	1	A
Heptachlor epoxide	ND		ug/kg	3.78	1.13	1	A
Endrin	ND		ug/kg	0.840	0.344	1	A
Endrin ketone	ND		ug/kg	2.01	0.519	1	A
Dieldrin	ND		ug/kg	1.26	0.630	1	A
4,4'-DDE	ND		ug/kg	2.01	0.466	1	A
4,4'-DDD	ND		ug/kg	2.01	0.719	1	A
4,4'-DDT	ND		ug/kg	3.78	1.62	1	A
Endosulfan I	ND		ug/kg	2.01	0.476	1	A
Endosulfan II	ND		ug/kg	2.01	0.673	1	A
Endosulfan sulfate	ND		ug/kg	0.840	0.400	1	A
Methoxychlor	ND		ug/kg	3.78	1.18	1	A
Toxaphene	ND		ug/kg	37.8	10.6	1	A
cis-Chlordane	ND		ug/kg	2.52	0.702	1	A
trans-Chlordane	ND		ug/kg	2.52	0.665	1	A
Chlordane	ND		ug/kg	16.4	6.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	112		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-05	Date Collected:	01/08/16 08:45
Client ID:	SB3_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 22:17		
Analyst:	AM		
Percent Solids:	78%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	213	13.4	1	A
2,4,5-T	ND		ug/kg	213	6.60	1	A
2,4,5-TP (Silvex)	ND		ug/kg	213	5.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	87		30-150	A
DCAA	87		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/10/16 18:33	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.343	1	A
Lindane	ND		ug/kg	0.730	0.326	1	A
Alpha-BHC	ND		ug/kg	0.730	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.876	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.617	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.986	1	A
Endrin	ND		ug/kg	0.730	0.299	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	8.03		ug/kg	1.10	0.548	1	A
4,4'-DDE	5.66	PI	ug/kg	1.75	0.405	1	B
4,4'-DDD	ND		ug/kg	1.75	0.625	1	A
4,4'-DDT	13.3	PI	ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	0.614	JPI	ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.730	0.348	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.20	1	A
cis-Chlordane	ND		ug/kg	2.19	0.610	1	A
trans-Chlordane	ND		ug/kg	2.19	0.578	1	A
Chlordane	ND		ug/kg	14.2	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	101		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-06	Date Collected:	01/08/16 08:50
Client ID:	SB3_4-6	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 22:56		
Analyst:	AM		
Percent Solids:	89%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.7	1	A
2,4,5-T	ND		ug/kg	185	5.74	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	81		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/11/16 16:06	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	16.7		ug/kg	1.09	0.544	1	A
4,4'-DDE	6.54	PI	ug/kg	1.74	0.402	1	B
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.1	5.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	**161**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	134		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-07	Date Collected:	01/08/16 09:50
Client ID:	SB5_0-2	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 23:16		
Analyst:	AM		
Percent Solids:	89%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	185	11.6	1	A
2,4,5-T	ND		ug/kg	185	5.72	1	A
2,4,5-TP (Silvex)	ND		ug/kg	185	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	76		30-150	A
DCAA	76		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-08	Date Collected:	01/08/16 10:00
Client ID:	SB5_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	01/09/16 01:37
Analytical Date:	01/09/16 23:01	Cleanup Method:	EPA 3620B
Analyst:	KE	Cleanup Date:	01/09/16
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.01	1	A
Endrin	ND		ug/kg	0.745	0.306	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.590	1	A
Chlordane	ND		ug/kg	14.5	5.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID:	L1600636-08	Date Collected:	01/08/16 10:00
Client ID:	SB5_2-4	Date Received:	01/08/16
Sample Location:	BROOKLYN, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	01/09/16 09:56
Analytical Date:	01/11/16 23:36		
Analyst:	AM		
Percent Solids:	87%		
Methylation Date:	01/11/16 14:48		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	192	12.1	1	A
2,4,5-T	ND		ug/kg	192	5.95	1	A
2,4,5-TP (Silvex)	ND		ug/kg	192	5.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	79		30-150	B

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/09/16 19:58
Analyst: KE

Extraction Method: EPA 3546
Extraction Date: 01/09/16 01:37
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG855983-1						
Delta-BHC	ND		ug/kg	1.52	0.298	A
Lindane	ND		ug/kg	0.634	0.284	A
Alpha-BHC	ND		ug/kg	0.634	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.577	A
Heptachlor	ND		ug/kg	0.761	0.341	A
Aldrin	ND		ug/kg	1.52	0.536	A
Heptachlor epoxide	ND		ug/kg	2.86	0.856	A
Endrin	ND		ug/kg	0.634	0.260	A
Endrin ketone	ND		ug/kg	1.52	0.392	A
Dieldrin	ND		ug/kg	0.952	0.476	A
4,4'-DDE	ND		ug/kg	1.52	0.352	A
4,4'-DDD	ND		ug/kg	1.52	0.543	A
4,4'-DDT	ND		ug/kg	2.86	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.360	A
Endosulfan II	ND		ug/kg	1.52	0.509	A
Endosulfan sulfate	ND		ug/kg	0.634	0.302	A
Methoxychlor	ND		ug/kg	2.86	0.888	A
Toxaphene	ND		ug/kg	28.6	7.99	A
cis-Chlordane	ND		ug/kg	1.90	0.530	A
trans-Chlordane	ND		ug/kg	1.90	0.502	A
Chlordane	ND		ug/kg	12.4	5.04	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	144		30-150	B
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	**194**	Q	30-150	A

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 01/11/16 19:21
Analyst: AM

Extraction Method: EPA 8151A
Extraction Date: 01/09/16 09:56

Methylation Date: 01/11/16 14:48

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-08 Batch: WG856030-1						
2,4-D	ND		ug/kg	162	10.2	A
2,4,5-T	ND		ug/kg	162	5.02	A
2,4,5-TP (Silvex)	ND		ug/kg	162	4.31	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	71		30-150	A
DCAA	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG855983-2 WG855983-3									
Delta-BHC	99		89		30-150	11		30	A
Lindane	91		81		30-150	12		30	A
Alpha-BHC	95		86		30-150	10		30	A
Beta-BHC	103		81		30-150	24		30	A
Heptachlor	85		77		30-150	10		30	A
Aldrin	100		90		30-150	11		30	A
Heptachlor epoxide	94		86		30-150	9		30	A
Endrin	107		98		30-150	9		30	A
Endrin ketone	85		79		30-150	7		30	A
Dieldrin	105		95		30-150	10		30	A
4,4'-DDE	109		97		30-150	12		30	A
4,4'-DDD	109		96		30-150	13		30	A
4,4'-DDT	98		88		30-150	11		30	A
Endosulfan I	100		92		30-150	8		30	A
Endosulfan II	96		90		30-150	6		30	A
Endosulfan sulfate	84		78		30-150	7		30	A
Methoxychlor	87		81		30-150	7		30	A
cis-Chlordane	97		87		30-150	11		30	A
trans-Chlordane	101		93		30-150	8		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG855983-2 WG855983-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		73		30-150	B
Decachlorobiphenyl	115		105		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		75		30-150	A
Decachlorobiphenyl	150		134		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG856030-2 WG856030-3									
2,4-D	67		86		30-150	25		30	A
2,4,5-T	65		83		30-150	24		30	A
2,4,5-TP (Silvex)	77		98		30-150	24		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	74		96		30-150	A
DCAA	81		99		30-150	B

METALS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01 Date Collected: 01/08/16 08:00

Client ID: SB1_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5000		mg/kg	9.3	1.8	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Antimony, Total	6.8		mg/kg	4.6	0.74	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Arsenic, Total	330		mg/kg	0.93	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Barium, Total	80		mg/kg	0.93	0.28	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Beryllium, Total	0.78		mg/kg	0.46	0.09	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Cadmium, Total	2.4		mg/kg	0.93	0.07	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Calcium, Total	66000		mg/kg	9.3	2.8	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Chromium, Total	18		mg/kg	0.93	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Cobalt, Total	7.0		mg/kg	1.8	0.46	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Copper, Total	640		mg/kg	0.93	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Iron, Total	25000		mg/kg	4.6	1.8	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Lead, Total	450		mg/kg	4.6	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Magnesium, Total	830		mg/kg	9.3	0.93	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Manganese, Total	67		mg/kg	0.93	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Mercury, Total	9.4		mg/kg	0.77	0.16	10	01/09/16 08:30	01/11/16 15:18	EPA 7471B	1,7471B	DB
Nickel, Total	19		mg/kg	2.3	0.37	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Potassium, Total	940		mg/kg	230	37.	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Selenium, Total	540		mg/kg	1.8	0.28	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Silver, Total	0.65	J	mg/kg	0.93	0.18	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Sodium, Total	660		mg/kg	180	28.	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Thallium, Total	0.77	J	mg/kg	1.8	0.37	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Vanadium, Total	31		mg/kg	0.93	0.09	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS
Zinc, Total	200		mg/kg	4.6	0.65	2	01/09/16 04:40	01/11/16 16:34	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02 Date Collected: 01/08/16 08:45

Client ID: SB1_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 64%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6600		mg/kg	12	2.5	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Antimony, Total	7.1		mg/kg	6.2	0.99	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Arsenic, Total	440		mg/kg	1.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Barium, Total	91		mg/kg	1.2	0.37	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Beryllium, Total	1.0		mg/kg	0.62	0.12	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Cadmium, Total	3.2		mg/kg	1.2	0.09	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Calcium, Total	57000		mg/kg	12	3.7	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Chromium, Total	24		mg/kg	1.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Cobalt, Total	5.9		mg/kg	2.5	0.62	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Copper, Total	670		mg/kg	1.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Iron, Total	24000		mg/kg	6.2	2.5	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Lead, Total	550		mg/kg	6.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Magnesium, Total	600		mg/kg	12	1.2	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Manganese, Total	24		mg/kg	1.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Mercury, Total	7.1		mg/kg	1.0	0.22	10	01/09/16 08:30	01/11/16 15:24	EPA 7471B	1,7471B	DB
Nickel, Total	21		mg/kg	3.1	0.50	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Potassium, Total	930		mg/kg	310	50.	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Selenium, Total	560		mg/kg	2.5	0.37	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Silver, Total	0.38	J	mg/kg	1.2	0.25	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Sodium, Total	530		mg/kg	250	37.	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Thallium, Total	1.2	J	mg/kg	2.5	0.50	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Vanadium, Total	49		mg/kg	1.2	0.12	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS
Zinc, Total	88		mg/kg	6.2	0.87	2	01/09/16 04:40	01/11/16 16:38	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03 Date Collected: 01/08/16 10:15

Client ID: SB2_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	2100		mg/kg	8.4	1.7	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Antimony, Total	2.6	J	mg/kg	4.2	0.68	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Arsenic, Total	21		mg/kg	0.84	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Barium, Total	52		mg/kg	0.84	0.25	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Beryllium, Total	0.28	J	mg/kg	0.42	0.08	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Cadmium, Total	1.0		mg/kg	0.84	0.06	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Calcium, Total	7700		mg/kg	8.4	2.5	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Chromium, Total	7.4		mg/kg	0.84	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Cobalt, Total	3.8		mg/kg	1.7	0.42	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Copper, Total	87		mg/kg	0.84	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Iron, Total	10000		mg/kg	4.2	1.7	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Lead, Total	130		mg/kg	4.2	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Magnesium, Total	3800		mg/kg	8.4	0.84	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Manganese, Total	46		mg/kg	0.84	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Mercury, Total	0.21		mg/kg	0.07	0.01	1	01/09/16 08:30	01/11/16 14:27	EPA 7471B	1,7471B	DB
Nickel, Total	15		mg/kg	2.1	0.34	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Potassium, Total	290		mg/kg	210	34.	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Selenium, Total	1.4	J	mg/kg	1.7	0.25	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.84	0.17	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Sodium, Total	220		mg/kg	170	25.	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.34	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Vanadium, Total	9.0		mg/kg	0.84	0.08	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS
Zinc, Total	64		mg/kg	4.2	0.59	2	01/09/16 04:40	01/11/16 16:43	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04 Date Collected: 01/08/16 10:20

Client ID: SB2_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9000		mg/kg	9.0	1.8	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Antimony, Total	0.85	J	mg/kg	4.5	0.72	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Arsenic, Total	4.3		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Barium, Total	42		mg/kg	0.90	0.27	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Beryllium, Total	0.32	J	mg/kg	0.45	0.09	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.90	0.06	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Calcium, Total	25000		mg/kg	9.0	2.7	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Chromium, Total	7.0		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Cobalt, Total	2.1		mg/kg	1.8	0.45	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Copper, Total	6.6		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Iron, Total	8800		mg/kg	4.5	1.8	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Lead, Total	6.8		mg/kg	4.5	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Magnesium, Total	11000		mg/kg	9.0	0.90	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Manganese, Total	410		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/09/16 08:30	01/11/16 14:29	EPA 7471B	1,7471B	DB
Nickel, Total	4.7		mg/kg	2.2	0.36	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Potassium, Total	950		mg/kg	220	36.	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.27	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Sodium, Total	1200		mg/kg	180	27.	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Vanadium, Total	15		mg/kg	0.90	0.09	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS
Zinc, Total	7.9		mg/kg	4.5	0.63	2	01/09/16 04:40	01/11/16 16:46	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05 Date Collected: 01/08/16 08:45

Client ID: SB3_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5300		mg/kg	10	2.0	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Antimony, Total	3.0	J	mg/kg	5.1	0.81	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Arsenic, Total	22		mg/kg	1.0	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Barium, Total	260		mg/kg	1.0	0.30	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Beryllium, Total	0.49	J	mg/kg	0.51	0.10	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Cadmium, Total	1.1		mg/kg	1.0	0.07	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Calcium, Total	74000		mg/kg	10	3.0	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Chromium, Total	22		mg/kg	1.0	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Cobalt, Total	6.0		mg/kg	2.0	0.51	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Copper, Total	170		mg/kg	1.0	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Iron, Total	17000		mg/kg	5.1	2.0	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Lead, Total	290		mg/kg	5.1	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Magnesium, Total	40000		mg/kg	10	1.0	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Manganese, Total	250		mg/kg	1.0	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Mercury, Total	1.8		mg/kg	0.08	0.02	1	01/09/16 08:30	01/11/16 14:31	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.5	0.41	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Potassium, Total	770		mg/kg	250	41.	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Selenium, Total	2.7		mg/kg	2.0	0.30	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	1.0	0.20	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Sodium, Total	500		mg/kg	200	30.	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	2.0	0.41	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Vanadium, Total	23		mg/kg	1.0	0.10	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS
Zinc, Total	160		mg/kg	5.1	0.71	2	01/09/16 04:40	01/11/16 16:50	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06 Date Collected: 01/08/16 08:50

Client ID: SB3_4-6 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	1600		mg/kg	8.7	1.7	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Antimony, Total	1.3	J	mg/kg	4.3	0.69	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Arsenic, Total	8.3		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Barium, Total	85		mg/kg	0.87	0.26	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Beryllium, Total	0.16	J	mg/kg	0.43	0.09	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Cadmium, Total	0.45	J	mg/kg	0.87	0.06	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Calcium, Total	150000		mg/kg	87	26.	20	01/09/16 04:40	01/11/16 17:25	EPA 3050B	1,6010C	PS
Chromium, Total	6.2		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Cobalt, Total	3.3		mg/kg	1.7	0.43	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Copper, Total	60		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Iron, Total	9000		mg/kg	4.3	1.7	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Lead, Total	86		mg/kg	4.3	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Magnesium, Total	74000		mg/kg	8.7	0.87	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Manganese, Total	180		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Mercury, Total	0.41		mg/kg	0.08	0.02	1	01/09/16 08:30	01/11/16 14:32	EPA 7471B	1,7471B	DB
Nickel, Total	7.6		mg/kg	2.2	0.35	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Potassium, Total	420		mg/kg	220	35.	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Selenium, Total	0.27	J	mg/kg	1.7	0.26	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Sodium, Total	180		mg/kg	170	26.	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.35	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Vanadium, Total	11		mg/kg	0.87	0.09	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS
Zinc, Total	54		mg/kg	4.3	0.61	2	01/09/16 04:40	01/11/16 16:55	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07 Date Collected: 01/08/16 09:50

Client ID: SB5_0-2 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8500		mg/kg	8.7	1.7	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Antimony, Total	4.6		mg/kg	4.4	0.70	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Arsenic, Total	13		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Barium, Total	440		mg/kg	0.87	0.26	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Beryllium, Total	0.41	J	mg/kg	0.44	0.09	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Cadmium, Total	1.0		mg/kg	0.87	0.06	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Calcium, Total	53000		mg/kg	8.7	2.6	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Chromium, Total	20		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Cobalt, Total	5.0		mg/kg	1.7	0.44	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Copper, Total	170		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Iron, Total	22000		mg/kg	4.4	1.7	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Lead, Total	330		mg/kg	4.4	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Magnesium, Total	7200		mg/kg	8.7	0.87	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Manganese, Total	350		mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Mercury, Total	0.87		mg/kg	0.07	0.02	1	01/09/16 08:30	01/11/16 14:34	EPA 7471B	1,7471B	DB
Nickel, Total	16		mg/kg	2.2	0.35	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Potassium, Total	1100		mg/kg	220	35.	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Selenium, Total	0.56	J	mg/kg	1.7	0.26	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Silver, Total	0.46	J	mg/kg	0.87	0.17	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Sodium, Total	510		mg/kg	170	26.	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.7	0.35	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Vanadium, Total	27		mg/kg	0.87	0.09	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS
Zinc, Total	350		mg/kg	4.4	0.61	2	01/09/16 04:40	01/11/16 16:59	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08 Date Collected: 01/08/16 10:00

Client ID: SB5_2-4 Date Received: 01/08/16

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	8200		mg/kg	9.0	1.8	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Antimony, Total	0.77	J	mg/kg	4.5	0.72	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Arsenic, Total	4.4		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Barium, Total	46		mg/kg	0.90	0.27	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Beryllium, Total	0.25	J	mg/kg	0.45	0.09	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.90	0.06	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Calcium, Total	51000		mg/kg	9.0	2.7	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Chromium, Total	7.4		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Cobalt, Total	2.8		mg/kg	1.8	0.45	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Copper, Total	8.3		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Iron, Total	8600		mg/kg	4.5	1.8	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Lead, Total	13		mg/kg	4.5	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Magnesium, Total	4600		mg/kg	9.0	0.90	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Manganese, Total	420		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	01/09/16 08:30	01/11/16 14:41	EPA 7471B	1,7471B	DB
Nickel, Total	6.8		mg/kg	2.2	0.36	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Potassium, Total	870		mg/kg	220	36.	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.27	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.90	0.18	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Sodium, Total	930		mg/kg	180	27.	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Vanadium, Total	15		mg/kg	0.90	0.09	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS
Zinc, Total	15		mg/kg	4.5	0.63	2	01/09/16 04:40	01/11/16 17:03	EPA 3050B	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-08 Batch: WG855990-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/09/16 08:30	01/11/16 13:38	1,7471B	DB

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-08 Batch: WG856001-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Antimony, Total	ND		mg/kg	2.0	0.32	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Arsenic, Total	ND		mg/kg	0.40	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Barium, Total	ND		mg/kg	0.40	0.12	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Beryllium, Total	ND		mg/kg	0.20	0.04	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.40	0.03	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Calcium, Total	ND		mg/kg	4.0	1.2	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Chromium, Total	ND		mg/kg	0.40	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Cobalt, Total	ND		mg/kg	0.80	0.20	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Copper, Total	ND		mg/kg	0.40	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Iron, Total	ND		mg/kg	2.0	0.80	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Lead, Total	ND		mg/kg	2.0	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Magnesium, Total	ND		mg/kg	4.0	0.40	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Manganese, Total	ND		mg/kg	0.40	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Nickel, Total	ND		mg/kg	1.0	0.16	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Potassium, Total	ND		mg/kg	100	16.	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Selenium, Total	ND		mg/kg	0.80	0.12	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Silver, Total	ND		mg/kg	0.40	0.08	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Sodium, Total	ND		mg/kg	80	12.	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Thallium, Total	ND		mg/kg	0.80	0.16	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Vanadium, Total	ND		mg/kg	0.40	0.04	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS
Zinc, Total	ND		mg/kg	2.0	0.28	1	01/09/16 04:40	01/11/16 10:08	1,6010C	PS

Project Name: GREENPOINT LANDING-TEMP.ACCESS **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG855990-2 SRM Lot Number: D088-540								
Mercury, Total	96		-		72-128	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG856001-2 SRM Lot Number: D088-540					
Aluminum, Total	88	-	48-151	-	
Antimony, Total	159	-	1-208	-	
Arsenic, Total	105	-	79-121	-	
Barium, Total	99	-	83-117	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	99	-	83-117	-	
Calcium, Total	99	-	81-119	-	
Chromium, Total	101	-	80-120	-	
Cobalt, Total	102	-	84-115	-	
Copper, Total	98	-	81-118	-	
Iron, Total	110	-	45-155	-	
Lead, Total	86	-	81-117	-	
Magnesium, Total	94	-	76-124	-	
Manganese, Total	101	-	81-118	-	
Nickel, Total	96	-	83-117	-	
Potassium, Total	96	-	71-129	-	
Selenium, Total	97	-	78-122	-	
Silver, Total	103	-	75-124	-	
Sodium, Total	101	-	72-127	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	97	-	78-122	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 Batch: WG856001-2 SRM Lot Number: D088-540					
Zinc, Total	97	-	82-118	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG855990-4 QC Sample: L1600636-01 Client ID: SB1_0-2												
Mercury, Total	9.4	0.149	11	**1070**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856001-4 QC Sample: L1600614-01 Client ID: MS Sample										
Aluminum, Total	7900	176	7800	**0**	Q	-	-	75-125	-	20
Antimony, Total	1.8J	44.1	40	91		-	-	75-125	-	20
Arsenic, Total	1.6	10.6	13	108		-	-	75-125	-	20
Barium, Total	82.	176	260	101		-	-	75-125	-	20
Beryllium, Total	0.28J	4.41	4.4	100		-	-	75-125	-	20
Cadmium, Total	0.13J	4.5	4.2	93		-	-	75-125	-	20
Calcium, Total	8700	882	9300	**68**	Q	-	-	75-125	-	20
Chromium, Total	16.	17.6	37	119		-	-	75-125	-	20
Cobalt, Total	7.6	44.1	46	87		-	-	75-125	-	20
Copper, Total	25.	22	48	104		-	-	75-125	-	20
Iron, Total	24000	88.2	21000	**0**	Q	-	-	75-125	-	20
Lead, Total	37.	45	95	**129**	Q	-	-	75-125	-	20
Magnesium, Total	4000	882	5100	125		-	-	75-125	-	20
Manganese, Total	410	44.1	370	**0**	Q	-	-	75-125	-	20
Nickel, Total	14.	44.1	54	91		-	-	75-125	-	20
Potassium, Total	2400	882	3300	102		-	-	75-125	-	20
Selenium, Total	ND	10.6	9.2	87		-	-	75-125	-	20
Silver, Total	ND	26.4	27	102		-	-	75-125	-	20
Sodium, Total	230	882	1100	99		-	-	75-125	-	20
Thallium, Total	ND	10.6	8.6	81		-	-	75-125	-	20
Vanadium, Total	32.	44.1	66	77		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856001-4 QC Sample: L1600614-01 Client ID: MS Sample										
Zinc, Total	97.	44.1	120	**52**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG855990-3 QC Sample: L1600636-01 Client ID: SB1_0-2						
Mercury, Total	9.4	9.4	mg/kg	0		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856001-3 QC Sample: L1600614-01 Client ID: DUP Sample						
Aluminum, Total	7900	7400	mg/kg	7		20
Antimony, Total	1.8J	1.6J	mg/kg	NC		20
Arsenic, Total	1.6	2.0	mg/kg	**22**	Q	20
Barium, Total	82.	87	mg/kg	6		20
Beryllium, Total	0.28J	0.31J	mg/kg	NC		20
Cadmium, Total	0.13J	ND	mg/kg	NC		20
Calcium, Total	8700	8700	mg/kg	0		20
Chromium, Total	16.	21	mg/kg	**27**	Q	20
Cobalt, Total	7.6	6.6	mg/kg	14		20
Copper, Total	25.	25	mg/kg	0		20
Iron, Total	24000	17000	mg/kg	**34**	Q	20
Lead, Total	37.	63	mg/kg	**52**	Q	20
Magnesium, Total	4000	4000	mg/kg	0		20
Manganese, Total	410	360	mg/kg	13		20
Nickel, Total	14.	16	mg/kg	13		20
Potassium, Total	2400	2200	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	230	210	mg/kg	9		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856001-3 QC Sample: L1600614-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	32.	24	mg/kg	**29**	Q	20
Zinc, Total	97.	90	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-01
Client ID: SB1_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 08:00
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	18		mg/kg	0.94	0.94	1	-	01/11/16 16:34	107,-	
Solids, Total	85.2		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	0.51	J	mg/kg	2.3	0.38	2	01/09/16 14:10	01/11/16 13:53	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.94	0.19	1	01/10/16 16:45	01/11/16 13:20	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-02
Client ID: SB1_2-4
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 08:45
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	24		mg/kg	1.2	1.2	1	-	01/11/16 16:38	107,-	
Solids, Total	64.0		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	3.0	0.50	2	01/09/16 14:10	01/11/16 13:55	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	1.2	0.25	1	01/10/16 16:45	01/11/16 13:22	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-03
Client ID: SB2_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 10:15
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	7.4		mg/kg	0.86	0.86	1	-	01/11/16 16:43	107,-	
Solids, Total	93.4		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.1	0.34	2	01/09/16 14:10	01/11/16 13:14	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.86	0.17	1	01/10/16 16:45	01/11/16 13:23	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-04
Client ID: SB2_2-4
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 10:20
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	7.0		mg/kg	0.91	0.91	1	-	01/11/16 16:46	107,-	
Solids, Total	87.7		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.2	0.36	2	01/09/16 14:10	01/11/16 13:56	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.91	0.18	1	01/10/16 16:45	01/11/16 13:27	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-05
Client ID: SB3_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 08:45
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	22		mg/kg	1.0	1.0	1	-	01/11/16 16:50	107,-	
Solids, Total	77.9		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.5	0.42	2	01/09/16 14:10	01/11/16 13:57	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	1.0	0.20	1	01/10/16 16:45	01/11/16 13:28	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-06
Client ID: SB3_4-6
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 08:50
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	6.2		mg/kg	0.90	0.90	1	-	01/11/16 16:55	107,-	
Solids, Total	89.0		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.1	0.35	2	01/09/16 14:10	01/11/16 13:16	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.90	0.18	1	01/10/16 16:45	01/11/16 13:29	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-07
Client ID: SB5_0-2
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 09:50
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	20		mg/kg	0.89	0.89	1	-	01/11/16 16:59	107,-	
Solids, Total	89.4		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.0	0.34	2	01/09/16 14:10	01/11/16 13:57	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.89	0.18	1	01/10/16 16:45	01/11/16 13:31	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

SAMPLE RESULTS

Lab ID: L1600636-08
Client ID: SB5_2-4
Sample Location: BROOKLYN, NY
Matrix: Soil

Date Collected: 01/08/16 10:00
Date Received: 01/08/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Chromium, Trivalent	7.4		mg/kg	0.92	0.92	1	-	01/11/16 17:03	107,-	
Solids, Total	86.5		%	0.100	NA	1	-	01/09/16 00:32	30,2540G	RT
Cyanide, Total	ND		mg/kg	2.2	0.36	2	01/09/16 14:10	01/11/16 13:18	1,9010C/9012B	JO
Chromium, Hexavalent	ND		mg/kg	0.92	0.18	1	01/10/16 16:45	01/11/16 13:32	1,7196A	JT

Project Name: GREENPOINT LANDING-TEMP.ACCE **Lab Number:** L1600636

Project Number: 170229002 **Report Date:** 01/12/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG856067-1										
Cyanide, Total	ND		mg/kg	0.99	0.16	1	01/09/16 14:10	01/11/16 12:36	1,9010C/9012B	JO
General Chemistry - Westborough Lab for sample(s): 01-08 Batch: WG856141-1										
Chromium, Hexavalent	ND		mg/kg	0.80	0.16	1	01/10/16 16:45	01/11/16 13:17	1,7196A	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS

Project Number: 170229002

Lab Number: L1600636

Report Date: 01/12/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG856067-2 WG856067-3								
Cyanide, Total	101		86		80-120	16		35
General Chemistry - Westborough Lab Associated sample(s): 01-08 Batch: WG856141-2								
Chromium, Hexavalent	84		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856067-4 WG856067-5 QC Sample: L1600552-01 Client ID: MS Sample												
Cyanide, Total	ND	9.7	10	100		9.9	100		65-135	1		35
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856141-5 QC Sample: L1600636-04 Client ID: SB2_2-4												
Chromium, Hexavalent	ND	1140	1100	97		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG855981-1 QC Sample: L1600618-02 Client ID: DUP Sample						
Solids, Total	72.5	71.1	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG856141-4 QC Sample: L1600636-04 Client ID: SB2_2-4						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 09-JAN-16 02:02

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-01A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-01B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-01C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-01D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-01E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-01F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-01X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-01Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-01Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-02A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-02B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-02C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-02D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-02E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-02F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-02X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-02Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-02Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-03A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2),NYTCL-8260H(14)
L1600636-03B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2),NYTCL-8260H(14)
L1600636-03C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2),NYTCL-8260H(14)
L1600636-03D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-03E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-03F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-03X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1600636-03Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1600636-03Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260H(14),NYTCL-8260HLW(14)
L1600636-04A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-04B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-04C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-04D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-04E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-04F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-04X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-04Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-04Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-05A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-05B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-05C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-05D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-05E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-05F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-05X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-05Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-05Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-06A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-06B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-06C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-06D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-06E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-06F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-06X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-06Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-06Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-07A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-07B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-07C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-07D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-07E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-07F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-07X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-07Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-07Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-08A	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-08B	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-08C	5 gram Encore Sampler	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(2)
L1600636-08D	Plastic 2oz unpreserved for TS	A	N/A	3.6	Y	Absent	TS(7)
L1600636-08E	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: GREENPOINT LANDING-TEMP.ACCESS
Project Number: 170229002

Lab Number: L1600636
Report Date: 01/12/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1600636-08F	Glass 500ml/16oz unpreserved	A	N/A	3.6	Y	Absent	BE-TI(180),NYTCL-8270(14),TCN-9010(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TRICR-CALC(30),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),HEXCR-7196(30),K-TI(180),NA-TI(180)
L1600636-08X	Vial MeOH preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-08Y	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-08Z	Vial Water preserved split	A	N/A	3.6	Y	Absent	NYTCL-8260HLW(14)
L1600636-09A	Vial HCl preserved	A	N/A	3.6	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

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

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

Data Qualifiers

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

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

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GREENPOINT LANDING-TEMP.ACCESS	**Lab Number:**	L1600636
Project Number:	170229002	**Report Date:**	01/12/16

REFERENCES

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

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

107 Alpha Analytical - In-house calculation method.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

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

Westborough Facility
EPA 524.2: 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, m/p-xylene, o-xylene
EPA 624: 2-Butanone (MEK), 1,4-Dioxane, tert-Amylmethyl Ether, tert-Butyl Alcohol, m/p-xylene, o-xylene
EPA 625: Aniline, Benzoic Acid, Benzyl Alcohol, 4-Chloroaniline, 3-Methylphenol, 4-Methylphenol.
EPA 1010A: NPW: Ignitability
EPA 6010C: NPW: Strontium; SCM: Strontium
EPA 8151A: NPW: 2,4-DB, Dicamba, Dichloroprop, MCPA, MCPP; SCM: 2,4-DB, Dichloroprop, MCPA, MCPP
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene, Isopropanol; SCM: Iodomethane (methyl iodide), Methyl methacrylate (soil); 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Pentachloronitrobenzene, 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 9010: NPW: Amenable Cyanide Distillation, Total Cyanide Distillation
EPA 9038: NPW: Sulfate
EPA 9050A: NPW: Specific Conductance
EPA 9056: NPW: Chloride, Nitrate, Sulfate
EPA 9065: NPW: Phenols
EPA 9251: NPW: Chloride
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
EPA 8270D: NPW: Biphenyl; SCM: Biphenyl
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

SOIL - RI

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 1/8/16

ALPHA Job #: L1600636

Project Information
Project Name: GREENPOINT LANDING TEMP. ACCESSWAY PKG.
Project Location: BROOKLYN, NY
Project #: 170229002
(Use Project name as Project #) ☐
Project Manager: GREG WYKA
ALPHAQuote #:

Client Information
Client: LANGAN, INC
Address:
Phone:
Fax:
Email: gwyka@langan.com

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 2-DAY → 1/12/16

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

Billing Information
☑ Same as Client Info
PO #

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

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
ANALYSES FOR
NOTE: SAMPLES NEEDED BY 1/12/16

Please specify Metals or TAL.

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PAH 8270 TCL PAH SVOCs	PAH 8270 TCL PAH SVOCs	PCBs	PCBs, Herbs	METALS	CYANIDE	TRI-CHROM.	HEX. CHROM.	Sample Specific Comments	Total Bottles
00636 - 01	SB1_0-2	1/8/16		SOIL		X	X	X	X	X	X	X	X	1) 2oz. 1) 4oz. 1) R. 3 FEN.	
02	SB1_2-4					X	X	X	X	X	X	X	X		
03	SB2_0-2					X	X	X	X	X	X	X	X		
04	SB2_2-4					X	X	X	X	X	X	X	X		
05	SB3_0-2					X	X	X	X	X	X	X	X		
06	SB3_4-6					X	X	X	X	X	X	X	X		
07	SB5_0-2					X	X	X	X	X	X	X	X		
08	SB5_2-4					X	X	X	X	X	X	X	X		
09	SOTB02_010816			AQ.		X								1) 40ml VOA	

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

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

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

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	1/8/16 11:40		1/8/16 11:40
	1/8/16 1830		1/8/16 1830
	1/8/16 2315		1/8/16 2315

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

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