Ballpark at St. George Stadium – North Site 1
New York Wheel
Tax Block 2, Lot 22 (formerly part of Lot 20)
STATEN ISLAND, NEW YORK

June 28, 2024 to June 19, 2025 Periodic Review Report

NYSDEC VCP Site Number V00228

AKRF Project Number: 80614.03

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1.0 INTRODUCTION

This Periodic Review Report (PRR) was prepared to document pertinent activities performed at the North Site 1 (NS1 or New York Wheel Site or NYWS) portion of the Ballpark at the St. George Stadium Site (VCP Site No. V00228) from June 28, 2024 through June 19, 2025. The reporting period began on June 28, 2024, the day after the previous PRR reporting period for NS1 was completed. VCP Site No. V00228 (the "Site") comprises approximately 52 acres (approximately 26 acres upland and 26 acres underwater) on the waterfront north of Richmond Terrace and west of the St. George Ferry Terminal in Staten Island, New York, and includes NS1 and a portion of the Empire Outlets development to the east, identified as South Site 2. The Site location is shown on Figure 1. The location of the approximately 8.9-acre NS1 is shown on Figure 2.

Remedial activities were completed at the Site in 2006 under the New York State Department of Environmental Conservation's (NYSDEC) Voluntary Cleanup Program (VCP) in accordance with a Voluntary Cleanup Agreement (VCA) executed in December 1999. The remediation was documented in a Final Engineering Report (FER) prepared by TRC Environmental Corporation (TRC) on behalf of the New York City Economic Development Corporation (EDC) in March 2006, and on-going Site management requirements were specified in an Operation, Maintenance and Monitoring (OM&M) Plan (TRC, March 2006) submitted with the FER. In preparation for redevelopment of portions of the Site, the OM&M Plan was replaced with a Site Management Plan (SMP) prepared by AKRF Engineering, P.C. (AKRF) in February 2015, and revised in September 2016. The SMP was approved by NYSDEC in letters dated March 9, 2015 and September 29, 2016.

A PRR dated July 2024 was prepared by TRC. This document was prepared for a reporting period of July 1, 2023 – June 21, 2024, based on the date of TRC's inspection of the Ballpark portion of VCP Site No. V00228. The PRR prepared by TRC included appended PRRs for the NYWS on North Site 1 and the adjacent Empire Outlets development on South Site 2, and thereby addressed the entire Site. This PRR was approved by NYSDEC in a letter dated January 9, 2025. Since redevelopment of two portions of the Site (NS1 and the Empire Outlets on the southeastern end of the Site/southeast of the Site) began circa 2014, NYSDEC approved the preparation of separate reports for each portion of the Site, with the reports from the two development sites being included with the Ballpark at St. George PRR, to facilitate reporting.

The purpose of this PRR is to document ongoing NS1 management activities associated with Engineering and Institutional Controls for the Site, and to certify that those controls are in accordance with the SMP. The SMP provides detailed descriptions of all procedures required to manage known and potential residual contamination.

2.0 BACKGROUND

2.1 Site Description

The Site is located in Richmond County, New York and is identified as Block 2, part of Lot 15, and Lots 20 and 22 (formerly all part of Lot 20) on the Richmond County Tax Map. Block 2, Lot 18, which is a Metropolitan Transportation Authority (MTA) right-of-way, was also formerly part of Lot 20, but is not part of VCP Site No. V00228. The Site is bounded by: a waterfront promenade to the north and east; a construction site to the southeast (with the Saint George Ferry Terminal beyond); Richmond Terrace and the Staten Island Rapid Transit Operating Authority (SIRTOA) right-of-way to the southwest; and parkland and a portion of Bank Street to the northwest.

NS1 is located in the northwestern portion of the Site, directly west of the Ballpark, and comprises Block 2, Lot 22. NS1 was under construction from 2014 to 2017. The construction was proposed to consist of three new structures: an approximately 650-foot tall Observation Wheel (the Wheel); a three-story Terminal Building located south of the Wheel; and a four-story parking garage and additional improvements, including new paved surfaces and landscaping. This work was to result in the disturbance and re-capping of the entire NS1. Construction halted in 2017, by which point the following had been constructed: the garage; the Terminal Building (the interior is partially completed); Wheel foundations; and portions of the proposed outdoor paving. Outdoor NS1 areas where permanent cover was not yet installed are generally covered with temporary pavement consisting of a minimum two feet of imported gravel, with small areas of temporary asphaltic pavement or exposed soil. The Garage and Terminal buildings include an overhang above Lot 18, which is not part of the Site, and is thus not included in the PRR reporting.

2.2 Remedial Investigation Findings

2.2.1 Geology and Hydrogeology

The Site elevation ranges from approximately +3 to +11 feet above the Richmond Highway Datum (RHD) – a mean high water datum – with the ground sloping slightly down toward the northeast (i.e., the shoreline). The average elevation of NS1 is approximately +9.0 feet RHD. Previous studies indicated that the Site is underlain by a layer of fill materials (sand, cinders, ash, brick, concrete fragments, wood, glass and/or asphalt), above native sand, clay, silt, gravel, and/or weathered bedrock. Prior to NY Wheel-related construction, the fill layer was approximately 8.5 to 24.5 feet thick beneath NS1. Bedrock is first located approximately 10 to 80 feet below grade at NS1 and consists of serpentinite.

Water table depths measured during previous studies varied from approximately 6 to 13 feet below grade (corresponding to elevations of approximately +3 to -4 feet RHD) at NS1, likely due to seasonal and tidal fluctuations. Groundwater beneath the Site has been delineated as flowing in a northerly or northeasterly direction towards the surface water (NYSDEC Class I) of Upper New York Bay. Groundwater in Staten Island is not used as a source of potable water.

2.2.2 Nature and Extent of Contamination Prior to Remediation

Portions of the Site were historically within Upper New York Bay, and were filled prior to the 1880s with material of unknown origin. The Site was subsequently part of a large rail yard, with a petroleum transfer area located in, or adjacent to, the northeastern corner of NS1. Multiple investigations were performed on the Site between 1998 and 2014 to identify and evaluate soil, groundwater, soil vapor, and bedrock contamination.

Soil Contamination

As part of the remediation, NS1 was capped with impervious surfaces and at least 18 inches of soil meeting site-specific cleanup objectives (SSCOs) defined in the OM&M Plan.

Generally, the investigations (performed prior to the capping) determined that the Site included a layer of fill materials containing elevated concentrations of metals and semi-volatile organic compounds (SVOCs). Laboratory analysis of this fill identified two volatile organic compounds (VOCs) slightly exceeding their respective 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs), set at 0.05 parts per million (ppm) for each compound: acetone at a maximum concentration of 0.077 ppm; and

methylene chloride at a maximum concentration of 0.1 ppm. Both VOCs are common laboratory artifacts (and were detected in field blanks associated with some of the samples) and were present well below their 6 NYCRR Part 375 Soil Cleanup Objectives for Commercial Use (CSCOs), set at 500 ppm for each compound. Other VOCs were detected only at trace concentrations, well below USCOs and CSCOs. This fill was subsequently capped at NS1; no soil removal took place.

Certain SVOCs exceeded USCOs and/or CSCOs, with total SVOC concentrations of up to 501 ppm in surface soil samples and 405 ppm in subsurface samples. The SVOCs were generally typical of fill materials. Naphthalene was detected in several samples at a concentration up to 0.67 ppm, well below its USCO (12 ppm) and CSCO (500 ppm). Bis(2-ethylhexyl)phthalate, a common component of plastics for which no USCO or CSCO has been defined, was detected at concentrations up to approximately 5.5 ppm.

Certain metals exceeded USCOs and CSCOs: arsenic (maximum concentration of 1,460 ppm in surface soil samples and 307 ppm in subsurface samples) exceeded its USCO of 13 ppm and CSCO of 16 ppm; lead (maximum concentration of 1,620 ppm in surface samples and 1,670 ppm in subsurface samples) exceeded its USCO of 63 ppm and CSCO of 1,000 ppm; mercury exceeded its USCO of 0.18 ppm and CSCO of 2.8 ppm in surface samples (maximum concentration of 3.11 ppm), but did not exceed its CSCO in subsurface samples (maximum concentration of 1.4 ppm); and nickel (maximum concentration of 335 ppm in surface samples and 1,280 ppm in subsurface samples) exceeded its USCO of 30 ppm and CSCO of 310 ppm.

The pesticides 4,4'-DDE (maximum concentration of 0.042 ppm), 4,4'-DDD (maximum concentration of 0.061 ppm) and 4,4'-DDT (maximum concentration of 0.22 ppm) were detected above their USCOs of 0.0033 ppm each, but well below their respective CSCOs of 62 ppm for 4,4'-DDE, 92 ppm for 4,4'-DDD, and 47 ppm for 4,4'-DDT. No polychlorinated biphenyls (PCBs) were detected above USCOs or CSCOs.

Field evidence of petroleum contamination (staining and/or odor in soil, and odor and/or a slight sheen on groundwater) was noted in a former rail yard fuel transfer area in the north-central part of the Site, including the northeastern corner of NS1. However, laboratory analysis of soil samples identified no evidence of significant petroleum contamination in this area. No petroleum storage tanks were identified at NS1.

Limited waste characterization sampling conducted in 2013 identified no NS1 soil exceeding hazardous waste thresholds. This sampling entailed the collection of four grab samples analyzed for VOCs and four five-point composite samples analyzed for SVOCs, pesticides, PCBs, Target Analyte List (TAL) metals, general chemistry, and Toxicity Characteristic Leaching Procedure (TCLP) VOCs, SVOCs, pesticides, PCBs and metals.

Groundwater Contamination

Six groundwater monitoring wells (MW-8, MW-9, MW-10, MW-12, MW-14, and MW-15) installed during Site investigation in the area of residual petroleum contamination on the northeastern side of NS1 were closed prior to soil disturbance associated with remedial activities (i.e., the installation of Site cover), and re-installed in 2001. According to the 2006 FER, all other historical on-site monitoring wells were closed during remedial activities. The six wells in the area of residual petroleum contamination, as discussed in Section 6.2, will be reinstalled following the completion of NS1 disturbance. The historical locations of the monitoring wells installed in 2001 are shown on Figure 3. Of the 2001 wells, three (MW-8, MW-10 and MW-15) could not be located

during AKRF's December 2014 inspection, and were suspected to have been destroyed at an unspecified date.

Groundwater samples collected for the final quarterly groundwater monitoring event in March 2002 from NS1 and adjacent Site monitoring wells contained bis(2-ethylhexyl)phthalate in wells MW-10 and MW-12 [maximum concentration of approximately 10 parts per billion (ppb), above the standard of 5 ppb]; no other VOCs or SVOCs exceeded NYSDEC Class GA standards. Bis(2-ethylhexyl)phthalate may be associated with laboratory contamination, fill materials, or plastic sampling equipment. Tentatively Identified Compound (TIC) VOCs were detected in March 2002 with the highest concentration of 3,580 ppb in well MW-8, possibly indicating degradation of petroleum contamination historically present in this area. Lower concentrations of TIC VOCs were detected in March 2002 in wells MW-10, MW-12, and MW-14. TIC SVOCs were detected in March 2002 in several Site wells on or adjacent to North Site 1, with the highest concentration of approximately 364 ppb in monitoring well MW-9.

Several metals were detected in both filtered and unfiltered groundwater samples at levels exceeding NYSDEC Class GA Ambient Water Quality Standards (drinking water standards). The metal concentrations were likely associated with fill materials beneath the Site and/or brackish groundwater.

Soil Vapor Contamination

The March 2006 FER indicated that methane was detected in soil gas within the footprint of the ballpark east-adjacent to NS1 generally at low concentrations, but with a maximum concentration of 7.1% by volume [above the Lower Explosive Limit (LEL) of 5%]. The FER also indicated that soil gas sampling conducted within the footprint of the Terminal Building on NS1 identified methane (with concentrations up to 11% by volume) and VOCs typically associated with petroleum and solvents, with solvent-related VOCs tetrachloroethene and trichloroethene in soil gas at levels above New York State Department of Health (NYSDOH) Air Guideline Values (AGVs).

Bedrock

Geotechnical reports indicated that serpentinite bedrock is present beneath the Site. This rock may contain naturally-occurring asbestos. However, as noted in Section 3.10, no asbestos was identified by December 2014 laboratory analysis of geotechnical rock cores selected from areas where piles were to be drilled, rather than driven, into bedrock.

2.3 Pre-2006 Site Remediation and Subsequent Activities

The Site was purchased in 1998 by the New York City Economic Development Corporation (NYCEDC) for the construction of a ballpark and accessory parking lots. At the time of the purchase, most of the Site was used as a public parking lot for the Saint George Ferry Terminal, and the western portion of the Site was vegetated and vacant. NYCEDC subsequently remediated the Site as VCA Site V-00228. The remediation was conducted through 2006 in accordance with a Remediation Work Plan (TRC, May 2000), including all addenda and modifications. At NS1, the remedial activities consisted of capping existing Site soil with pavement and clean fill; no removal of contaminated soil took place.

2.3.1 Contaminated Materials Removal

Six electrical transformers with PCB-containing transformer oil were removed from unspecified locations on the Site. The 2006 FER indicated that no removal of contaminated soil from NS1 took place; the residual contamination in this area was

capped by asphalt pavement and, in landscaped areas, a minimum of 18 inches of clean imported soil.

A list of Site-Specific Soil Cleanup Objectives (SSCOs) approved by NYSDEC in 2006 for the Site (the "2006 SSCOs") was provided in Appendix J of the 2016 SMP. The 2016 SMP defined updated SSCOs based on more recent NYSDEC guidance and DER-10 as the lower of 6 NYCRR Part 375 CSCOs or Protection of Groundwater SCOs. The updated SSCOs are summarized in Table 1.

2.3.2 Engineering Controls

Engineering controls were installed as part of the remedial action to prevent exposure to residual subsurface contamination at the Site. The engineering controls applicable to NS1, which consist of a Site cover and a sub-slab vapor mitigation system, are described in more detail below.

Site Cover

The cover system installed as part of the remedial activities completed by 2006 consisted of a minimum of 18 inches of clean soil, asphalt pavement, or concrete-covered sidewalks (see Figure 4). According to the 2006 FER, demarcation fabric was installed only at the greater St. George Stadium Site in areas where soil cover was less than 18 inches thick; the soil cover on NS1 was at least 18 inches thick and, thus was not underlain by demarcation fabric.

Construction activities subsequently removed this cover from NS1 and replaced it with: concrete building and Wheel foundations; asphalt and concrete pavement; and temporary site cover, generally consisting of a minimum of two feet of imported gravel, with some small areas of temporary asphalt pavement. The NS1 site cover installed to date does not include any areas containing a clean soil cap. A small area of unpaved, partially vegetated soil (original on-site soil/fill) is located in a construction trailer area in the western portion of NS1. This area is surrounded by chain-link fencing with a locked gate. The chain-link fencing encloses NS1 and a strip of land to the north, which is part of the Site but outside of the NS1 boundary, as shown on Figure 2. When NS1 development resumes, a NYSDEC-approved permanent site cover will be installed throughout NS1. This will entail capping the areas that are currently unpaved (bare earth or gravel-covered) with pavement, or a clean soil cap and landscaping, in accordance with the SMP. If proposed site cover plans are different from those proposed as part of New York Wheel construction, these plans will be submitted to NYSDEC for review and approval prior to resuming NS1 development.

Stormwater Management System

Two stormwater detention basins were constructed in the northern and southern portions of NS1 to enhance the removal of sediment and other stormwater pollutants from runoff. These basins were referred to in the SMP as the Central Basin and the Western Basin. A low-permeability geosynthetic clay liner (Bentofix Thermolock® NWL) formed the bottom of each basin. The liners were covered with clean soil. Information regarding the basins' specifications is provided in Appendix B.

In accordance with the SMP, 5-micron filter fabric was installed at stormwater outfalls from both basins during construction. Construction activities subsequently eliminated both basins. During soil disturbance on North Site 1, Dandy Bag sediment control bags were placed on all active stormwater catch basins within Bank Street. The Stormceptor

oil-water separator located at the outlet of the Western Basin remains in place as of June 19, 2025.

It is anticipated that when NS1 development resumes, the historical basins will be replaced by a new stormwater management system. The system previously proposed as part of New York Wheel construction consisted of a combination of new piping connecting to an existing basin west of the Site, and new underground stormwater detention systems in the northern and southern portions of NS1, as shown on drawing C-202 in Appendix B. The underground system on the southern side was to connect to the off-site basin west of the Site, and the system on the northern side was to connect to an existing outfall to Upper New York Bay. As part of new stormwater management system construction, the Stormceptor currently located at the outlet of the former Western Basin was to be replaced by a Downstream Defender hydrodynamic separator (see Appendix A for specifications) or equivalent; similar Downstream Defenders (or equivalent) were to be placed at the outlets of the detention systems in the northern and southern portions of NS1. If the design of the proposed new stormwater management system changes as part of future Site development, the proposed plans will be submitted to NYSDEC for approval.

The historical locations of the stormwater retention basins, the historical oil-water separator associated with the Western Basin, and the proposed post-construction stormwater management structures, are shown in Appendix A.

Sub-Slab Vapor Mitigation System

Two structures have been constructed as part of New York Wheel construction: the open-air parking garage; and the Terminal Building (whose interior has been only partially completed). The Wheel foundations were also constructed. A vapor barrier (described below) was installed beneath the foundations and below-grade sidewalls of the Terminal Building. A vapor barrier was also installed beneath a small area in the eastern portion of the garage, which is enclosed and connected to the Terminal Building, and other ground-level enclosed garage spaces (several small utility rooms and a bathroom), to prevent the potential intrusion of subsurface vapors. The Wheel foundations contain no below-grade enclosed spaces, and no at-grade enclosed spaces were proposed as part of the Wheel. A sub-slab depressurization system (SSDS) and a vapor barrier are not warranted for most of the proposed garage building, since it is open to air. A passive SSDS was installed beneath the Terminal Building, extending below the small portion of the garage that will be enclosed and connected to the Terminal Building by a doorway. By January 22, 2018, the vapor barrier and SSDS were installed, and the SSDS rooftop riser was temporarily capped with a Weathershield Marine chimney rain cap, which will be replaced with a wind turbine cap when building construction resumes. Vapor barrier specifications are included in Appendix B. As-built vapor barrier and SSDS details and locations are shown on Figures 6 and 7.

The vapor barriers consist of Grace Preprufe® Preprufe® 200 (32 mils) and Grace Bituthene® 4000 (62 mils) below the foundation slabs and behind below-grade sidewalls. These vapor barriers were specified in the SMP, with an update in an email from AKRF to NYSDEC dated April 2, 2015 (approved by NYSDEC in an email dated May 6, 2015). The emails are included in Appendix B.

As an additional protective measure, a combustible gas monitoring system will be installed within the proposed Terminal Building once interior construction resumes.

2.3.3 Institutional Controls

Institutional controls incorporated into the remedy include a deed restriction to prohibit certain on-site uses and ensure implementation of the SMP, which replaces the 2006 OM&M Plan. These controls are described below.

Site Management Plan

An SMP was prepared to describe procedures and protocols for post-remediation management of the Site. The SMP includes five plans: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; (2) a Monitoring Plan for implementation of Site Monitoring; (3) an Operation and Maintenance Plan for implementation of the remedial cover, vapor control system, and groundwater monitoring; (4) an Inspections, Reporting and Certifications Plan for submittal of data, information, recommendations, and certifications to NYSDEC; and (5) an Excavation Work Plan outlining procedures to be followed during disturbance of soil beneath the Site cap. The Engineering and Institutional Control Plan and Excavation Work Plan portions of the SMP includes detailed procedures for handling residual on-site contamination during future soil disturbance activities.

Deed Restriction

A deed restriction has been recorded for the Site. The property deed and all subsequent instruments of conveyance will contain language indicating that the Site is subject to the deed restriction. The deed restriction includes the following restrictions:

- The Site may be used only for Restricted Commercial Use as defined in 6 NYCRR §375-1.8(g) provided that the long-term Engineering and Institutional Controls included in the SMP are employed.
- The Site may not be used for a higher level of use, such as unrestricted, residential, or restricted residential use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC.
- All future activities on the Site that will disturb remaining contaminated material must be conducted in accordance with the SMP, including the implementation of a Health and Safety Plan (HASP) during ground-intrusive work.
- The use of the groundwater underlying the Site is prohibited without treatment rendering it safe for intended use.
- The potential for vapor intrusion has been evaluated for the existing ballpark stadium building and the proposed parking garage, Terminal Building, Wheel, and Empire Outlets building (of these, the parking garage, Terminal Building, and partially constructed Wheel are located on NS1). The potential for vapor intrusion must be evaluated for any additional buildings developed at the Site, and any potential impacts that are identified must be monitored or mitigated.
- Vegetable gardens and farming on the Site are prohibited.
- During any construction activities at the Site, the owners of the Site or remedial parties will submit to NYSDEC a written statement that summarizes the condition of the Site cap, describes any soil stockpiles, and includes manifests for soil disposed during the certification period. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that

the NYSDEC finds acceptable. Due to separate construction schedules, the written statements may be submitted separately for each of the sites.

- At the completion of construction, the owners of the Site or remedial parties will submit to NYSDEC: an updated cover plan for the Site; testing data for reused and imported soil; and as-built drawings of the vapor barriers and (where applicable) SSDS systems. This information may be submitted separately for NS1 and South Site 2.
- Following the completion of the construction, the owners of the Site or remedial parties will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access the Site at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

3.0 CONSTRUCTION ACTIVITIES

The SMP indicated that the following management zones existed at NS1 prior to construction:

- Site cover: asphalt pavement and 12 inches of recycled concrete aggregate (RCA) base beneath most of NS1 (used as a parking lot prior to construction), or at least 18 inches of clean soil in landscaped areas. Excavation within the Site cover does not require environmental oversight under the SMP.
- Residual contamination: all soil beneath the Site cover. Excavation beneath the Site cover must be conducted in accordance with the SMP, including soil management, environmental oversight and air monitoring requirements. Excavated material must be screened for evidence of contamination [i.e., odor, staining, or elevated photoionization detector (PID) readings]. In the absence of evidence of contamination, such material could be either replaced in the excavation from which it was removed, or stockpiled and sampled for future on-site reuse or disposal off-site.

Soil disturbance associated with the new development on NS1 began in December 2014. Regular soil disturbance continued through November 18, 2016, with the exception of a pause between September 1 and September 7, 2016 due to a New York City Department of Buildings (DOB) Stop Work Order. The Stop Work Order was issued due to lack of construction fencing between NS1 and the adjacent waterfront (not accessible to the public due to partial Bank Street closure for construction), and was lifted once the additional fencing was installed. Between November 18, 2016 and August 10, 2017, only intermittent, minor soil disturbance took place. A qualified environmental professional (QEP) oversaw all invasive work that disturbed soil beneath the Site cap. In September 2017, work at NS1 was halted, and NYSDEC was notified of the shutdown (assumed to be temporary at the time) in an email from AKRF to NYSDEC dated September 12, 2017. However, the Wheel construction project was subsequently canceled, and no alternative plans have been developed for NS1 to date.

During Wheel construction activities, a pier was built on the Site shoreline north of NS1 to facilitate delivery of construction supplies and Wheel parts. This pier was removed in November and December 2023. The former pier location was backfilled with imported concrete sand manufactured from new concrete, virgin ASTM #57 ¾-inch stone, and virgin ASTM #8 ⅜-inch stone (all produced by the Hamburg Stone Quarry of Hamburg, NJ), as detailed in the PRR for NS1 dated July 2024. Pier removal

activities and the majority of the associated backfilling took place outside the NS1 boundary, but also included an approximately 20-foot by 30-foot area within NS1, where backfill was placed on top of the existing temporary gravel cover. The pier removal area is shown on Figure 5.

3.1 Excavation

During excavation and stockpiling, the on-site field personnel continuously monitored the excavated material for evidence of contamination and conducted periodic screening for VOCs using a PID. No buried petroleum storage tanks, drums or other containers were encountered. Construction beneath the Site cover began in December 2014 and continued through September 2017. No soil disturbance occurred on NS1 through the end of the current reporting period. As of June 19, 2025, the entire historical cover of NS1 had been removed, and portions of the new NS1 cover consisting of concrete foundation elements and asphalt and concrete pavement have been constructed on NS1, as shown on Figure 5. A temporary site cover on most of the NS1 exterior area (consisting of a minimum two feet of imported gravel or a minimum six inches of asphalt above a minimum 6 inches of gravel, as shown on Details 5 and 6, respectively on Figure 8), and a small unpaved area in the western portion of NS1 (consisting of original on-site soil/fill, as shown on Detail 7 on Figure 8), are also shown on Figure 5.

3.2 Stockpiling

Soil was stockpiled based on its source: the top 18 inches of the soil cap were stockpiled separately from sub-cap soil/pile drilling spoils. No soil exhibiting contamination (PID readings, odor, staining, etc.) was encountered during the excavation that took place between December 2014 and September 2017.

Soil was placed on a base consisting of polyethylene tarp. Stockpiles were kept fully covered whenever excavation and/or loading operations were not occurring with appropriately anchored tarps and/or polyethylene sheeting. Stockpiles were then encircled with silt fencing.

During the excavation that took place between December 2014 and September 2017, stockpiles of excavated material were inspected a minimum of once each week and after rain events; tarps and silt fence were replaced as needed. Results of inspections were recorded in a field logbook. Sketches of stockpiles were maintained in the field documents to track source, sampling, and final disposition of stockpiled material. After excavation was paused in September 2017, weekly Stormwater Pollution Prevention Plan (SWPPP) inspections were conducted by AKRF through October 2018 (until the end of the contract with the former NY Wheel developer). No SWPPP inspections occurred between October 2018 and November 2020 due to contractual issues. AKRF began conducting monthly SWPPP inspections (the frequency was reduced, as no soil disturbance was in progress) in November 2020 under a contract with EDC. The SWPPP inspections include inspection of the stockpiles.

As of June 19, 2025, stockpiles comprising approximately 13,000 cubic yards of soil remained on the western side of NS1, along Bank Street. This soil has been characterized (see Section 3.3) and will be either reused below the Site cap, as approved by NYSDEC (see Section 3.5), or properly disposed of off-site.

The soil stockpiles will remain on-site for the foreseeable future. The stockpiles are currently partially covered with tarps and surrounded by silt fencing. The tarps have been damaged by wind. Areas of fallen silt fence were noted during the June 19, 2024 inspection. Limited silt fence repair (reinstalling fallen or sagging fence) took place on June 27, 2025. However, additional silt fence maintenance (burying the toe of the fence line, reinstalling any remaining sagging fence, and replacing fence that shows wear and tear) is recommended. In general, the exposed areas have been covered by vegetation and no evidence of stockpile erosion or significant soil outwash

onto Bank Street was observed by AKRF during the June 19, 2025 inspection or the monthly SWPPP inspections conducted by AKRF after NS1 soil disturbance was paused. No soil outwash was noted adjacent to the NS1 stockpiles.

3.3 Waste Characterization

In addition to the waste characterization sampling summarized in Section 2.2.2, all soil removed from the NS1 cap, and some sub-cap soil excavated from NS1, during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period, were stockpiled and sampled to characterize the material for potential off-site disposal. This included soil/fill material that exceeded reuse criteria specified in the SMP and soil that met the reuse criteria but could not be used for backfill due to its mechanical properties, lack of storage space, or because it was in excess of the volume required for backfilling at that time. No excavation or stockpiling took place on NS1 through the end of the current reporting period.

Waste characterization samples were analyzed for parameters required by the destination disposal facility, including VOCs by EPA Method 8260, SVOCs by EPA Method 8270, TAL metals by EPA Method 6010, PCBs by EPA Method 8082, and pesticides by EPA Method 8081. The waste characterization samples were analyzed by TestAmerica of Edison, NJ and Alpha Analytical of Westborough, MA, both of which are NYSDOH Environmental Laboratory Accreditation Procedure (ELAP) certified.

Prior to identifying the parameters required by the disposal facility, the soil cap stockpile was also analyzed for: VOCs by EPA Method 8260; SVOCs by EPA Method 8270; TAL metals by EPA Method 6010; PCBs by EPA Method 8082; pesticides by EPA Method 8081; general chemistry; and TCLP VOCs, SVOCs, pesticides, PCBs and metals by Essential Environmental Technologies, Inc. of Farmingdale, NY, an ELAP-accredited laboratory. Laboratory analytical data is included in Appendix C.

3.4 Soil Transportation and Disposal

Soil disposal conducted during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period, was summarized in the PRR for NS1 dated June 2022. No soil disposal took place during the current reporting period.

3.5 On-Site Soil Reuse as Backfill

The SMP specified the following criteria for reuse of excavated soil:

- Soil intended to be reused beneath the cover at the same location it was excavated (e.g., soil replaced in a utility trench or removed for over-excavation during footing construction) would not require testing, and could be reused unless it exhibited evidence of gross contamination (e.g., odors, sheen and/or elevated PID readings).
- Soil intended to be reused in another Site area would be tested for VOCs, SVOCs, pesticides, PCBs, and TAL metals at the frequency specified in the SMP (or at a lower frequency if approved by NYSDEC).
- For soil proposed to be reused as part of the soil cover (i.e., in unpaved areas of the Site), the results would be compared to the lower of the 6 NYCRR Part 375 CSCOs and Protection of Groundwater SCOs (see Table 1), and submitted to the NYSDEC for review and approval prior to on-site reuse.
- For soil to be reused below the Site cap, the results would be compared to prior testing data (compiled in Appendix J of the SMP) to ensure that material with higher contaminant concentrations would not be placed in an area with lower contaminant concentrations. Where

no prior testing data was available, soil sampling would be conducted for comparison in the area where the soil is proposed to be placed at a frequency to be approved by NYSDEC.

The SMP indicated that serpentinite or construction and demolition (C&D) material showing no evidence of contamination (e.g., unpainted concrete or brick) could be reused as backfill beneath the Site cap. No C&D debris or serpentinite rock would be reused within the cover soil layer.

An approximately 1,800-cubic yard stockpile of excavated soil[1] proposed for reuse on-site was analyzed at the frequency specified in the SMP in June 2015. AKRF submitted a reuse request to NYSDEC in a letter dated June 22, 2015; however, this soil was ultimately disposed of off-site as reported in the June 2022 PRR due to space constraints.

An approximately 6,000-cubic yard stockpile of excavated soil[2] proposed for reuse on-site was analyzed at the frequency specified in the SMP in October 2015, and AKRF submitted a reuse request to NYSDEC in a letter dated October 15, 2015. The soil was approved for reuse beneath building foundations in a NYSDEC email dated November 4, 2015, and was placed beneath the Garage foundations and an adjacent concrete ramp in November 2015. In the same email, NYSDEC approved reducing the VOC and SVOC sampling frequency to one sample per 5,000 cubic yards, but maintaining the pesticide, PCB and TAL metal sampling frequency specified in the SMP.

An approximately 15,000- to 16,000-cubic yard stockpile of excavated soil[3] proposed for reuse on-site was analyzed at a frequency of one sample per 1,000 cubic yards (i.e., at or above the frequency approved by NYSDEC) in January 2016. AKRF submitted a reuse request to NYSDEC in a letter dated February 16, 2016, with additional details regarding potential reuse locations provided in a letter dated March 8, 2016. In an email dated March 3, 2016, NYSDEC approved the soil for reuse under impervious surfaces (e.g., concrete). Following further review, in a letter dated April 7, 2016, NYSDEC approved the following soil reuse scenarios:

- Soil corresponding to stockpile samples SP-109-C/SP-DUP-2, SP-110-C, SP-112-C, SP-114-C, SP-115-C, SP-116-C, SP-117-C, SP-118-C, SP-119-C, SP-120-C, SP-122-C, and SP-123-C may be reused beneath the final Site cap (either pervious or impervious).
- Soil corresponding to stockpile samples SP-108-C/SP-DUP-1, SP-113-C, and SP-121-A-C may be reused only under impervious portions of the final Site cap.
- Soil corresponding to stockpile sample SP-111-C would not be reused unless determined to be non-hazardous based on Toxicity Characteristic Leaching Procedure (TCLP) analysis for arsenic, in which case, it may be reused only under impervious portions of the final Site cap. The TCLP analysis for arsenic was conducted in April 2016, and indicated that this stockpile did not exceed USEPA hazardous waste criteria for arsenic.

The status of this stockpile as of June 19, 2025 is as follows:

- Approximately 2,000 cubic yards of soil from stockpiles SP-117-C, SP-118-C, SP-119-C and SP-120-C were placed in the area surrounding the Wheel foundations, which were

[1] Stockpile represented by composite samples SP-1-Composite through SP-3-Composite (with SP-4-Composite as duplicate of SP-1-Composite), and grab samples SP-1-VOC through SP-9-VOC (with SP-10-VOC as duplicate of SP-1-VOC).

[2] Stockpile represented by composite samples SP-101-C through SP-107-C (with sample SP-DUP as duplicate of SP-105-C), and grab samples SP-101-A-G, SP-102-A-G, SP-102-B-G, SP-102-C-G, SP-103-A-G, SP-103-B-G, SP-104-A-G, SP-104-B-G, SP-104-C-G, SP-105-A-G (with duplicate SP-DUP), SP-105-B-G, SP-106-A-G, SP-106-B-G, SP-106-C-G, SP-107-A-G, and SP-107-B-G.

[3] Stockpile represented by composite samples SP-108-C through SP-123-C (with SP-DUP-1 as duplicate of SP-108-C), and grab samples SP-108-G through SP-120-G, SP-122-G, and SP-123-G (with SP-DUP-1 as a duplicate of SP-108-G).

subsequently capped with a temporary cover (a minimum of two feet of imported crushed stone) during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period. This soil will be ultimately capped with a mix of paved and landscaped surfaces.

- Approximately 2,000 cubic yards of soil from stockpiles SP-121-C, SP-122-C and SP-123-C were placed under the Terminal Building foundation during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period. The remaining soil approved for reuse (stockpiles SP-108-C through SP-116-C, SP-119-C and SP-120-C, and the remaining portions of stockpiles SP-117-C, SP-118-C and SP-121-C) remains stockpiled along Bank Street.
- An approximately 3,000-cubic yard stockpile of excavated soil[4] proposed for on-site reuse was analyzed at a frequency of at least one sample per 1,000 cubic yards (i.e., at or above the frequency approved by NYSDEC) in May 2016. AKRF submitted a reuse request to NYSDEC in a letter dated May 25, 2016; the soil was approved for reuse beneath building foundations in NYSDEC emails dated June 3 and June 7, 2016, and was placed beneath the Garage and Terminal foundations during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period.
- An approximately 500-cubic yard stockpile of excavated soil[5] proposed for reuse on-site was analyzed at a frequency of at least one sample per 1,000 cubic yards (i.e., at or above the frequency approved by NYSDEC) in June 2016. AKRF submitted a reuse request to NYSDEC in a letter dated June 29, 2016; the soil was approved for reuse beneath building foundations in a NYSDEC email dated July 11, 2016, and was placed beneath the Garage foundations during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period.
- An approximately 25-cubic yard stockpile of excavated soil[6] proposed for reuse on-site was analyzed at a frequency of at least one sample per 1,000 cubic yards (i.e., at or above the frequency approved by NYSDEC) in August 2016. AKRF submitted a reuse request to NYSDEC in a letter dated August 19, 2016; the soil was approved for reuse beneath building foundations in a NYSDEC email dated August 31, 2016, and was placed beneath the Garage foundations during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period.
- An approximately 1,500-cubic yard stockpile of excavated soil[7] proposed for reuse on-site was analyzed at a frequency of at least one sample per 1,000 cubic yards (i.e., at or above the frequency approved by NYSDEC) in August 2016. AKRF submitted a reuse request to NYSDEC in a letter dated September 13, 2016; the soil was approved for reuse beneath building foundations in a NYSDEC email dated September 19, 2016. Approximately 250 cubic yards of soil from this stockpile were placed beneath the Terminal foundation during New York Wheel construction, which took place during the August 26, 2010 – April 23, 2021 reporting period. The rest remains stockpiled along Bank Street.

[4] Stockpile represented by composite samples SP-124-C through SP-127-C (with SP-128-C as duplicate of SP-126-C), and grab samples SP-124-G through SP-126-G (with SP-128-G as duplicate of SP-126-G).
[5] Stockpile represented by composite samples SP-129-Composite (with duplicate SP-130-Composite) and SP-131-Composite, and grab sample SP-129-Grab (with duplicate SP-130-Grab).
[6] Stockpile represented by composite samples SP-132-Composite and SP-133-Composite, and grab sample SP-132-Grab.
[7] Stockpile represented by composite samples SP-134-Composite, SP-135-Composite (with duplicate SP-136-Composite), and SP-137-Composite, and grab samples SP-134-Grab and SP-135-Grab (with duplicate SP-136-Grab).

The soil reuse requests (with tabulated laboratory analytical results for soil reuse sampling) and NYSDEC responses are included in Appendix D. The complete laboratory analytical reports for reused soil are included in Appendix E. The Data Usability Summary Report (DUSR) indicated that the analytical data was usable (see Appendix I for details).

3.6 Backfill from Off-Site Sources

No soil was imported from off-site sources during the reporting period.

3.7 Fluids Management

No soil disturbance or dewatering took place during the reporting period. Since the permanent Site cap is not fully installed, after soil disturbance was paused, AKRF conducted weekly SWPPP inspections through October 2018 (until the end of the contract with the former NY Wheel developer). No SWPPP inspections occurred between October 2018 and November 2020 due to contractual issues. AKRF began conducting monthly SWPPP inspections (the frequency was reduced, as no soil disturbance was in progress) in November 2020 under a contract with EDC. Since the permanent site cap is not fully installed, AKRF continues to conduct monthly SWPPP inspections to identify any deficiencies and recommend corrective action.

During the June 19, 2025 inspection, some vegetation overgrowth was noted in the off-site stormwater detention basin west of NS1; however, the outlet of the stormwater pipe connecting NS1 to this detention basin and the inlet of the pipe leading from the basin to the stormwater outfall were observed to be in good condition, and were not blocked by vegetation.

3.8 Demarcation

The Garage, Terminal Building, and Wheel concrete foundations were constructed, as shown on Figure 5, and will serve as part of the demarcation layer. Per the SMP, a physical demarcation layer was not installed at the base of the excavations where concrete was placed. A demarcation layer will be placed below the clean soil cap in future landscaped areas.

3.9 Health and Safety Monitoring

The Health and Safety Plan (HASP) for NS1 is Appendix E of the SMP. The HASP includes requirements for personnel training, protocols for work zone air monitoring and community air monitoring, designated personal protection equipment, and decontamination procedures. The HASP also includes a community air monitoring plan (CAMP) with protocols for VOC and particulate air monitoring to be conducted at the Site perimeter and work zone air monitoring.

No disturbance of soil beneath the Site cover took place during the reporting period; thus, no air monitoring or other environmental oversight was required.

3.10 Bedrock and Shingles Sampling

On December 16, 2014, 16 bedrock samples were selected by Bryan Zieroff (Certified Professional Geologist) and Colleen Griffiths (NYS-certified Asbestos Inspector and NYC-certified Asbestos Investigator) of AKRF from 8 cores previously collected by Langan in 2013 for geotechnical purposes from locations where piles were to be drilled (rather than driven) into bedrock. The samples were submitted to EMSL Analytical, Inc. (EMSL), an ELAP-certified laboratory for asbestos analysis, to be analyzed for naturally-occurring asbestos. No visual evidence of fibrous material was noted in the cores during sample selection, and no asbestos was identified by the laboratory.

Additionally, on January 12, 2015, asphalt roofing shingles [a potential asbestos-containing material (ACM)] were observed in the western portion of NS1 in soil excavated from beneath the Site cap. Three samples of the roofing shingles were collected and submitted to EMSL for

analysis. No ACM were reported by the laboratory. The analytical reports were included in the June 2022 PRR.

3.11 Sediment and Erosion Control Measures

As required under 6 NYCRR Parts 700-705, a SWPPP (AKRF, June 2014) was prepared to comply with the requirements and conditions of the State Pollutant Discharge Elimination System (SPDES) General Stormwater Permit for Construction Activity (Permit No. GP-0-10-001). The SWPPP was provided as an appendix to the SMP and included erosion and sediment controls in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. No soil disturbance took place during the reporting period; however, AKRF conducted monthly SWPPP inspections (the frequency was reduced as no soil disturbance was in progress) during the reporting period under a contract with EDC. Since the permanent NS1 cover is not fully installed but no soil disturbance is in progress, the monthly SWPPP inspections are planned to continue until the Site is fully capped.

During the June 19, 2025 inspection, the majority of the Bank Street stockpile generated by New York Wheel construction during the August 26, 2010 – April 23, 2021 reporting period was noted to be densely vegetated, as shown in photographs in Appendix F. Some remnants of previously placed tarps were noted on the Bank Street stockpiles and some fallen silt fencing was noted along the stockpile; however, due to dense vegetation covering the stockpile, no soil runoff onto Bank Street was noted. Limited silt fence repair (reinstalling fallen or sagging fence) took place on June 27, 2025; however, additional silt fence maintenance (burying the toe of the fence line, reinstalling any remaining sagging fence, and replacing fence that shows wear and tear) is recommended. It is also recommended to remove and replace damaged tarps with additional vegetation via hydroseeding.

A soil stockpile was also noted during the June 19, 2025 inspection west-adjacent to NS1. This stockpile was not covered or surrounded by silt fencing. No soil runoff onto Bank Street was observed. The stockpile was a remnant of soil stockpiling by the MTA during off-site construction activities in 2021. Smaller stockpiles of gravel, wood chips, and cut tree limbs were noted adjacent to this stockpile. Stormwater inlet protection was noted. EDC notified MTA to implement corrective measures when the stockpile was first observed by AKRF in February 2021. EDC will once again notify MTA that the remaining soil needs to be properly covered and surrounded by silt fencing or disposed of off-site.

Some damaged chain-link construction fencing and damaged fabric on construction fencing were noted along the northern NS1 perimeter during the June 19, 2025 inspection. Repairs to the damaged chain-link construction fencing and construction fencing fabric are pending.

4.0 SITE COVER OPERATION AND MAINTENANCE

Prior to the start of NS1 redevelopment, exposure to residual contaminated soil/fill was prevented by an engineered composite cover system (paving or clean soil cap). This cover was removed in the course of New York Wheel construction activities, and exposure to residual contaminated soil/fill during soil disturbance was minimized by environmental monitoring and soil management practices in accordance with the SMP. The Site was subsequently re-capped as discussed in this section.

4.1 Site Cover Alterations

During the reporting period detailed in the June 2022 PRR, the previous cover was gradually removed as part of construction activities. All disturbance of the cover and underlying soil was performed in accordance with the SMP, as discussed in Section 3.0. Re-capping activities also

took place during the reporting period detailed in the June 2022 PRR. The locations of concrete building and Wheel foundations, and outdoor paved surfaces (asphaltic driveways and concrete sidewalks) that were installed during the reporting period detailed in the June 2022 PRR are shown on Figure 5. The remainder of NS1 is covered primarily by a temporary gravel pad for the Wheel construction cranes (at least two feet thick), with small temporary areas of asphaltic pavement or exposed soil. As noted in the PRR for NS1 dated July 2024, in December 2023, additional imported gravel and sand were placed on the Site as part of pier removal activities. Most of the pier removal activities, and associated backfilling, took place north of NS1; however, some of the imported materials were placed on top of an approximately 20-foot by 30-foot portion of the temporary gravel pad, as shown on Figure 5.

Exposure to contaminants in the soil during soil disturbance was minimized through air monitoring, dust control, and proper soil management in accordance with the SMP. Exposure to contaminants in the soil is currently minimized through a combination of permanent and temporary site covers, and access restrictions. The exterior portions of NS1 are surrounded by chain-link construction fencing, as shown on Figure 5. The Garage is closed to the public, and access is limited to construction personnel conducting maintenance activities within the Terminal Building and Garage.

4.2 Site Cover Inspection

AKRF inspected the NS1 cover on June 19, 2025. The inspection consisted of observing where concrete foundations and paved areas were in place and checking these foundations for cracking and/or signs of wear. The foundation elements observed during AKRF's inspection (shown on Figure 5) were noted to be intact. The northern portion of NS1 was occupied by a temporary gravel crane pad, placed on geotextile fabric over soil. During the June 19, 2025 inspection, the gravel cover appeared to be in good condition; however, some vegetation was noted to be growing in the gravel. An approximately 20-foot by 30-foot area of gravel distinguished by a lighter color was noted on the northern side of the temporary gravel pad, as shown on Figure 5 and Photograph 5 in Appendix F. As noted in Section 3.6, this material was imported in December 2023 as part of the removal of a pier located north of NS1. Remaining areas consisted of temporary asphaltic pavement or exposed soil/vegetated areas. A crack was noted in the asphalt pavement in a driveway east of the Garage; however, this crack did not penetrate through the asphalt, and is to be repaired during future construction. Several surficial cracks were noted in the temporary asphalt cover on the eastern side of NS1. These cracks were not observed to expose underlying soil. An approximately 2-foot by 3-foot area of subsidence, which exposed subsurface soil, was noted in the temporary asphalt cover between North Site 1 and the fence along the shoreline, as shown on Figure 5. The area of subsidence was enclosed by chain-link construction fencing and was not accessible to the public; repair is pending. Photographs of the NS1 cover taken during the inspection and a copy of the Annual Site Inspection log are provided in Appendix F.

5.0 VAPOR MITIGATION SYSTEM OPERATION AND MAINTENANCE

The majority of the vapor mitigation system on NS1 had been installed at the time of the inspection. The below-ground components of the SSDS system beneath an enclosed area in the eastern portion of the Garage and beneath the Terminal Building foundation had been constructed. Foundation slabs for enclosed areas of the Garage were underlain by Grace Preprufe® 200 vapor barriers, and below-grade sidewalls for Garage utility pits and a stairwell were lined with Grace Preprufe® 200 or Grace Bituthene® 4000 vapor barriers. In accordance with the manufacturer's recommendations, the vapor barriers extended approximately 12 inches beyond the footprint of the enclosed areas or (where the enclosed area extended

to Garage walls) were terminated at the walls. The majority of the above-ground components of the SSDS system had been installed, with the exception of the wind turbine cap on the rooftop SSDS riser, which will be installed as building construction progresses. As-built SSDS and vapor barrier plans are shown on Figures 6 and 7.

A pressure test to confirm the air-tightness of the aboveground SSDS piping was conducted by the construction contractor (Gilbane Building Company) on September 19, 2017. The most recent inspection of the SSDS system was performed on June 19, 2025, as documented in Appendix F. The inspection included a visual survey of the building foundation slabs and aboveground SSDS piping, and screening with a PID, flame ionization detector (FID), and four-gas meter in the utility room where the SSDS piping emerges through the foundation slab, and at the rooftop system outlet. During the inspection, the aboveground SSDS piping and foundation floor slabs were observed to be in good condition. Neither methane nor other VOCs were detected in the vicinity of the SSDS pipe penetration through the foundation slab, or at the SSDS riser outlet. The SSDS riser was temporarily capped by a Weathershield Marine Chimney Cap (specifications in Appendix B) to protect it from the elements. The temporary cap will be replaced with a permanent wind turbine cap as building construction progresses.

The SMP specified that a combustible gas monitoring system will be installed within the Terminal Building. This system will be installed once the building interior is constructed. As required by the SMP, a round of indoor air sampling will be conducted following construction of the Terminal Building to demonstrate that the passive SSDS system is adequate and does not need to be made active.

After the combustible gas monitoring system is installed at NS1, routine operations, maintenance and monitoring will be performed as specified by the SMP.

6.0 MONITORING

6.1 Engineering Control System Monitoring

Engineering control system monitoring included the site cover inspection discussed in Section 4.2. An inspection of the SSDS was performed on June 19, 2025, as detailed in Section 5.0. The SSDS is substantially complete, with the exception of future replacement of the temporary rain cap by a wind turbine cap (to come as Terminal Building construction progresses). An inspection of the combustible gas detector monitoring was not performed as of June 19, 2025, as this system has yet to be installed. Inspections of the combustible gas monitoring system will commence following installation, and the appropriate logs will be included in subsequent PRRs.

6.2 Groundwater Monitoring

6.2.1 Monitoring Well Sampling

Six groundwater monitoring wells were located historically on and near NS1 in an area of residual petroleum contamination, as shown on Figure 3. These wells (MW-8, MW-9, MW-10, MW-12, MW-14 and MW-15) were reportedly installed in this area in 2001. However, at the start of New York Wheel construction, detailed in the June 2022 PRR, only three wells, MW-9, MW-12 and MW-14, could be located (MW-14 was dry); the remainder appeared to have been destroyed. MW-9 and MW-12 were sampled in December 2014 (prior to the start of New York Wheel-related soil disturbance) and February 2015 to determine whether the construction activities were mobilizing petroleum contamination in groundwater. The sampling procedures and results, reported in the June 2022 PRR, did not indicate significant petroleum contamination in groundwater. No groundwater sampling was conducted as part of the current reporting period.

6.2.2 Monitoring Well Closure

In addition to the three known wells, an unknown well was encountered on December 30, 2014 during construction activities. Based on its location, this may be historical monitoring well MW-1, which appeared to have been buried at an unknown date, rather than properly decommissioned. The well was gauged with an interface probe and a bailer in January 2015, and was noted to contain clear water with no sheen or product.

As directed by NYSDEC, wells MW-9, MW-12 and MW-14 and suspected MW-1 were properly closed in accordance with NYSDEC Well Decommissioning Policy CP-43 on April 8, 2015 prior to the start of major New York Wheel construction activities, which would otherwise damage and/or destroy the wells. The well closure is detailed in the June 2022 PRR.

Since NS1 construction has not been completed, and may entail additional soil disturbance in the future, historical wells MW-8, MW-9, MW-10, MW-12, MW-14 and MW-15 have not been reinstalled. The replacement wells will be reinstalled following the completion of NS1 construction.

6.3 Site-Wide Inspection

In accordance with the NYSDEC letter dated January 9, 2025, a site-wide inspection was conducted at NS1 on June 19, 2025 to ensure that all aspects of the remedy were in place and effective. Copies of the Annual Site Inspection Log and Site-Wide Inspection Log are included in Appendix F. At the time of the inspection, construction had been paused, with the Garage and the exterior of the Terminal Building completed, the Terminal Building interior partially constructed, and the Wheel foundation elements complete. The disturbed areas were managed in accordance with the SMP. The vapor barrier and the SSDS have been installed (with the exception of the wind turbine cap on the rooftop SSDS riser). Installation of the combustible gas monitoring system had not begun. Both former stormwater detention basins (referred to in the SMP as the Western Basin and Central Basin) had been taken off-line from the active stormwater system, and backfilled, during New York Wheel construction activities. The Stormceptor oil-water separator formerly associated with the Western Basin remained in-place.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the inspections and data evaluation summarized in this report, the following conclusions and recommendations were developed:

- The historical Site cover was removed from NS1. The new NS1 cover has been partially installed (concrete Garage, Terminal Building and Wheel foundations, and some paved areas, are in place). Where installed, the cover was generally observed to be in good condition. The exception, a crack noted in an asphalt driveway west of the Garage, did not penetrate through the asphalt, and will be repaired during future construction. A temporary site cover consisting of a minimum of two feet of gravel or six inches of asphalt atop a minimum six inches of gravel has been installed in most NS1 areas where the new permanent cover is not yet in place, as shown on Figure 5, and in Details 5 and 6 on Figure 8. Some surficial cracks, which did not penetrate through the asphalt, were noted in the temporary asphalt cover on the eastern side of NS1. Some vegetation was observed growing in the temporary gravel cover. The June 19, 2025 inspection noted an approximately 2-foot by 3-foot area of subsidence, which exposed subsurface soil, in temporary asphalt cover between North Site 1 and the fence along the shoreline. The subsidence location was enclosed by chain-link construction fencing and was not accessible to the public; repair is pending. The gravel cover appeared to be in good condition; however, the ability to inspect the gravel cover was limited by vegetation. A small area of unpaved, partially vegetated soil (original on-site soil/fill with some weed growth) is located in the western portion of NS1, as shown on Figure 5, and in Detail 7 on Figure 8. The unpaved areas are surrounded by a chain-link fence with a locked gate and are inaccessible to the public. Some damaged chain-link construction fencing and damaged fabric on construction fencing were noted along the northern NS1 perimeter during the June 19, 2025 inspection. Repair of the damaged chain-link construction fencing and construction fencing fabric is pending. Although no construction activities currently take place on NS1, any resumption in NS1 redevelopment will include restoration of the permanent site cover, which will be documented in subsequent PRRs. Minor repairs to the temporary site cover may be completed as needed prior to the resumption of construction, which will be documented in subsequent PRRs. The permanent site cover will consist of impervious surfaces (concrete foundations and asphalt or concrete paved areas) and landscaping (a minimum of 12 inches of imported clean soil underlain by a demarcation layer) and will meet the requirements outlined in the SMP. If proposed site cover plans differ from those proposed as part of New York Wheel construction, these plans will be submitted to NYSDEC for review and approval prior to resuming NS1 development.
- Soil excavated during New York Wheel construction during the August 26, 2010 – April 23, 2021 reporting period is stockpiled along Bank Street. During the June 19, 2025 inspection, the stockpile was noted to be densely vegetated, and no soil runoff onto Bank Street was noted. Some remnants of previously placed tarps were noted on the stockpile, and some fallen silt fencing was noted along the stockpile. Limited silt fence repair (reinstalling fallen or sagging fence) took place on June 27, 2025; however, additional silt fence maintenance (burying the toe of the fence line, reinstalling any remaining sagging fence, and replacing fence that shows wear and tear) is recommended. It is also recommended to remove and replace damaged tarps with additional vegetation via hydroseeding.
- The sub-slab vapor depressurization system (SSDS) on NS1 was installed (with the exception of the wind turbine cap on the rooftop SSDS riser) by January 2018, and was observed to be in good condition at the time of the June 19, 2025 inspection. The vapor barrier had been installed beneath the ground-level enclosed Garage areas and beneath the Terminal Building foundation. A temporary cap was placed on the SSDS riser in January 2018 to protect it from the elements. The temporary cap will be replaced with a permanent wind turbine cap as building construction progresses. Once Terminal Building construction is complete, one round of indoor air quality sampling will be conducted in the building to demonstrate that the passive SSDS is adequate and does not need to be made active. In

addition, a methane monitoring system will be installed in the Terminal Building in accordance with the SMP.

- Pre-soil disturbance groundwater samples and samples collected following the first phase of soil disturbance identified no evidence of significant petroleum contamination in the area of historical residual petroleum contamination in the northeastern portion of NS1. Of the six groundwater monitoring wells historically located in this area, only three could be located for sampling prior to the start of New York Wheel construction. These wells (and an additional historical well encountered during construction) were properly closed prior to the start of significant soil disturbance, as detailed in the June 2022 PRR. Six wells will be re-installed in this area following the completion of construction, and one round of sampling for VOCs and SVOCs will be conducted to confirm that no residual petroleum contamination is present.
- The historical Site stormwater management system on NS1 was disturbed by NY Wheel construction; the historical Western Basin and Central Basin were backfilled. These basins will be replaced by a new stormwater management system, as summarized in Section 2.3.2.

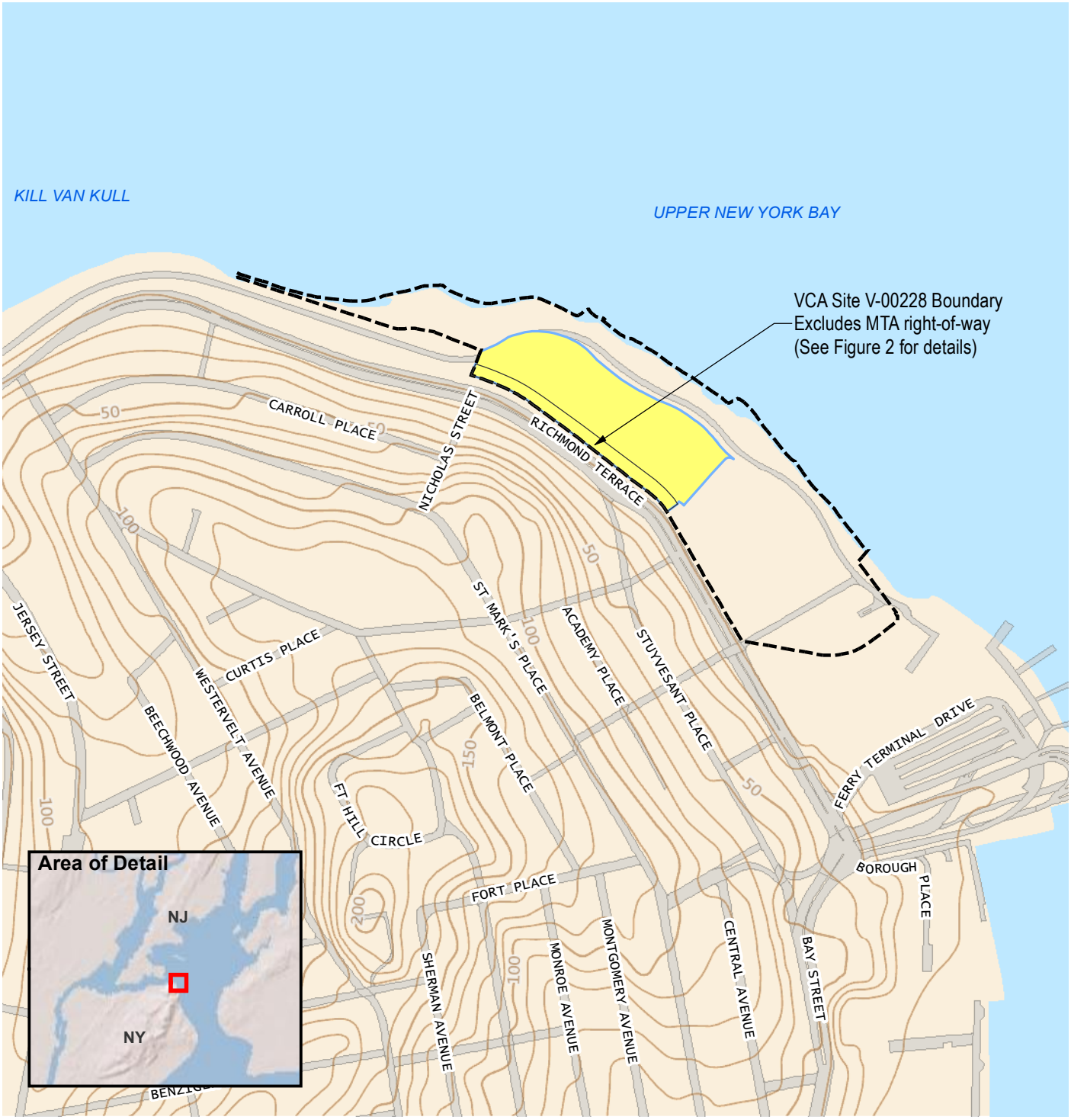
8.0 INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION

The IC/EC Certification Form was completed for NS1 based on results from the Site monitoring and inspections described in this report. A copy of the form is provided as Appendix G, and includes corrections to NS1 identifying information (e.g., tax lot information, which was revised during the August 26, 2010 to April 23, 2021 reporting period).

Due to construction being halted, portions of NS1 are not yet capped; however, the uncapped portions are enclosed within chain-link construction fencing with locked gates. Once construction is completed, the entirety of NS1 will be capped in accordance with the SMP with concrete, asphalt or one foot of clean fill (meeting the requirements of Part 375 SCOs calculated as the lower of the SCOs for Commercial Use and for Protection of Groundwater, or for which specific approval was given by NYSDEC) underlain by a demarcation layer. The Site cover repairs and alterations will continue to be documented in subsequent PRRs.

The NS1 vapor mitigation system was substantially completed, with the exception of the wind turbine cap on the riser, which will replace the existing temporary rain cap as construction progresses. The NS1 vapor barriers have been installed, and the sub-slab depressurization system (SSDS) was installed and tested in accordance with the SMP. As part of future construction, the wind turbine cap will be installed on the SSDS riser, indoor air quality testing will be conducted within the Terminal Building, and a methane monitoring system will be installed, as specified in the SMP. Subsequent repairs, testing and maintenance will be documented in subsequent PRRs.

FIGURES



Map Source: USGS Topo base map service from The National Map

LEGEND

NEW YORK WHEEL SITE (NORTH SITE 1)

VCA SITE V-00228

0 600 1,200

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

Ballpark at St. George - North Site 1
Staten Island, New York

SITE LOCATION

DATE
1/17/2018

PROJECT NO.
80305

FIGURE
1

©2018 AKRF W:\Projects\11568 - ST GEORGE OUTLET MALL AND NY WHEEL\Technical 2017\GIS and Graphics\Hazmat\80305 Fig 1 Prop loc Ballpark at St. George 2018 PRR.mxd 1/17/2018 11:37:13 AM iszalus

KILL VAN KULL

MTA Right-of-Way (Current Lot 18) not part of VCA Site V-0028

New York Wheel Site
(Current Lot 22)

Former New York Wheel Pier
(removed in late 2023)

Chain-link construction fencing enclosing North Site 1 (NS1),
and a portion of the Site outside NS1.

Ballpark at St. George Site
(Current Lot 20)

UPPER NEW YORK BAY

South Site 2

LEGEND

- VCA SITE V-00228 (HISTORIC TAX BLOCK 2, LOT 20)
- NEW YORK WHEEL SITE (NORTH SITE 1)
- EMPIRE OUTLETS SITE (CURRENT LOT 15)
- 15 — LOT BOUNDARY AND TAX LOT NUMBER
- 2 — BLOCK NUMBER

0 150 300 600

SCALE IN FEET

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

Aerial Source:
2014 New York Statewide Digital Orthoimagery

©2024 AKRF O:\Projects\80614.03 - NYCEDC NY WHEEL SITE\SAR\80305 Fig 2 North Site 1 Plan_2024 PRR.mxd 7/18/2024 10:43:13 AM jszalus

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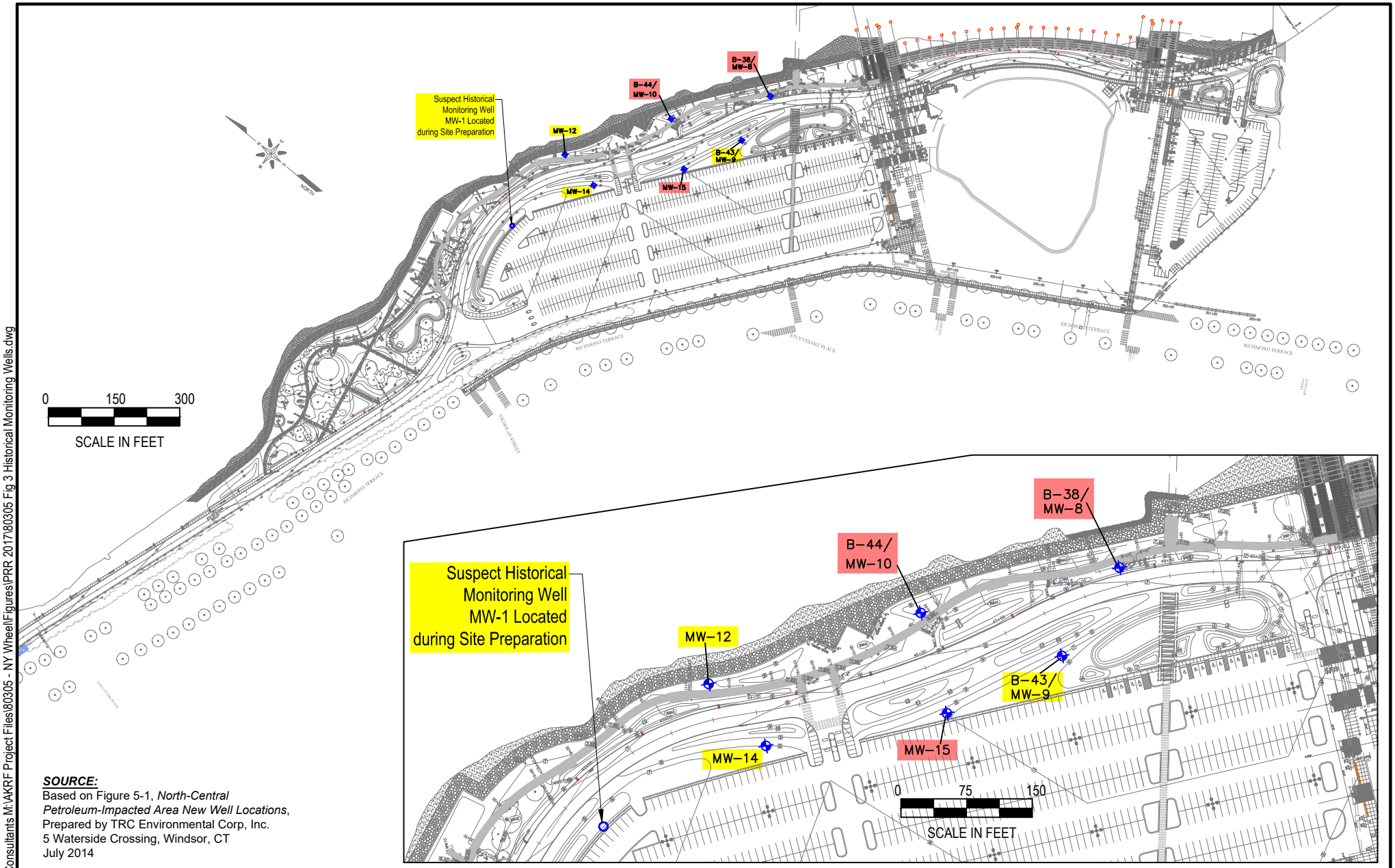
Ballpark at St. George - North Site 1
Staten Island, New York

NORTH SITE 1 PLAN

DATE
7/18/2024

PROJECT NO.
80305

FIGURE
2



SOURCE:
Based on Figure 5-1, *North-Central Petroleum-Impacted Area New Well Locations*,
Prepared by TRC Environmental Corp, Inc.
5 Waterside Crossing, Windsor, CT
July 2014

LEGEND:

B-44/ MW-10 — Well could not be located in December 2014 - Suspected Destroyed prior to Construction

MW-12 — Well Decommissioned in April 2016

Ballpark at St. George Stadium - North Site 1
Staten Island, New York

HISTORICAL MONITORING WELLS

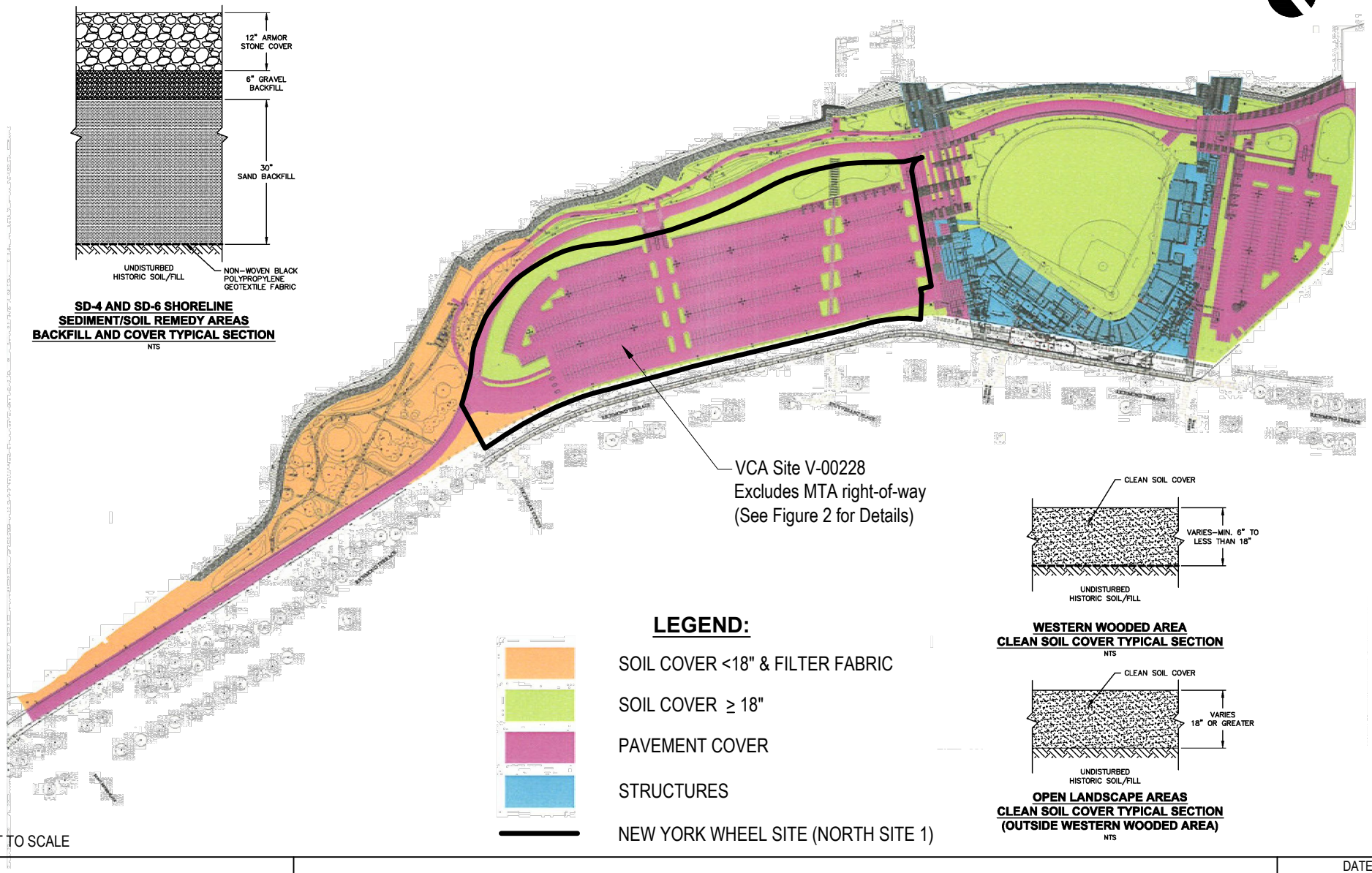
AKRF
440 Park Avenue South, New York, N.Y. 10016

DATE
7/19/2017

PROJECT NO.
80305

FIGURE
3

© 2017 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\80305 - NY Wheel\Figures\PRR 2017\80305 Fig 3 Historical Monitoring Wells.dwg



©2018 AKRF, Inc M:\AKRF Project Files\80305 - NY Wheel\Figures\PRR 2017\80305 Fig 4 South Site 1 Plan_Site_Cover.dwg last save: jszalus 1/17/2018 11:01 AM

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440 Park Avenue South, New York, NY 10016

Ballpark at St. George Stadium - North Site 1

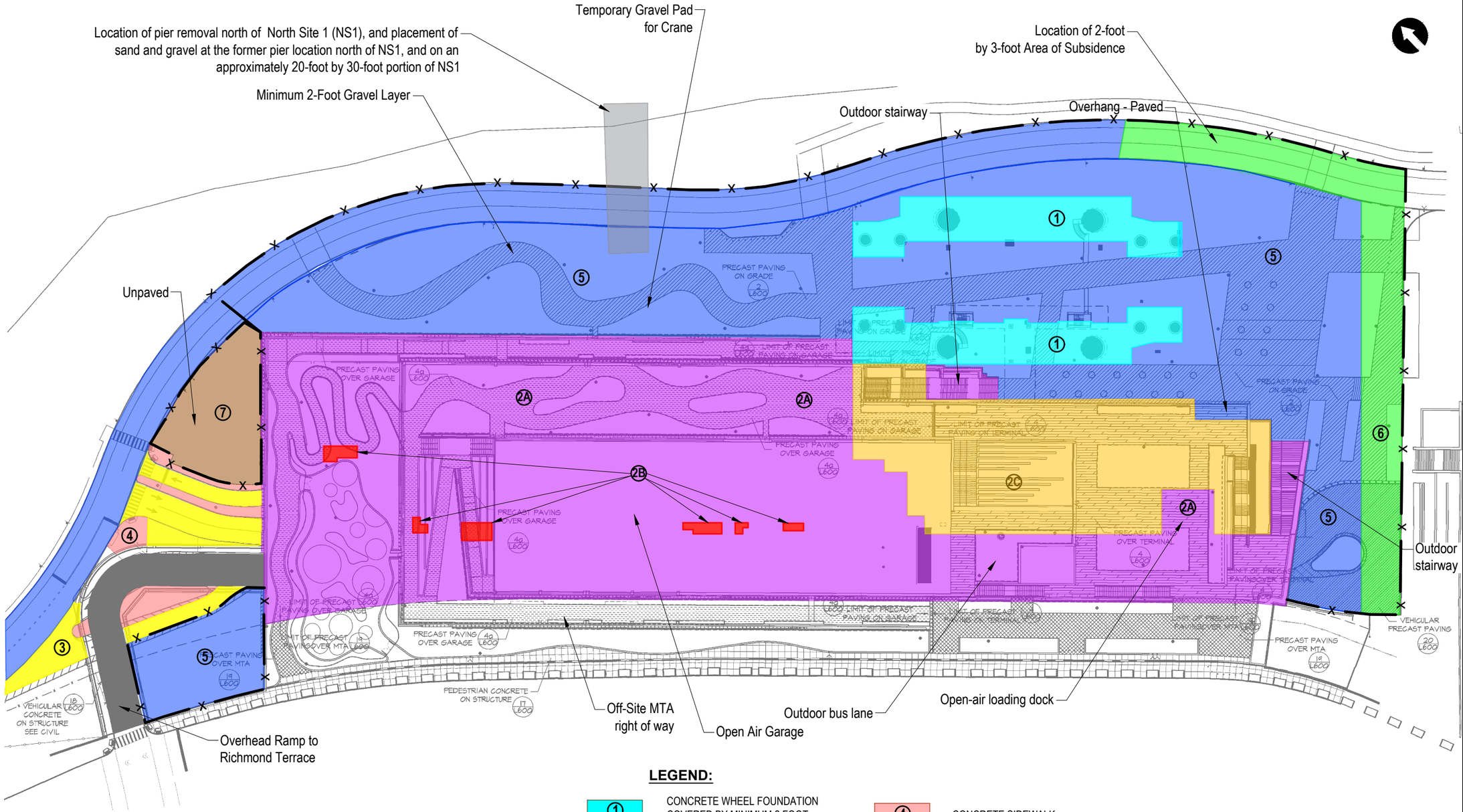
Staten Island, New York

PRE-CONSTRUCTION SITE COVER

DATE
1/17/2018

PROJECT NO.
80305

FIGURE
4



LEGEND:

- ① CONCRETE WHEEL FOUNDATION COVERED BY MINIMUM 2 FOOT GRAVEL (3/4 INCH) LAYER
- 2A CONCRETE FOUNDATION SLAB - NO VAPOR BARRIER OR SSDS
- 2B CONCRETE FOUNDATION SLAB UNDERLAIN BY VAPOR BARRIER
- 2C CONCRETE FOUNDATION SLAB UNDERLAIN BY VAPOR BARRIER AND SSDS
- ③ ASPHALT-PAVED ROADWAY
- ④ CONCRETE SIDEWALK
- ⑤ MINIMUM 2 FOOT GRAVEL (3/4 INCH) LAYER
- ⑥ ASPHALT PAVEMENT
- ⑦ UNPAVED
- X CHAINLINK CONSTRUCTION FENCE

0 40 80 160

SCALE IN FEET

SOURCE:
Based on Drawing L-413, *Material Plan*, Prepared by Perkins Eastman, Inc
115 Fifth Avenue New York, New York
Jul 2016

STATE OF NEW YORK · MICHELLE LAPIN · LICENSED PROFESSIONAL ENGINEER · NO. 072...

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440 Park Avenue South, New York, NY 10016

Ballpark at St. George Stadium - North Site 1
Staten Island, New York

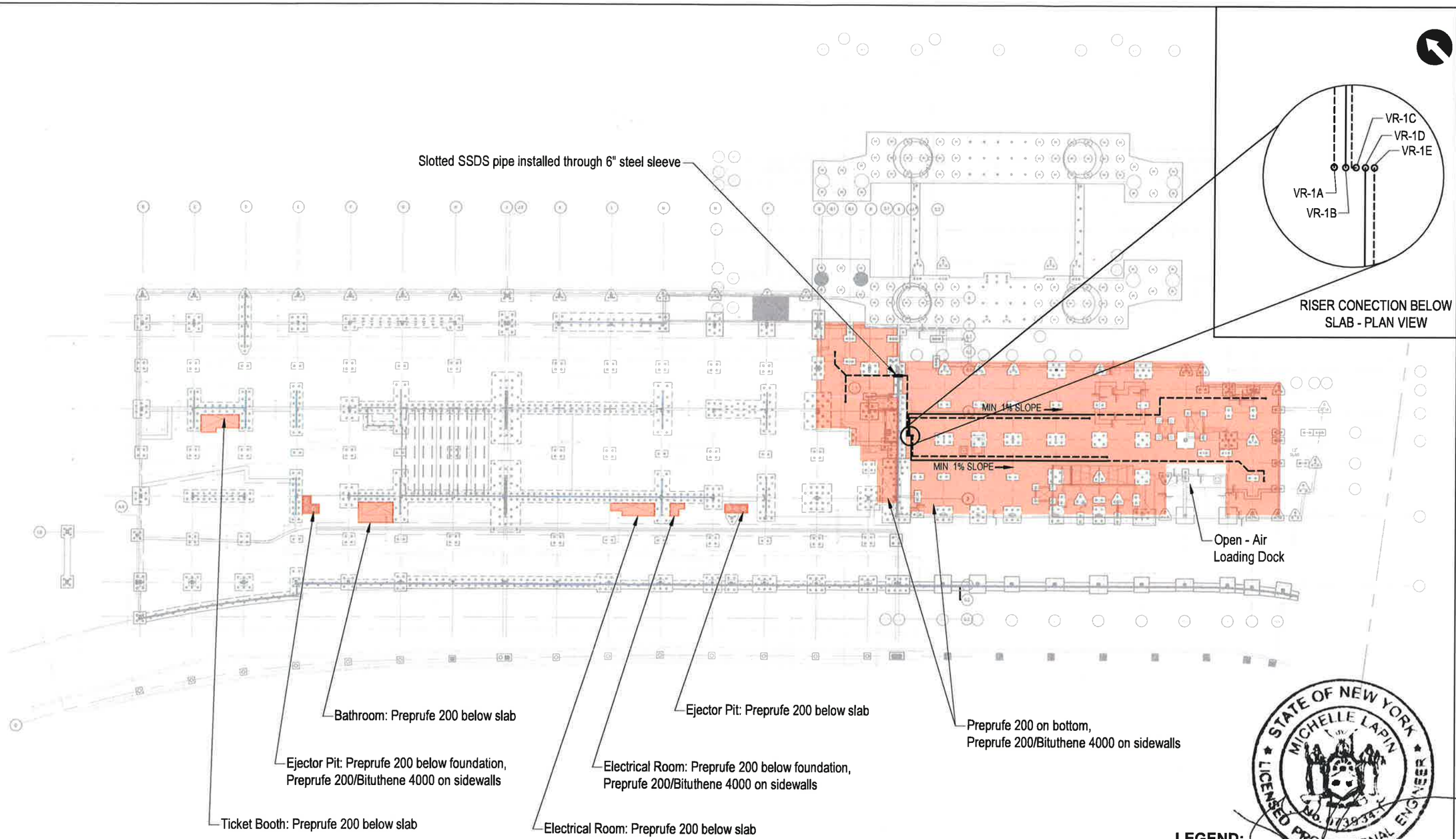
CURRENT SITE COVER

DATE
7/8/2025

PROJECT NO.
80305

FIGURE
5

©2025 AKRF, Inc. M:\AKRF Project Files\80305 - NY Wheel\Figures\PRR2025\80305 Fig 5 North Site 1 Site Cover_response.dwg last save: jszalus 7/8/2025 2:53 PM



LEGEND:

- VAPOR BARRIER
- SLOTTED SSDS PIPE BENEATH SLAB
- SOLID SSDS PIPE BENEATH SLAB

STATE OF NEW YORK
MICHELLE LAPIN
No. 073934
LICENSED PROFESSIONAL ENGINEER

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440 Park Avenue South, New York, NY 10016

Ballpark at St. George Stadium - North Site 1
Staten Island, New York

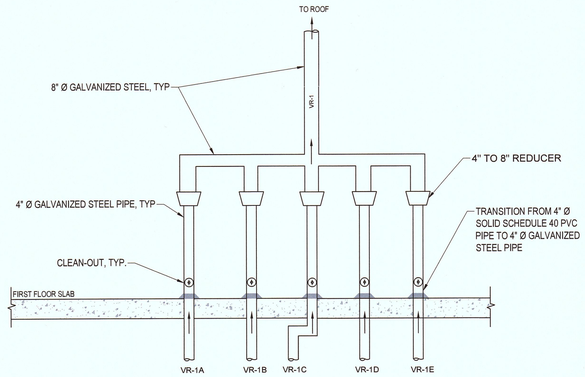
AS-BUILT SSDS AND VAPOR BARRIER PLAN 1

DATE
7/19/2017

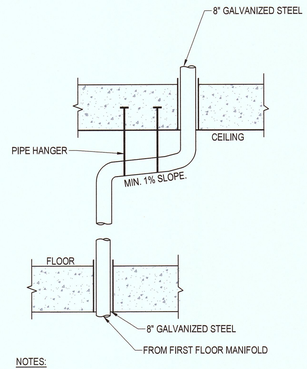
PROJECT NO.
80305

FIGURE
6

©2017 AKRF, Inc
M:\AKRF Project Files\80305 - NY Wheel\Figures\PRR 20170803O5 Fig 6 AS-Builts SSDS and Vapor Barrier Plan 1.dwg last save: jszalus 7/19/2017 10:16 AM



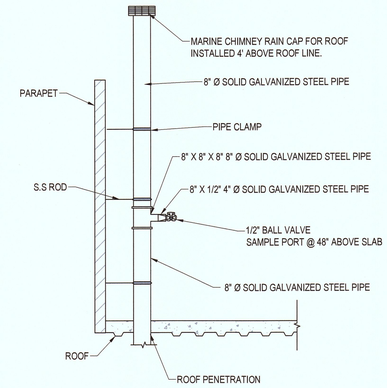
1 - MANIFOLD DIAGRAM (VIEW FROM SOUTH)
SCALE: NTS



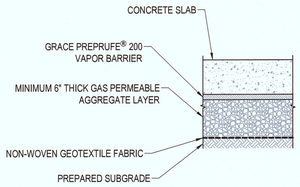
NOTES:

1. EXTEND RISER FROM THE 1ST FLOOR MANIFOLD TO ROOF.

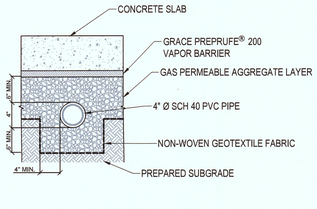
2 - TYPICAL RISER OFFSET
SCALE: NTS



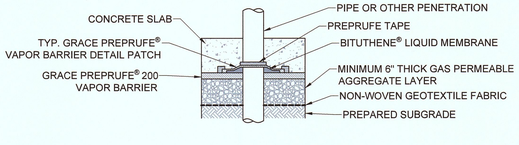
3 - TYPICAL EXHAUST STACK
SCALE: NTS



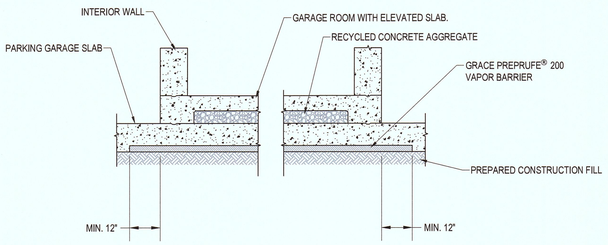
4 - TYPICAL SECTION THROUGH SUB-SLAB
SCALE: NTS



5 - TYPICAL SECTION THROUGH SUB-SLAB PIPING TRENCH
SCALE: NTS



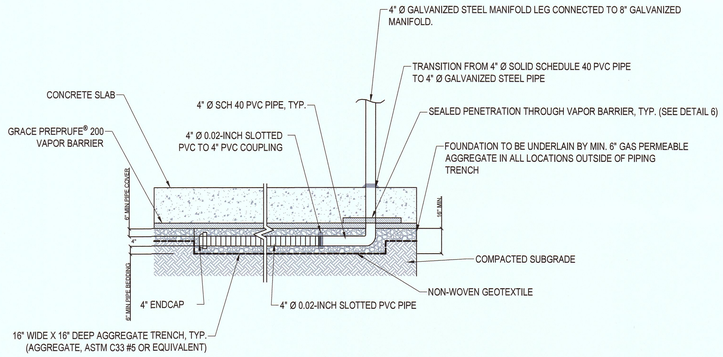
6 - TYPICAL VAPOR BARRIER PENETRATION
SCALE: NTS



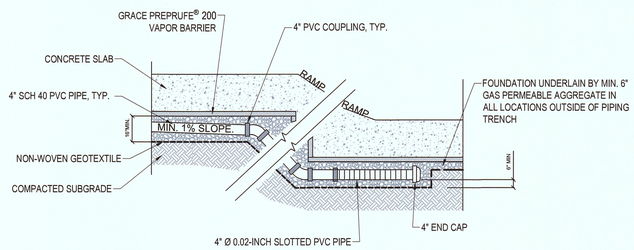
NOTES:

1. GRACE PREPRUFE® VAPOR BARRIER FOOTPRINT EXTENDS A MINIMUM OF 12" ON ALL SIDES OF INTERIOR ROOM.

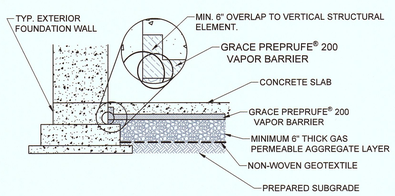
7 - VAPOR BARRIER AT TYPICAL INTERIOR GARAGE ROOM
SCALE: NTS



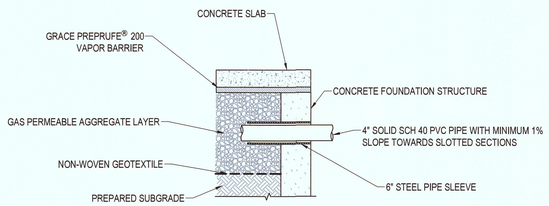
8 - TYPICAL SSDS PIPING PROFILE
SCALE: NTS



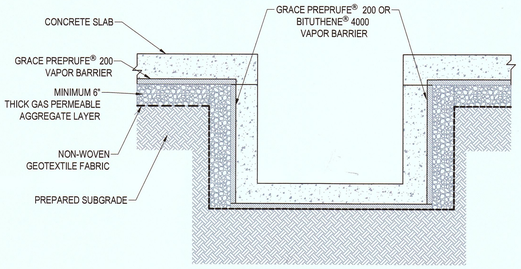
9 - TYPICAL CHANGE IN ELEVATION PIPING DETAIL
SCALE: NTS



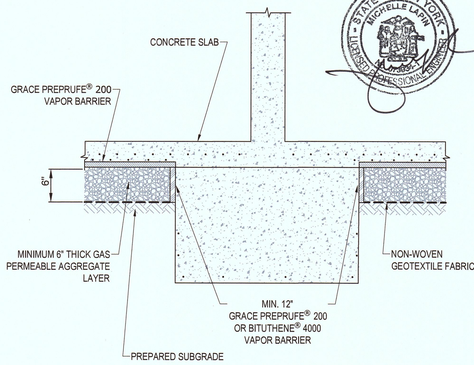
10 - VAPOR BARRIER DETAIL AT TYPICAL EXTERIOR FOUNDATION WALL
SCALE: NTS



11 - TYPICAL PIPE SLEEVE THROUGH GRADE BEAM
SCALE: NTS



12 - VAPOR BARRIER DETAIL AT TYPICAL ELEVATOR PIT
SCALE: NTS



13 - VAPOR BARRIER DETAIL AT TYPICAL INTERIOR PILE CAP
SCALE: NTS

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BALLPARK AT ST. GEORGE STADIUM - NORTH SITE 1
Staten Island, New York

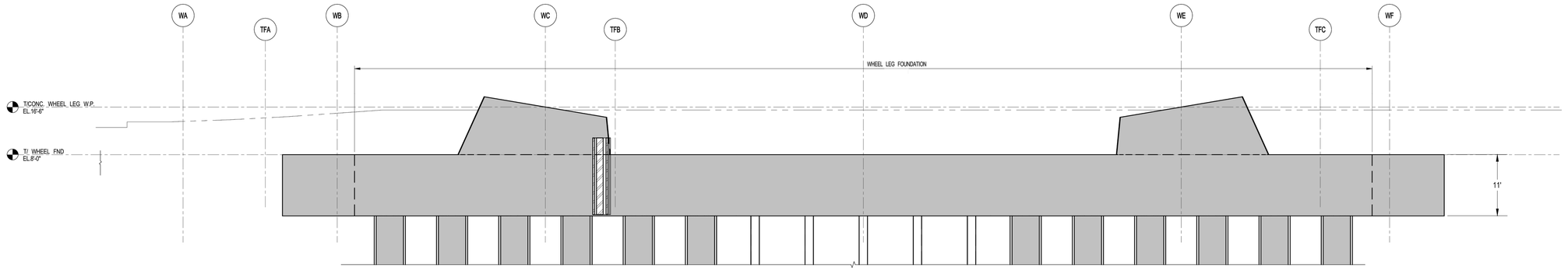
AS-BUILT SSDS AND VAPOR BARRIER PLAN 2

DATE
1/10/2020

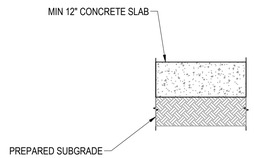
PROJECT NO.
80305

FIGURE
7

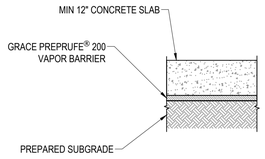
©2020 AKRF, Inc. M:\AKRF Project Files\80305 - NY Wheat\Figures\PRR 2018\80305 Fig 7 AS-Built& New Cap SSDS and Vapor Barrier Plan 2.dwg last save: jsoulas 1/10/2020 11:43 AM



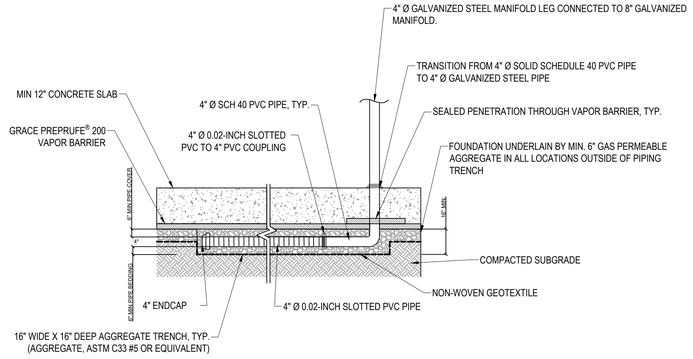
1 - CONCRETE WHEEL FOUNDATION
SCALE: NTS



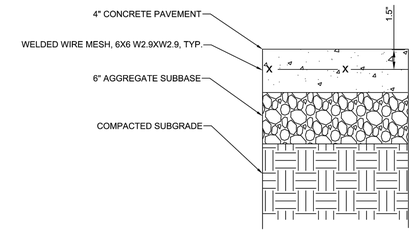
2A - TYPICAL CONCRETE FOUNDATION SLAB - NO VAPOR BARRIER OR SSDS
SCALE: NTS



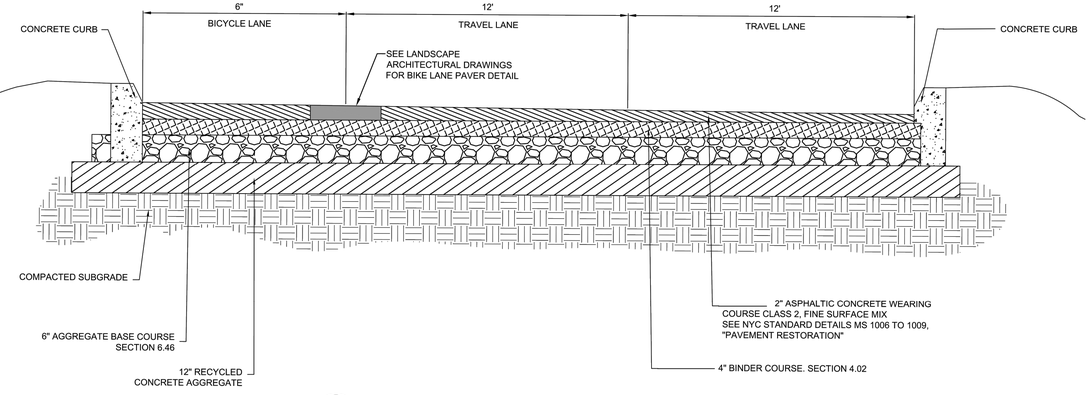
2B - TYPICAL CONCRETE FOUNDATION SLAB UNDERLAIN BY VAPOR BARRIER
SCALE: NTS



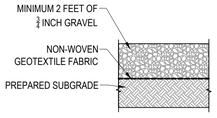
2C - TYPICAL CONCRETE FOUNDATION SLAB UNDERLAIN BY VAPOR BARRIER AND SSDS
SCALE: NTS



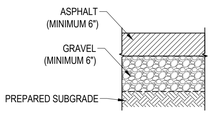
4 - TYPICAL CONCRETE SIDEWALK
SCALE: NTS



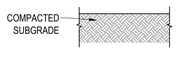
3 - TYPICAL ASPHALT PAVEMENT SECTION (PERMANENT SITE COVER)
SCALE: NTS



5 - GRAVEL LAYER
SCALE: NTS



6 - ASPHALT - PAVEMENT (TEMPORARY SITE COVER)
SCALE: NTS



7 - UNPAVED AREA
SCALE: NTS

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BALLPARK AT ST. GEORGE STADIUM - NORTH SITE 1
Staten Island, New York

POST - CONSTRUCTION SITE COVER DETAILS

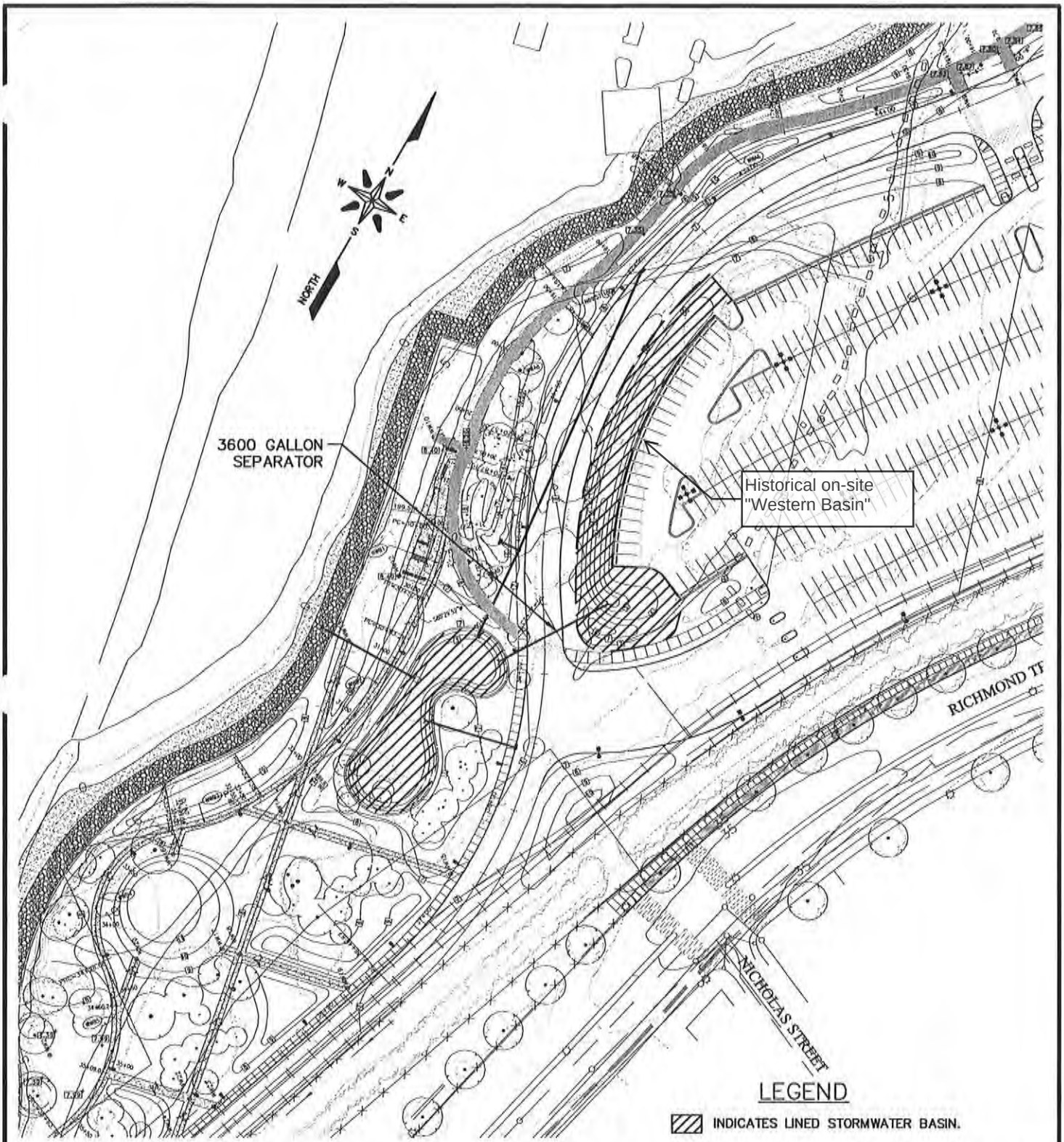
DATE
7/31/2023

PROJECT NO.
80305

FIGURE
8

©2023 AKRF, Inc. M:\AKRF Project Files\80305 - NY Wheel\Figures\PRO\20230335 Fig 8 North Site 1 Cover Details_response.dwg last save: jacklin 7/31/2023 11:27 AM

APPENDIX A
HISTORICAL STORMWATER BASIN LOCATIONS AND PROPOSED STORMWATER STRUCTURES



LEGEND

INDICATES LINED STORMWATER BASIN.

0 100 200

GRAPHIC SCALE

TRC Environmental Corporation

21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

ST. GEORGE STATION BALLPARK
STATEN ISLAND, NEW YORK

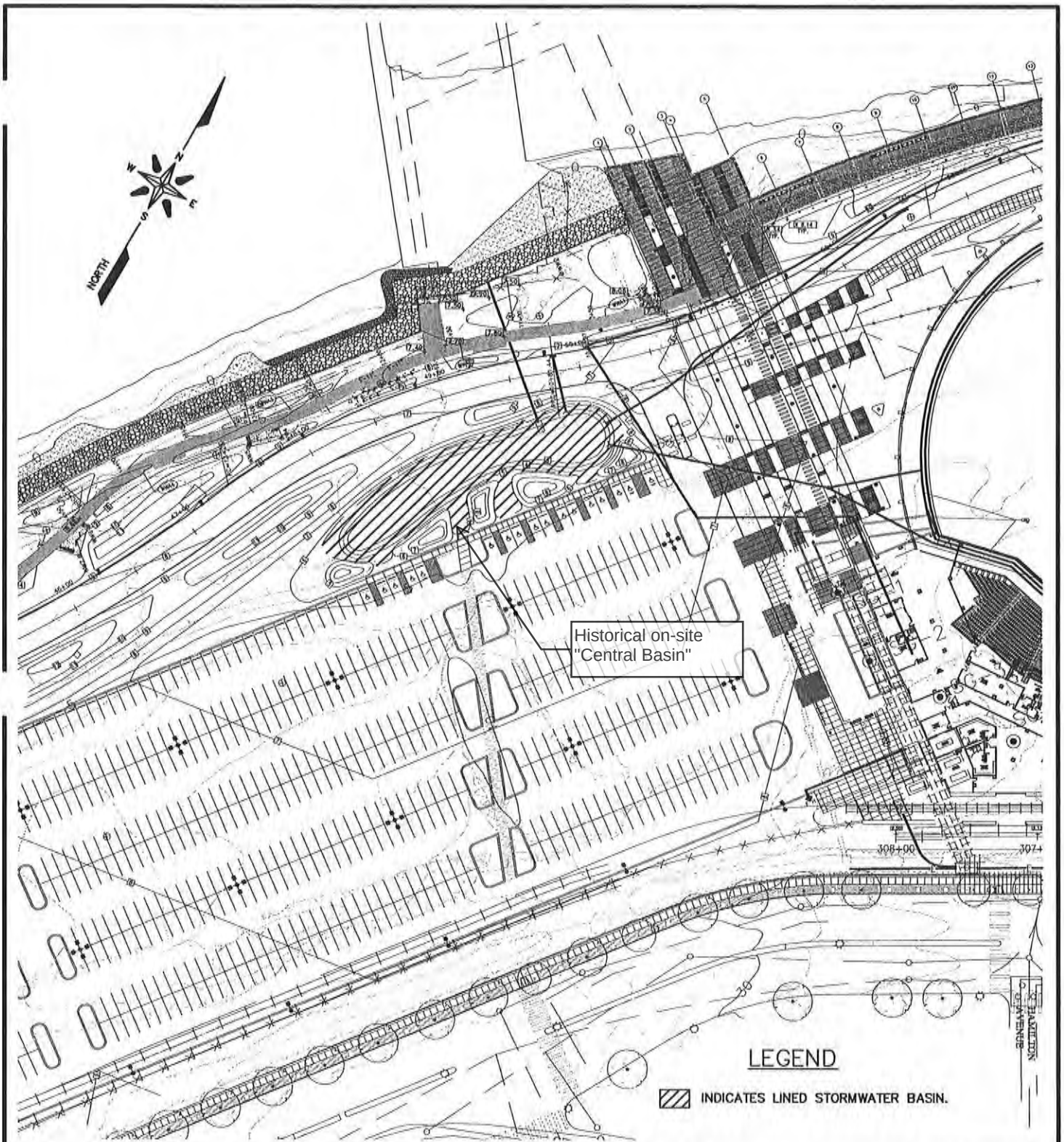
FIGURE 2-2A
LINED STORMWATER BASIN LOCATIONS

Date: 03/03/06

Project No. 31193-0020-00020

31193\0020\A\Fig2-2

J:\Cad\31193\0020\A\Fig2-2.dwg, Figure 2-2A, 3/6/2006 11:31:15 AM



0 100 200

GRAPHIC SCALE

TRC Environmental Corporation

21 Griffin Road North
Windsor, CT 06095
(860) 298-9692

ST. GEORGE STATION BALLPARK
STATEN ISLAND, NEW YORK

FIGURE 2-2B
LINED STORMWATER BASIN LOCATIONS

Date: 03/03/06

Project No. 31193-0020-00020

31193\0020\A\Fig2-2

J:\Cad\31193\0020\A\Fig2-2.dwg, Figure 2-2B, 3/6/2006 11:28:57 AM

Stormceptor® Overview

The Stormceptor System is a water quality device used to remove total suspended solids (TSS) and free oil (TPH) efficiently from stormwater. Stormceptor takes the place of a conventional manhole or inlet structure within a storm drain system.

The Stormceptor will capture the majority of the pollutants which are carried in the initial flows of the stormwater. A key advantage of Stormceptor compared to other water quality controls in a storm sewer is the patented internal by-pass which prevents the re-suspension and scouring of captured material during infrequent high flow conditions.

Stormceptor has two components:

- treatment chamber
- by-pass chamber

Stormwater flows into the Stormceptor via the storm sewer pipe. Average flows are diverted into the treatment chamber by a weir and drop pipe arrangement (Figure 1). The drop pipe is configured to discharge water tangentially along the treatment chamber wall. Water flows through the treatment chamber to the outlet pipe, which is submerged similar to the drop inlet pipe. Water flows up through the outlet pipe based on the head at the inlet weir, and is discharged back into the by-pass chamber downstream of the weir. The downstream section of the by-pass chamber is connected to the outlet sewer pipe.

Oil and other liquids with a specific gravity less than water will rise in the treatment chamber and become trapped since the outlet pipe is submerged. Sediment will settle to the bottom of the chamber by gravitational forces. The circular design of the treatment chamber is critical to prevent turbulent eddy currents and to promote settling.

During high flow conditions, stormwater in the by-pass chamber will overtop the weir and be conveyed to the outlet sewer directly (Figure 2). Water, which overflows the weir, creates a backwater effect on the outlet pipe (head stabilization between the inlet drop pipe and outlet riser pipe) ensuring that excessive flow will not be forced into the treatment chamber which could scour or re-suspend the captured material. The by-pass is an integral part of the Stormceptor since other oil / grit separators have been noted to scour during high flow conditions (Schueler and Shepp, 1993).

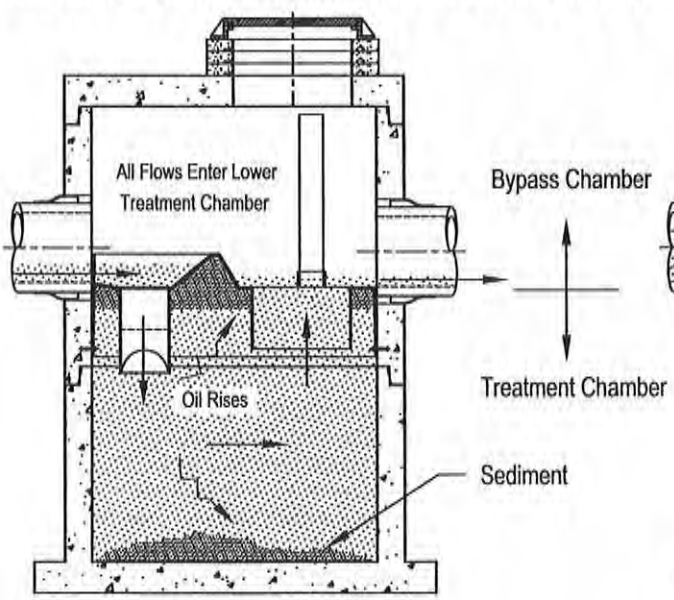


Figure 1

Stormceptor Operation During Average Flow Conditions

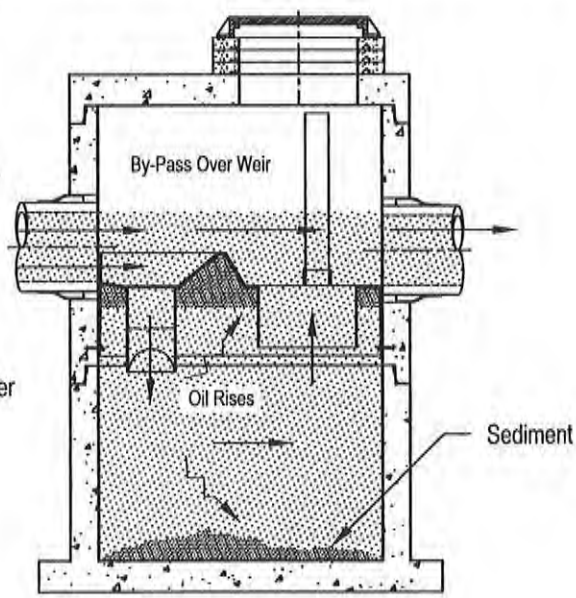


Figure 2

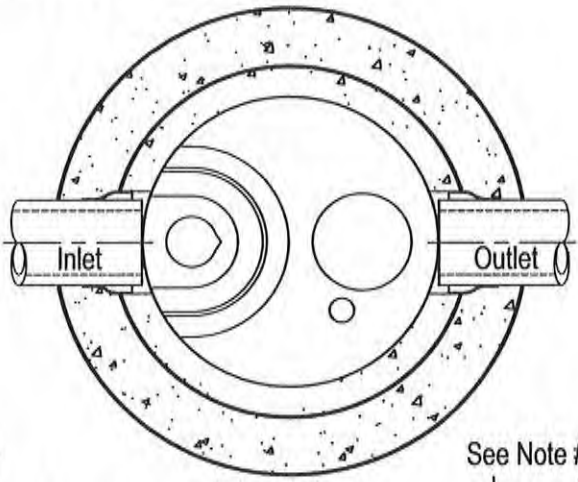
Stormceptor Operation During High Flow Conditions

Head Differential Reduced During By-Pass (No Scour or Re-Suspension of Pollutants in Lower Chamber

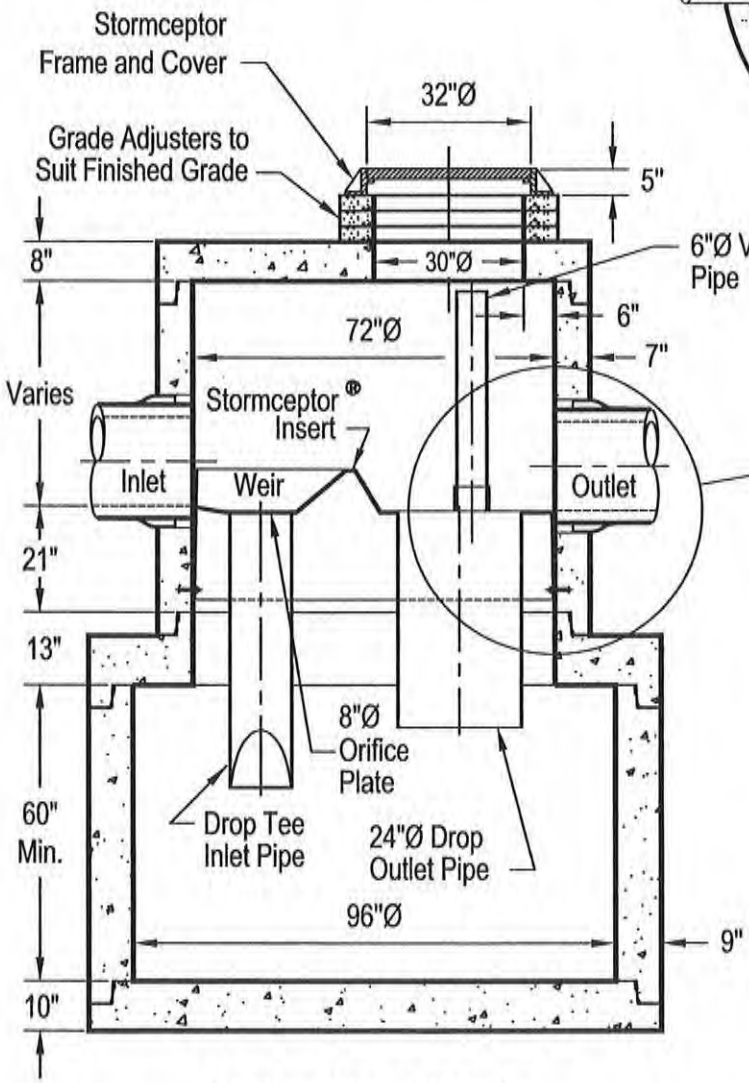
Rinker MATERIALS™

Hydro Conduit Division

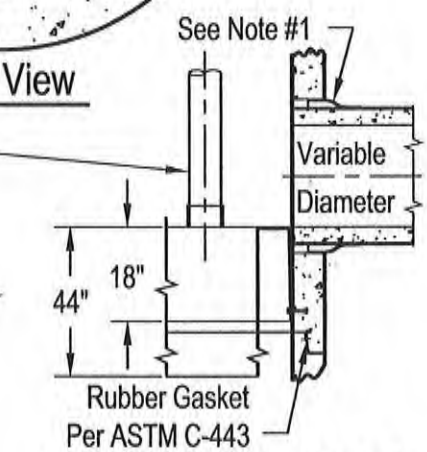
STC 2400 Precast Concrete Stormceptor®
(2400 U.S. Gallon Capacity)



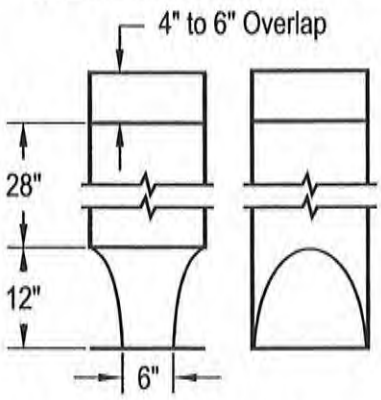
Plan View



Section Thru Chamber



Outlet Connection Detail



Enlarged Inlet Tee Drop Pipe

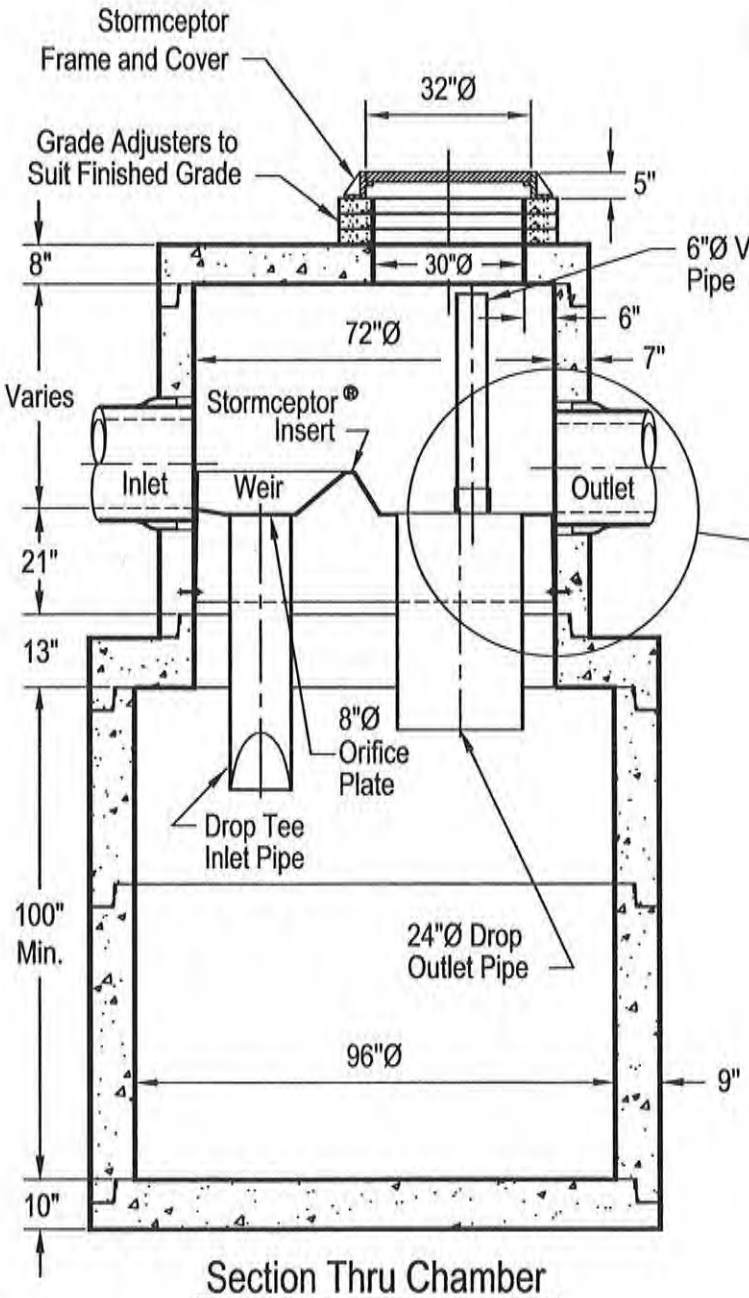
Notes:

1. The use of a Flexible Connection is recommended at The Inlet and Outlet Pipe.
2. The Cover should be positioned over The Outlet Drop Pipe and The Vent Pipe.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Hydro Conduit representative for further details not listed on this sheet.

Rinker MATERIALS™

Hydro Conduit Division

STC 3600 Precast Concrete Stormceptor®
(3600 U.S. Gallon Capacity)



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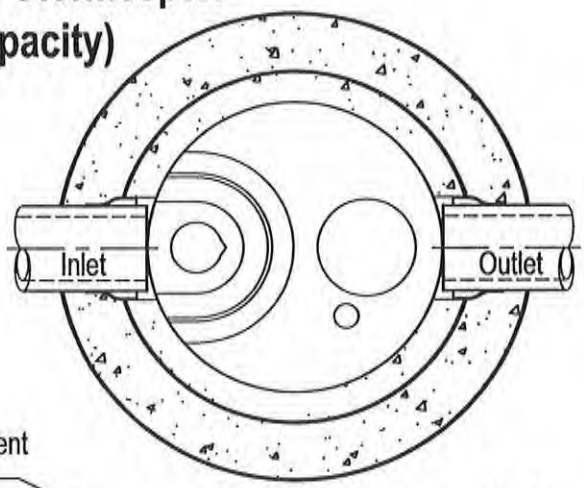
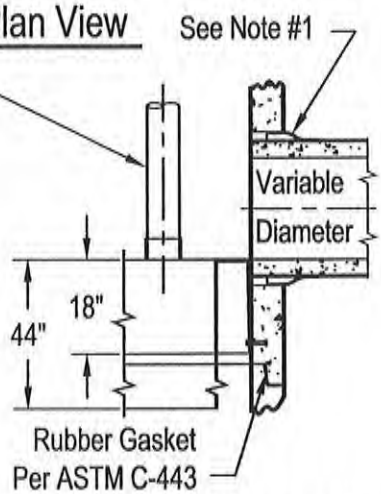
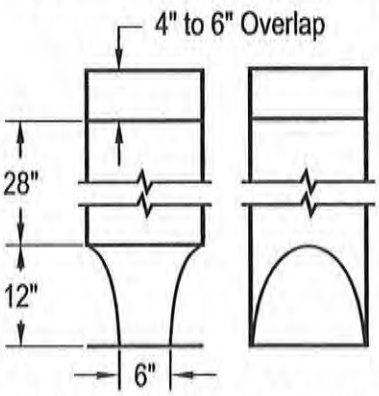


Plan View



Outlet Connection Detail



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4. Contact a Hydro Conduit representative for further details not listed on this sheet.

STORMCEPTOR MAINTENANCE

INSPECTION OF STORMCEPTOR

Generally, maintenance is done once per year, but it is advisable to check the unit several times during the first year to determine the rate of sediment and oil accumulation. It is recommended that the unit be checked each 3 months for the first year. The inspection frequency in subsequent years is based on observations made during the first year. A maintenance inspection form should be completed annually to ensure timely maintenance and optimum performance of the Stormceptor.

The inspection is conducted by taking a sample from the unit using a clear plastic sampling tube. Commercial sampling tubes are available from water and wastewater equipment suppliers. The Stormceptor cover must be removed in order to take samples of the oil and sediment accumulation.

To check the level of sediment the sampling tube is lowered through the 24-inch discharge opening until it hits the bottom of the unit. Once the sampling tube is raised you can observe the level of sediment accumulation. Three samples should be taken and averaged. Maintenance should be performed once the sediment depth exceeds the guideline values provided in Table 1.

Table 1

Sediment Depths Indicating Required Maintenance

Model (USG)	Sediment Depth mm (in.)
900	150 (6)
1200	225 (7)
1800	300 (12)
2400	300 (12)
3600	375 (15)
4800	300 (12)
6000	450 (18)
7200	375 (15)

To check the level of oil in the Stormceptor the sampling tube is lowered through the 6-inch vent pipe into the upper portion of the separation tank. After removing

the sampler the water column can be examined. If more than 1 inch (approx. 15 USG) of oil (hydrocarbons) is observed then the oil should be removed.

CLEANING EQUIPMENT AND CONTRACTORS

Stormceptor units are normally cleaned using vacuum trucks. These trucks will suck the water and pollutants out of the unit. The most widely used truck is the Vactor vacuum truck, but other manufacturers and equipment are available. Commercial companies can be found in the Yellow Pages under "Tank Cleaning" or "Septic Cleaning".

COST

The cost of maintenance can vary widely, and depends on the number, and size of the Stormceptor unit to be cleaned. The typical cost is about $600 per cleaning. The larger units may cost proportionally more. Economies of scale can be expected if several units are to be cleaned at once. A public bid to clean any size unit was received at $400.00 per unit for a jurisdiction with over 20 units installed.

DISPOSAL OF WASTE

The procedure used to dispose of the waste materials will depend upon the requirements in each jurisdiction. In general, the oil and other floating hydrocarbons are skimmed (pumped) off the surface for recycling. The sediment is removed from the Stormceptor by the vacuum truck. Local requirements will dictate sludge disposal options; several options include:

- the sludge is discharged directly to the sewerage treatment plant
- the sludge is dewatered into a dry material. The dried sludge would be taken to a landfill or incinerator (where acceptable). The clear water would be discharged into the sanitary sewer

OTHER INFORMATION

The owner of the Stormceptor should call the local, town, city, county, etc. official that is responsible for administering the stormwater management, drainage or water quality program for that jurisdiction to find out the specific reporting requirements in their area. You should be able to find this official in the municipal Department of Public Works, Engineer's Office or the state Department of Environmental Protection.

LIGHT DUTY GEOTEXTILE
(PERMEABLE FILTER FABRIC)
SPECIFICATION

ITEM 6.6802 – LIGHT DUTY GEOTEXTILE

6/13/00

PART 1 - GENERAL

1.1 SUMMARY

A. This section applies to Light Duty Geotextile Fabric.

1.2 SUBMITTALS

1. Documentation from Manufacturer showing properties of the fabric.

PART 2 - PRODUCTS

2.1 Materials

1. The fabric shall meet the requirements of Colback S75 Fabric or approved equal.

1. The fabric shall be permeable, nonbiodegradable, nonwoven, and have properties equal to or better than the following properties:

- Mass per unit area: 2.2 oz/sq. yd.
- Thickness: 16 mils
- Breaking Strength: 27 lbs./in.
- Break at 2%: 7 lbs/in.
- Break at 15%: 20 lbs/in
- Resistance to Tearing: 25 lbs.
- Elongation to break: 27%

2. The color shall be white.

3. Manufacturer: Colbond Inc. (or approved equal)
PO Box 1057
Sand Hill Road
Enka, North Carolina 28728
Contact: Michael Morgan
Phone: 828-665-5000
Fax: 828-665-5005

PART 3 - EXECUTION

3.1 Installation

1. General: The fabric shall be installed in areas indicated on the plans where the proposed cover from existing ground to final finished grade is less than 2'. The installation shall be in accordance with the manufacturer's requirements and instructions. The plans indicate areas that will require this fabric. Prior to placing embankment or planting soil mix within these

indicated limits, the contractor shall install this fabric. Areas that require fabric but are outside the limits of work for this contract will be placed by others under separate contract.

2. The contractor shall stake out the locations of the proposed trees and shrubs prior to installing the fabric and backfill.
   - The fabric shall not be installed within the dripline of existing trees.
   - The fabric shall not be installed within 25' radial from proposed trees.
   - The fabric shall not be installed within 10' of proposed shrub beds.

3. The fabric shall be laid loosely, so that placement of overlaying materials will not stretch or tear it. Fabric shall be anchored in an approved manner that will hold it in position. Overlap shall be in accordance with the manufacturer's recommendation. Should the fabric become torn or otherwise damaged, the contractor shall patch the fabric by placing an additional section of fabric over the tear with a three-foot overlap on all sides. The overlaying material shall be placed with in two (2) weeks. No traffic or equipment shall travel over the fabric except as required for placement of material on top of it.

4. Final Shape: The fabric shall be cut as necessary in the field to achieve the final configuration shown in the contract plans and as required by this specification.

3.2 PRICE TO COVER

A. Measurement: The quantity of fabric to be measured for payment shall be the number of square yards computed between the limits shown on the plans or within the limits established in writing by the Engineer prior to the performance of the work. No quantity will be included for material used for repair of tears or for material used at the overlaps.

B. Price per Square Yard: The unit price bid per square yard shall include the cost of all material, equipment, labor, dewatering, incidentals, surface preparation upon which the fabric is placed, and other work necessary to properly install the fabric in accordance with the contract plans, specifications and the manufacturer's instructions. Embankment, planting soil mix, and survey associated with the installation shall be paid under the appropriate items.

C. Approval for Payment: This fabric shall be fully installed, properly covered with planting soil mix, and approved by the Engineer before payment.

END OF SECTION 6.6802

SHORELINE FILTER FABRIC

SPECIFICATION SHEET

AMOCO FABRICS AND FIBERS COMPANY
900 Circle 75 Parkway, Suite 300
Atlanta, GA 30339
PH: (770) 984-4444 (800) 445-7732
FX: (770) 956-2430

STYLE 4553

Amoco Style 4553 is a polypropylene nonwoven needlepunched fabric. This engineered geotextile is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a ph range of 2 to 13, making it one of the most stable polymers available for geotextiles today. We wish to advise that **Amoco Style 4553** meets the following minimum average roll values:

Property	Test Method	Minimum Average Roll Value ENGLISH	Minimum Average Roll Value METRIC
Grab Tensile	ASTM D 4632	203 lb	0.9 kN
Grab Elongation	ASTM D 4632	50 %	50 %
Mullen Burst	ASTM D 3786	400 psi	2750 kPa
Puncture	ASTM D 4833	130 lb	0.575 kN
Trapezoidal Tear	ASTM D 4533	80 lb	0.355 kN
UV Resistance	ASTM D 4355	70%@500 hrs	70%@500 hrs
AOS	ASTM D 4751	100 sieve	0.15 mm
Permittivity	ASTM D 4491	1.5 sec^{-1}	1.5 sec^{-1}
Flow Rate	ASTM D 4491	110 $gal/min/ft^2$	4470 $L/min/m^2$

Amoco Fabrics and Fibers Company manufacturers the nonwoven fabric indicated above. The values listed are a result of testing conducted in on-site laboratories. A letter certifying the minimum average roll values will be issued from the manufacturing plant by the Quality Control Manager at the time shipment is made.

DATE ISSUED: 01/01/98

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. Except when agreed to in writing for specific conditions of use, no warranty or guarantee expressed or implied is made regarding the performance of any product, since the manner of use and handling are beyond our control. Nothing contained herein is to be construed as permission or as a recommendation to infringe any patent.

GEOSYNTHETIC CLAY LINER SPECIFICATION
(FOR STORMWATER DETENTION BASINS)

BENTOFIX® NWL

NWL

Thermal Lock® Geosynthetic Clay Liners

Bentofix Thermal Lock® NWL Geosynthetic Clay Liner (GCL) is a needlepunched, thermally reinforced composite comprised of a core of natural sodium bentonite clay between two durable geotextile layers to form a low permeability hydraulic barrier. The top layer is a staple fiber nonwoven (NW) geotextile while the bottom layer is a scrim reinforced nonwoven (SRNW) geotextile.

Property	ASTM Test Method	Frequency	Value Imperial Units	Value Metric Units
Typical Geotextile Properties				
• Top / Cap Nonwoven	D 5261	200,000 sq ft (20,000 m²)	6.0 oz./yd² MARV	200 g / m² MARV
• Scrim Reinforced Nonwoven			6.0 oz./yd² MARV	200 g / m² MARV
Bentonite Properties (SI Units Only)				
• Swell Index	D 5890	100,000 lbs. (50,000 kg)	24 ml/ 2 g min	24 ml/ 2 g min
• Moisture Content	D 4643		12 % max	12 % max
• Fluid Loss	D 5891		18 ml max	18 ml max
Finished GCL Properties				
• Bentonite Mass/Unit Area[2]	D 5993	40,000 ft² (4,000 m²)	0.75 lbs/ft² MARV	3.66 kg/m² MARV
• Grab Strength[3]	D 4632	40,000 ft² (4,000 m²)	150 lbs	667 N
• Grab Elongation[1]	D 4632	40,000 ft² (4,000 m²)	100 %	100 %
• Peel Strength[4]	D 4632	40,000 ft² (4,000 m²)	15 lbs	66 N
• Permeability[5]	D 5084	100,000 ft² (40,000 m²)	5 x 10^{-9} cm/s max	5 x 10^{-9} cm/s max
• Index Flux[5]	D 5887	Weekly	1 x 10^{-8} m³/m²/s max	1 x 10^{-8} m³/m²/s max
• Internal Shear Strength[6]	D 6243	Periodic	500 psf	24 kPa

Value shown is typical. Elongation is provided for reference only.
[2] Oven-dried measurement. Equates to 0.84 lbs when indexed to a 12% moisture. The 3.66 kg/m² mass equates to 4.1 kg when indexed to 12% moisture.
[3] Measured at maximum peak, in weakest principal direction. Modified to use a 4 inch (10cm)wide grip.
[4] Modified to use a 4 inch (10cm)wide grip. The maximum peak strength of five specimens averaged.
[5] De-Aired, de-ionized tap water @ 34.5 kPa maximum effective confining stress and 13.8kPa head pressure. Permeameter test parameters of ASTM D 5887.
[6] Typical peak value for specimen hydrated for 24 hr. and sheared under drained conditions at a 9.6 kPa normal load. Site-specific testing for the intended design is recommended to verify suitability of internal and interface shear strength properties.

The information contained herein has been compiled by Serrot International, Inc. and is, to the best of our knowledge, true and accurate. This information is offered without warranty. Final determination of suitability for use contemplated is the sole responsibility of the user. This information is subject to change without notice. GCL NWL 8/01/00

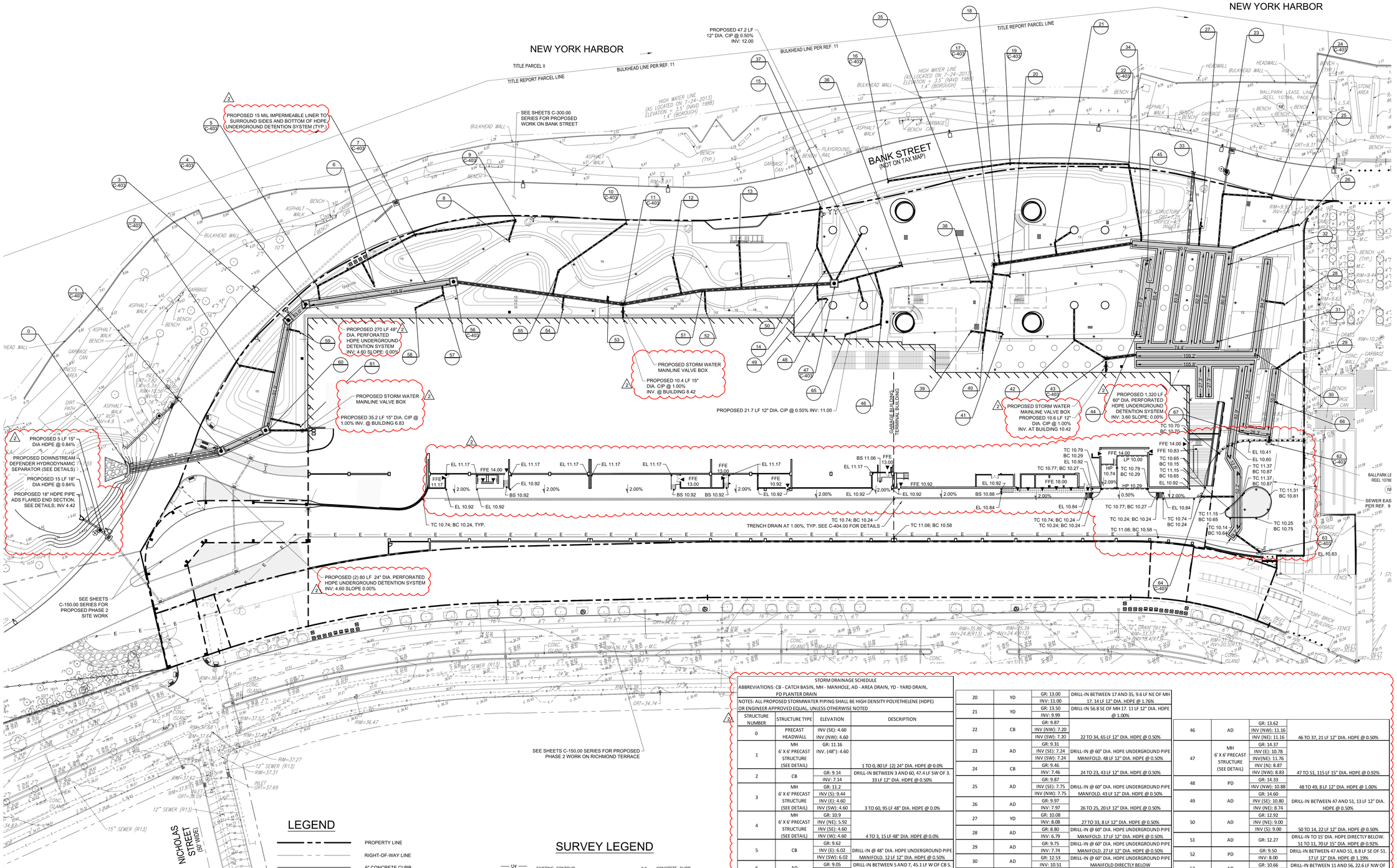
Bentofix is a registered trademark of Naue Fasertechnik, GmbH.

SERROT INTERNATIONAL, INC.

Corporate Headquarters: 125 Cassia Way

SAMLEEN, LLC

32 CRESCENT RIDGE ROAD • BOONTON, NJ 07005
TEL: (973) 664-9877 • FAX: (973) 664-9377



NOTES

1. FOR ALL YARD DRAIN, PLANTER DRAIN, AND AREA DRAIN DETAILS SEE LANDSCAPE ARCHITECTURE PLANS PREPARED BY MPFP.
2. ALL PIPE ASSOCIATED WITH THE STORMWATER DRAINAGE SYSTEM TO BE WATERTIGHT HDPE PIPE UNLESS OTHERWISE SPECIFIED.
3. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND MATERIAL SUBMITTALS TO ENGINEER FOR REVIEW.

GRADING AND DRAINAGE PLAN

SCALE: 1" = 30' (0, 7.5', 15', 30', 60')

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- 6" CONCRETE CURB
- DEP SEWER EASEMENT
- PROPOSED 12" DIA. HDPE PIPE
- PROPOSED 15" DIA. HDPE PIPE
- PROPOSED 24" DIA. HDPE PIPE
- PROPOSED 48" DIA. HDPE PIPE
- PROPOSED 60" DIA. HDPE PIPE
- PROPOSED AREA DRAIN
- PEDESTRIAN RAMP
- FFL 11.50 — FINAL FLOOR ELEVATION
- PTC 11.35 — PROPOSED TOP OF CURB ELEVATION
- PBC 10.35 — PROPOSED BOTTOM OF CURB ELEVATION
- HP HP HP — ELEVATION HIGH POINT
- 1.50% — SLOPE AND DIRECTION OF FLOW
- LIMITS OF PROPOSED BUILDING RAMP STRUCTURE OVERHANG

SURVEY LEGEND

- 124 / 125 — EXISTING CONTOUR
- × 123.45 — EXISTING SPOT ELEVATION
- × TC 123.45 — EXIST. TOP OF CURB ELEVATION
- × QT 122.95 — EXIST. QUITTER ELEVATION
- × TW 123.45 — EXIST. TOP OF WALL ELEVATION
- × BW 122.95 — EXIST. BOTTOM OF WALL ELEVATION
- HYDRANT
- WATER VALVE
- GAS VALVE
- GUY WIRE
- UTILITY POLE
- TRAFFIC SIGNAL
- SIGNAL POST
- LAMP
- STREET LIGHT
- DOUBLE STREET LIGHT
- UNCONFIRMED LOC. UNDERGROUND SEWER LINE PER REFERENCE #13 (SEE NOTE 10)
- UNCONFIRMED LOC. UNDERGROUND ELEC. LINE PER REFERENCE # 8
- UNCONFIRMED LOC. UNDERGROUND WATER LINE PER REFERENCE # 10
- UNCONFIRMED LOC. UNDERGROUND GAS LINE PER REFERENCE # 14
- AREA LIGHT
- MONITORING WELL
- CALL BOX
- SIGN
- BOLLARD
- C.C. — CONCRETE CURB
- S.F.C.C. — STEEL FACED CONCRETE CURB
- E.O.C. — EDGE OF CONCRETE
- E.O.P. — EDGE OF PAVEMENT
- C.L.F. — CHAIN LINK FENCE
- D.C. — DEPRESSED CURB
- M.C. — METAL COVER
- S.B. — STOP BAR
- S.B.L. — SOLID BLUE LINE
- S.W.L. — SOLID WHITE LINE
- D.Y.L. — DOUBLE YELLOW LINE
- S.Y.L. — SOLID YELLOW LINE
- D.W.L. — DASHED WHITE LINE
- C.L.F. — CHAIN LINK FENCE
- (TYP.) — TYPICAL
- CON—ED MANHOLE
- WATER MANHOLE
- FDNY MANHOLE
- DRAINAGE/STORM MANHOLE
- UNKNOWN MANHOLE
- SEWER MANHOLE
- TELEPHONE MANHOLE
- STORM INLET
- DECIDUOUS TREE
- 10 — PARKING SPACE COUNT
- (R) — TITLE REPORT EXCEPTION
- (R13) — PER REF. 13

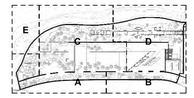
STORM DRAINAGE SCHEDULE

ABBREVIATIONS: CB - CATCH BASIN, MH - MANHOLE, AD - AREA DRAIN, YD - YARD DRAIN, PD PLANTER DRAIN

NOTES: ALL PROPOSED STORMWATER PIPING SHALL BE HIGH DENSITY POLYETHELENE (HDPE) OR ENGINEER APPROVED EQUAL, UNLESS OTHERWISE NOTED

STRUCTURE NUMBER	STRUCTURE TYPE	ELEVATION	DESCRIPTION
0	PRECAST HEADWALL	INV (SE): 4.60 INV (NW): 4.60	
1	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 11.16 INV. (48"): 4.60	1 TO 0, 80 LF (2) 24" DIA. HDPE @ 0.0%
2	CB	GR: 9.14 INV: 7.14	DRILL-IN BETWEEN 3 AND 60, 47.4 LF SW OF 3, 33 LF 12" DIA. HDPE @ 0.50%
3	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 11.2 INV (S): 9.44 INV (E): 4.60 INV (SW): 4.60	3 TO 60, 95 LF 48" DIA. HDPE @ 0.0%
4	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 10.9 INV (NE): 5.92 INV (SE): 4.60 INV (W): 4.60	4 TO 3, 15 LF 48" DIA. HDPE @ 0.0%
5	CB	GR: 9.62 INV (E): 6.02 INV (SW): 6.02	DRILL-IN @ 48" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 12 LF 12" DIA. HDPE @ 0.50%
6	AD	GR: 9.05 INV: 7.04	DRILL-IN BETWEEN 5 AND 7, 45.1 LF W OF CB 5, 22 LF 12" DIA. HDPE @ 1.43%
7	CB	GR: 9.00 INV (SE): 7.00 INV(W): 7.00	7 TO 5, 99 LF 12" DIA. HDPE @ 1.54%
8	AD	GR: 10.24 INV: 8.21	8 TO 9, 19 LF 12" DIA. HDPE @ 0.50%
9	CB	GR: 10.00 INV (SW): 8.00 INV (NE): 8.00	9 TO 7, 91 LF 12" DIA. HDPE @ 1.10%
10	CB	GR: 10.95 INV: 8.94	10 TO 55, 74 LF 12" DIA. HDPE @ 1.00%
11	MH 5' DIA.	GR: 12.4 INV (SW): 8.32 INV (SE): 7.12 INV (NW): 7.12	11 TO 56, 148 LF 15" DIA. HDPE @ 1.00%
12	AD	GR: 11.65 INV: 9.65	DRILL-IN BETWEEN 51 AND 11, 33.1 LF SE OF MH 11, 34 LF 12" DIA. HDPE @ 4.00%
13	AD	GR: 11.79 INV: 9.27	DRILL-IN BETWEEN 49 AND 51, 25.7 LF SE OF AD 51, 42 LF 12" DIA. HDPE @ 2.60%
14	YD	GR: 14.00 INV (N):8.94 INV (S):8.94	14 TO 47, 11 LF 12" DIA. HDPE @ 0.69%
15	AD	GR: 11.17 INV: 9.17	15 TO 50, 35.0 LF 12" DIA. HDPE @ 0.50%
16	CB	GR: 10.29 INV: 8.29	16 TO 19, 111 LF 12" DIA. HDPE @ 0.50%
17	MH 5' DIA.	GR: 12.77 INV (SW): 10.45 INV (NE): 10.49 INV (SE): 10.45	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 126 LF 12" DIA. HDPE @ 1.00%
18	AD	GR: 12.53 INV: 10.45	DRILL-IN 3.75 SE OF 17, 8 LF 12" DIA. HDPE @ 0.50%
19	CB	GR: 10.00 INV (NW): 7.73 INV (SE): 7.73	19 TO 22, 106 LF 12" DIA. HDPE @ 0.50%
20	YD	GR: 13.00 INV: 11.00	DRILL-IN BETWEEN 17 AND 35, 9.6 LF NE OF MH 17. 14 LF 12" DIA. HDPE @ 1.76%
21	YD	GR: 13.50 INV: 9.99	DRILL-IN 56.8 SE OF MH 17. 11 LF 12" DIA. HDPE @ 1.00%
22	CB	GR: 9.87 INV (NW): 7.20 INV (SW): 7.20	22 TO 34, 65 LF 12" DIA. HDPE @ 0.50%
23	AD	GR: 9.31 INV (SE): 7.24 INV (SW): 7.24	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 48 LF 12" DIA. HDPE @ 0.50%
24	CB	GR: 9.46 INV: 7.46	24 TO 23, 43 LF 12" DIA. HDPE @ 0.50%
25	AD	GR: 9.87 INV (SE): 7.75 INV (NW): 7.75	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANFOLD. 43 LF 12" DIA. HDPE @ 0.50%
26	AD	GR: 9.97 INV: 7.97	26 TO 25, 20 LF 12" DIA. HDPE @ 0.50%
27	YD	GR: 10.08 INV: 8.08	27 TO 33, 8 LF 12" DIA. HDPE @ 0.50%
28	AD	GR: 8.80 INV: 6.79	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 17 LF 12" DIA. HDPE @ 0.50%
29	AD	GR: 9.75 INV: 7.74	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 27 LF 12" DIA. HDPE @ 0.50%
30	AD	GR: 12.53 INV: 10.51	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW
31	AD	GR: 12.44	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW
32	AD	GR: 10.86 INV: 8.85	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW
33	AD	GR: 10.10 INV: 8.04	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 13 LF 12" DIA. HDPE @ 0.50%
34	AD	GR: 11.45 INV (NE): 6.87 INV (SW): 6.87	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 5 LF 12" DIA. HDPE @ 0.50%
35	AD	GR: 12.90 INV: 10.73	35 TO 17, 19 LF 12" DIA. HDPE @ 1.48%
36	AD	GR: 13.11 INV: 11.10	36 TO 47, 63 LF 12" DIA. HDPE @ 0.50%
37	AD	GR: 13.34 INV (SW): 11.05 INV (NE): 11.05	DRILL-IN BETWEEN 36 AND 47, 31.6 LF W OF 36. 25 LF 12" DIA. HDPE @ 0.50%
38	YD	GR: 12.83 INV: 10.83	DRILL-IN BETWEEN 35 AND 17, 2.6 LF NE OF 35. 19 LF 12" DIA HDPE @ 0.50%
39	YD	GR: 13.33 INV: 11.33	DRILL-IN BETWEEN 40 AND 35, 13.2 LF NE OF 40. 12 LF 12" DIA. HDPE @ 0.75%
40	AD	GR: 13.42 INV: 11.42	40 TO 35, 58 LF 12" DIA. HDPE @ 1.20%
41	YD	GR: 13.50 INV: 11.50	DRILL-IN BETWEEN 40 AND 35, 17.2 LF NE OF 40. 15 LF 12" DIA. HDPE @ 1.90%
42	AD	GR: 12.88 INV: 10.88	42 TO 43, 35 LF 12" DIA. HDPE @ 0.50%
43	MH 5' DIA.	GR: 13.55 INV (NW): 10.31 INV (SW): 10.31 INV (SE): 9.44	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 25 LF 12" DIA. HDPE @ 1.00%
44	YD	GR: 13.08 INV: 11.08	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW
45	YD	GR: 11.50 INV: 9.37	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW
46	AD	GR: 13.62 INV (NW): 11.16 INV (NE): 11.16	46 TO 37, 21 LF 12" DIA. HDPE @ 0.50%
47	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 14.37 INV (E): 10.78 INV(NE): 11.76 INV (N): 8.87 INV (NW): 8.83	47 TO 51, 115 LF 15" DIA. HDPE @ 0.92%
48	PD	GR: 14.33 INV (NW): 10.88	48 TO 49, 8 LF 12" DIA. HDPE @ 1.00%
49	AD	GR: 14.60 INV (SE): 10.80 INV (NE): 8.74	DRILL-IN BETWEEN 47 AND 51, 13 LF 12" DIA. HDPE @ 0.50%
50	AD	GR: 12.92 INV (NE): 9.00 INV (S): 9.00	50 TO 14, 22 LF 12" DIA. HDPE @ 0.50%
51	AD	GR: 12.27	DRILL-IN TO 15' DIA. HDPE DIRECTLY BELOW. 51 TO 11, 70 LF 15" DIA. HDPE @ 0.92%
52	PD	GR: 9.50 INV: 8.00	DRILL-IN BETWEEN 47 AND 51, 8.8 LF SE OF 51. 17 LF 12" DIA. HDPE @ 1.19%
53	AD	GR: 10.66 INV: 7.00	DRILL-IN BETWEEN 11 AND 56, 22.6 LF NW OF 11. 5 LF 12" DIA. HDPE @ 2.00%
54	PD	GR: 9.50 INV: 7.10	DRILL-IN BETWEEN 11 AND 56, 50 LF NW OF 11. 10 LF 12" DIA. HDPE @ 5.00%
55	AD	GR: 10.56 INV (NE): 8.18 INV (W): 6.76	DRILL-IN BETWEEN 11 AND 56, 84 LF NW OF 11. 22 LF 12" DIA. HDPE @ 2.00%
56	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 9.95 INV (W): 7.70 INV (SE): 5.64 INV (NW): 4.60	56 TO 4, 135 LF 48" DIA. HDPE @ 0.00%
57	AD	GR: 9.77 INV (NW): 7.36 INV (SE): 7.36	DRILL-IN @ 48" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 8 LF 12" DIA. HDPE @ 0.50%
58	PD	GR: 9.50 INV: 7.50	58 TO 57, 28 LF 12" DIA. HDPE @ 0.50%
59	PD	GR: 9.50 INV: 9.20	DRILL-IN @ 48" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 10 LF 12" DIA. HDPE @ 0.50%
60	MH 6' X 6' PRECAST STRUCTURE (SEE DETAIL)	GR: 11.14 INV (SE): 6.48 INV (NE): 4.60 INV (W): 4.60	60 TO 1, 44 LF 48" DIA. HDPE @ 0.00%
61	PD	GR: 9.50 INV: 7.50	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 27 LF 12" DIA. HDPE @ 0.50%
62	CB	GR: 10.07 INV: 7.75	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 5 LF 12" DIA. HDPE @ 0.50%
63	CB	GR: 10.11 INV: 8.17	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 26 LF 12" DIA. HDPE @ 0.50%
64	CB	GR. 10.19 INV. 8.19	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 29 LF 12" DIA. HDPE @ 0.50%
65	AD	GR. 13.75 INV. 11.32	65 TO 46, 33 LF 12" DIA. HDPE @ 0.50%
66	AD	GR. 9.81 INV. 7.81	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD. 3 LF 12" DIA. HDPE @ 0.50%
67	AD	GR. 10.04 INV. 7.81	DRILL-IN @ 60" DIA. HDPE UNDERGROUND PIPE MANIFOLD DIRECTLY BELOW

NO.	DATE	REVISION
2	02/24/2016	BULLETIN #6
	07/31/2015	BULLETIN #4- 100% CD
	07/22/2015	BULLETIN #3 - WHEEL FOUNDATION
	07/08/2015	DOB ALT.2 - PARK, GARAGE PHASE 2
	07/01/2015	BULLETIN #2 - BOLLARDS
	05/18/2015	DOC ISSUE 8 - FOUND. BULLETIN #1
	04/30/2015	DOB ALT.2 - PARK, GARAGE PHASE 2
3	04/30/2015	DOB ALT.1 - PARK, GARAGE PHASE 2
	04/21/2015	90% CONSTRUCTION DOCUMENTS
	03/03/2015	60% CD PROGRESS SET
	02/04/2015	WHEEL FOUND. BID ADDENDUM #1
	01/23/2015	ISSUED FOR DOB FOUND. PERMIT
	01/16/2015	DOC ISSUE 7 - WHEEL FOUND. BID
	12/12/2014	PROGRESS SET
	12/12/2014	DOC ISSUE 6 - FOUNDATION BID SET



KEY PLAN

Architect:
Perkins Eastman
115 FIFTH AVENUE
NEW YORK, NY 10003
T. 212.353.7200
F. 212.353.7676

Owner:
NEW YORK WHEEL LLC
21 PENN PLAZA, 360 W 31ST STREET, STE 1003
NEW YORK, NY 10001

Construction Manager:
GOTHAM CONSTRUCTION
1010 AVENUE OF THE AMERICAS
NEW YORK, NY 10018

Site/ Civil:
AKRF
440 PARK AVENUE SOUTH, 7TH FLOOR
NEW YORK, NY 10016

Structural:
WSP USA
228 EAST 45TH STREET
NEW YORK, NY 10017

Mechanical, Electrical, Plumbing, Fire Protection:
COSENTINI
TWO PENNSYLVANIA PLAZA, 3RD FLOOR
NEW YORK, NY 10121

Landscape:
M. PAUL FRIEDBERG & PARTNERS
120 BROADWAY
NEW YORK, NY 10271

Geotechnical:
LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C
619 RIVER DRIVE CENTER 1
ELMWOOD PARK, NJ 07407-1338

Parking:
WALKER PARKING CONSULTANTS
50 WEST 23RD STREET, SUITE 704
NEW YORK, NY 10010

Security:
DVS SECURITY
1020 SHERMAN AVENUE
HAMDEN, CT 06514

Wheel Designer:
STARNETH
HENGELOSESTRAAT 201, 7521 AC
ENSCHEDE, THE NETHERLANDS

PROJECT TITLE:

New York Wheel

155 Richmond Terrace
Staten Island, NY 10301

PROJECT No: 51030.07

DOB No: 520137815

DRAWING TITLE:

GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN PAGE: 35 OF 101

C-202.02

DOB BSCAN STICKER

SEAL

Downstream Defender®

Advanced vortex separation maximizes sediment removal while controlling costs.

Product Profile

The Downstream Defender® is an advanced vortex separator used to treat stormwater runoff in pretreatment or stand-alone applications. Its unique flow-modifying internal components distinguish the Downstream Defender® from conventional and simple swirl separators that typically bypass untreated peak flows to prevent washout of captured pollutants. Its wide treatment flow range, low headloss, small footprint and low-profile make it a compact and economical solution for capturing nonpoint source pollution.

Components

1. Inlet to Precast Vortex Chamber
2. Cylindrical Baffle
3. Center Shaft
4. Outlet Pipe
5. Sediment Storage Sump
6. Access Lid

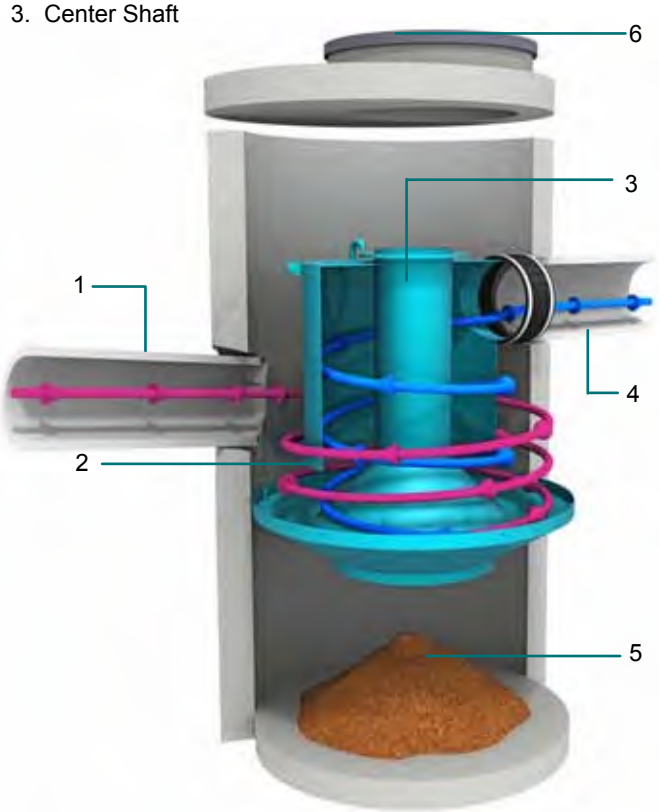


Fig.1 The Downstream Defender® has internal components designed to maximize pollutant capture and minimize pollutant washout.

Applications

- Removal of total suspended solids (TSS), floatable trash and petroleum products from stormwater runoff
- New construction or redevelopment of commercial and residential sites
- Pollutant hotspots such as maintenance yards, parking lots, gas stations, streets, highways, airports and transportation hubs
- Site constrained LID or green infrastructure based developments
- LEED® development projects

Advantages

- Special internal components maximize pollutant capture and minimize footprint, headloss and washout
- Captures and retains a wide range of TSS particles
- High peak treatment flow rates
- Treats the entire storm with no washout or untreated bypass flows
- Low maintenance requirements - no dredging required, and no screens or media to block
- Variable inlet/outlet angles for ease of site layout

How it Works

Advanced hydrodynamic vortex separation is a complex hydraulic process that augments gravity separation with low-energy rotary forces. The flow modifying internal components used in the Downstream Defender® harness the energy from vortex flow and maximize the time for separation to occur while deflecting high scour velocities (Fig.1).

Polluted stormwater is introduced tangentially into the side of the precast vortex chamber to establish rotational flow. A cylindrical baffle with an inner center shaft creates an outer (magenta arrow) and inner (blue arrow) spiraling column of flow and ensures maximum residence time for pollutant travel between the inlet and outlet.

Oil, trash and other floating pollutants are captured and stored on the surface of the outer spiraling column. Low energy vortex motion directs sediment into the protected sump region. Only after following a long three-dimensional flow path is the treated stormwater discharged from the outlet pipe. Maintenance ports at ground level provide access for easy inspection and clean-out.

Downstream Defender®

Downstream Defender® Design

Drainage Profile

The Downstream Defender® is designed with a submerged tangential inlet to minimize turbulence within the device. Turbulence increases system headlosses and reduces performance by keeping pollutant particles in suspension.

The inlet elevation of the Downstream Defender® is located one inlet pipe diameter lower than the elevation of the outlet invert (Fig.2). This arrangement ensures that influent flows are introduced to the treatment chamber quiescently below the water surface elevation, minimizing turbulence.

The unique flow-modifying internal components also minimize hydraulic losses. There are no internal weirs or orifices; large clear openings ensure low headloss at peak flow rates with little risk of blockages that cause upstream flooding.

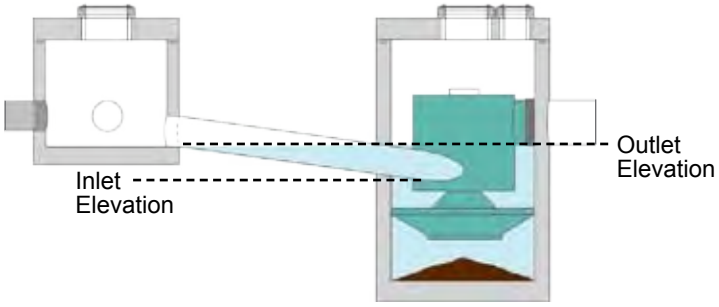


Fig.2 The Downstream Defender® has a submerged inlet that reduces headloss and improves efficiency of pollutant capture.

Sizing & Design

The Downstream Defender® can be used to meet a wide range of stormwater treatment objectives. It is available in 5 precast models that fit easily into the drainage network (Table 1). Selection and layout of the appropriate Downstream Defender® model depends on site hydraulics, site constraints and local regulations. Both online (Fig.3a) and offline (Fig.3b) configurations are common.

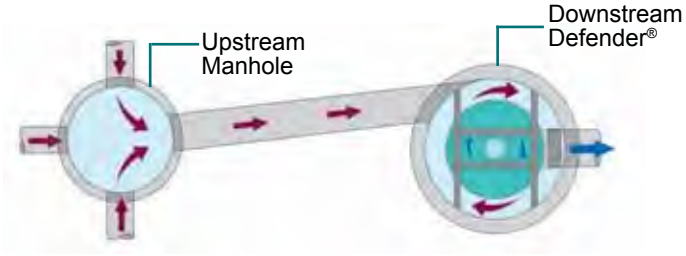


Fig.3a The Downstream Defender® in an online configuration.

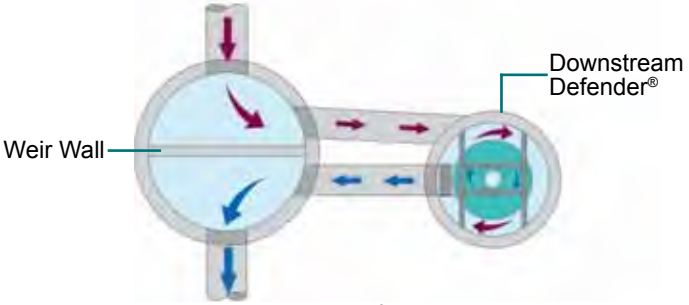


Fig.3b The Downstream Defender® in an offline configuration.

Free *Downstream Defender® Sizing Calculator* for Engineers

The *Downstream Defender® Sizing Calculator* is a simple online tool that recommends the best model size and online/offline arrangement based on site-specific data entered by the user.

Go to **www.hydro-int.com/us/products/downstream-defender** and click on the *Downstream Defender® Sizing Calculator* icon.

Table 1. Downstream Defender® Design Chart.

Model Number and Diameter		Peak Treatment Flow Rate		Maximum Pipe Diameter		Oil Storage Capacity		Sediment Storage Capacity		Minimum Distance from Outlet Invert to Top of Rim		Standard Height from Outlet Invert to Sump Floor	
(ft)	(m)	(cfs)	(L/s)	(in)	(mm)	(gal)	(L)	(yd^3)	(m^3)	(ft)	(m)	(ft)	(m)
4	1.2	3.0	85	12	300	70	265	0.70	0.53	2.8	0.85	4.1	1.25
6	1.8	8.0	227	18	450	216	818	2.10	1.61	3.2	0.98	5.9	1.80
8	2.4	15.0	425	24	600	540	2,044	4.65	3.56	4.2	1.28	7.7	2.35
10	3.0	25.0	708	30	750	1,050	3,975	8.70	6.65	5.0	1.52	9.4	2.85
12*	3.7	38.0	1,076	36	900	1,770	6,700	14.70	11.24	5.6	1.71	11.2	3.41

*Not available in all areas. Contact Hydro International for details.

Hydro International, 94 Hutchins Drive, Portland, ME 04102
Tel: (207) 756-6200 Fax: (207) 756-6212
Email: stormwaterinquiry@hydro-int.com Web: www.hydro-int.com

APPENDIX B
SSDS AND VAPOR BARRIER PLANS

GRACE

PREPRUFE® 200

Fast, simple, pre-applied waterproofing membrane and vapor barrier that bonds to poured concrete for use below slabs or behind basement walls on confined sites

Description

Preprufe® 200 Membrane is a composite sheet comprising a thick HDPE film, an aggressive pressure sensitive adhesive and a weather resistant protective coating.

Using patented Advanced Bond Technology, Preprufe 200 Membrane provides a continuous seal that resists water ingress and migration between the membrane and the structure.

The Preprufe 200 System includes—

- **Preprufe 200 Membrane**—robust membrane for horizontal use below concrete slabs or vertically against soil retention systems.
- **Preprufe CJ Tape LT**—self-adhesive 8 in. (200 mm) wide strip applied to the surface of the membrane along the line of all concrete joints (application temperature range 25°F to 86°F (-4°C to +30°C)).
- **Preprufe CJ Tape HC**—as above for use in hot climates (minimum 50°F (10°C)).
- **Bituthene® Liquid Membrane**—for sealing around penetrations, etc.

Preprufe 200 Membrane is applied either horizontally to smooth prepared concrete, well-rolled and compacted sand, or compacted crushed stone blinding; or vertically to permanent formwork or adjoining structures. Concrete is then cast directly against the adhesive side of the membranes. The specially developed Preprufe adhesive layers work together to form a continuous and integral seal to the poured concrete.

Advantages

- **Prevents water migration**—Preprufe's Advanced Bond Technology™ forms a unique integral seal to concrete poured against it
- **Fast and easy installation**—loose laid, mechanically fastened laps
- **Avoids delays**—unaffected by wet or cold conditions, can even be laid during rain
- **Excellent vapor barrier**—typical MVER 0.11 lb/1000 ft²/24 hr ASTM F1869-98
- **Inherently waterproof, non-reactive system**—
  - — Cannot activate prematurely or be washed away
  - — Not reliant on confining pressures or hydration
  - — Unaffected by freeze/thaw, wet/dry cycling
- **Chemical resistant**—effective in all types of soils and waters, protects structure from salt or sulphate attack
- **Self protecting**—ready for immediate placement of reinforcing steel and concrete without costly protective layers

Applications

Typical applications include garages, plant rooms, utility grade basements, tunnels; vapor barrier for ground bearing floor slabs with moisture sensitive finishes, e.g. schools, hospitals, wood flooring, etc.

For more critical waterproofing applications consider Preprufe 300R. See separate data sheet.

Limitations

Preprufe 200 Membrane is intended for low, medium or intermittent water pressures.

Preprufe 200 Membrane can be returned up the inside face of slab formwork but is not recommended for conventional twin-sided formwork on walls, etc. Use Bituthene self-adhesive membrane or Procor® fluid applied membrane to walls after removal of formwork for a fully-bonded system to all structural surfaces.

Use

Preprufe 200 Membrane is supplied in rolls 4 ft (1.2 m) wide, interwound with a disposable plastic release liner which must be removed before placing reinforcement and concrete.

Substrate Preparation

All surfaces—It is essential to create a sound and solid substrate to eliminate movement during the concrete pour. Substrates must be regular and smooth, with no gaps or voids greater than 0.5 in. (12 mm). Grout around all penetrations such as utility conduits, etc. for stability.

Horizontal—The substrate must be free of loose aggregate and sharp protrusions. An angular profiled blinding is recommended rather than a sloping or rounded substrate. The surface does not need to be dry but standing water must be removed.

Vertical—Use concrete, plywood, insulation or other approved facing to sheet piling to provide support to the membrane. Board systems such as timber lagging must be close butted to provide support and not more than 0.5 in. (12 mm) out of alignment.

Membrane Installation

Preprufe 200 Membrane can be applied at temperatures of 25°F (-4°C) or above. Membrane installation is unaffected by wet weather.

Horizontal substrates—Place the membrane HDPE film side to the substrate with printed coated side up facing towards the concrete pour. End laps should be staggered to avoid a build up of layers.

Accurately position succeeding sheets to overlap the previous sheet 3 in. (75 mm) along the marked lap line. Completely remove the plastic liner to expose the protective coating. Any initial tack will quickly disappear.

Lap fastening—To prevent the membrane from moving and gaps opening, the laps should be fastened together at maximum 39 in. (1.0 m) on-center. Fix through the center of the lap area using 0.5 in. (12 mm) long washer-head self-tapping screws, or similar, allowing the head of the screw to bed into the adhesive compound to self seal. It is not necessary to fix the membrane to the substrate, only to itself. Ensure the membrane lays flat and no openings occur. Additional fastening may be required at corners, details etc.

Galvanized fasteners are suitable for most applications. Stainless steel or other non-corrosive fasteners are recommend for aggressive soil conditions containing chloride or sulphate.

Alternatively, 3 in. (75 mm) strips of Preprufe Tape may be used 39 in. (1.0 m) on center to prevent gaps or movement. Or, Preprufe Tape may be used to seal the entire length of the overlap. Apply tape centrally over lap and roll firmly. Remove plastic liner.

Vertical substrates—Mechanically fasten the membrane vertically using fasteners appropriate to the substrate with the printed coated side facing towards the concrete pour. The membrane may be installed in any convenient length. Secure the top of the membrane using a batten such as a termination bar or similar 2 in. (50 mm) below the top edge. Fastening should be made through the overlap area at 20 in. (0.5 m) maximum on-center so that the membrane lays flat without fishmouths. Immediately remove the plastic release liner.

Roll ends and cut edges—Overlap all roll ends and cut edges by a minimum 3 in. (75 mm) and fasten as above.

Penetrations

Use the following steps to seal around penetrations such as service pipes, piles, lightning conductors, etc.

Grout around the penetration if the penetration is not stable. Fit the membrane tight to the penetration. If the membrane is not within 0.5 in. (12 mm) of the penetration, apply Preprufe Tape to cover the gap.

Wrap the penetration with Preprufe Tape by positioning the tape 0.5 in. (12 mm) above the membrane.

Apply Bituthene Liquid Membrane around the penetrations using a fillet to provide a watertight seal between the Preprufe membrane and Preprufe Tape.

Membrane Repair

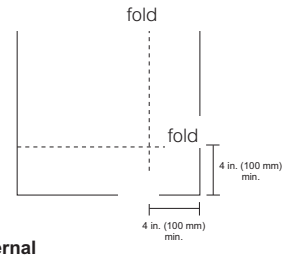
Inspect the membrane before installation of reinforcement steel, formwork and final placement of concrete. The membrane can be easily cleaned by power washing with water if necessary.

Repair damage by placing a patch of Preprufe 200 Membrane over the damaged area ensuring a minimum 3 in. (75 mm) overlap. Secure the patch using screw fasteners as above.

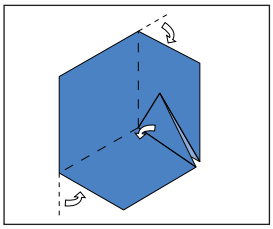
Any areas of damaged adhesive should be covered with Preprufe Tape. Remove printed plastic liner from tape.

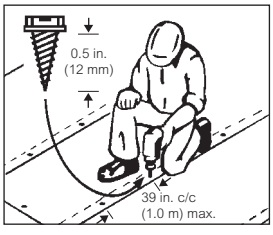
Corners

Internal and external corners should be formed as shown in the diagrams returning the membrane a minimum of 4 in. (100 mm). Crease and fold the membrane to ensure a close fit to the substrate profile and avoid gaps. Fasten using screw fasteners.

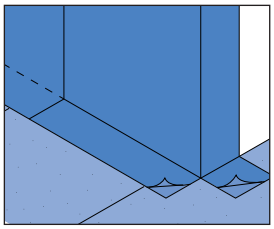


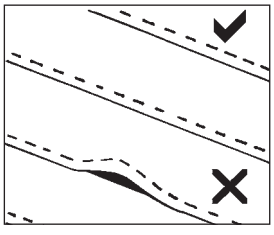
Internal



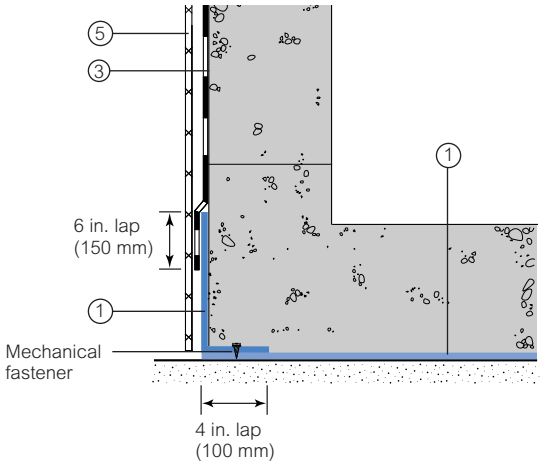


External

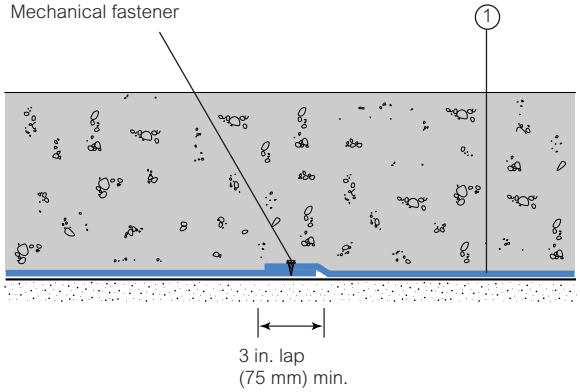




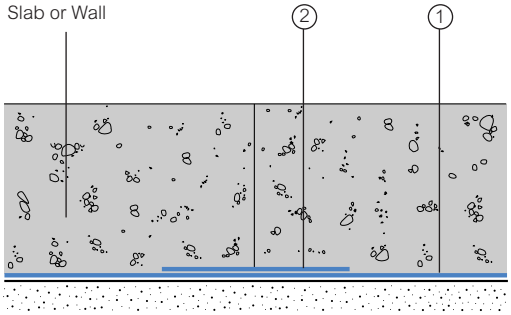
Wall base detail



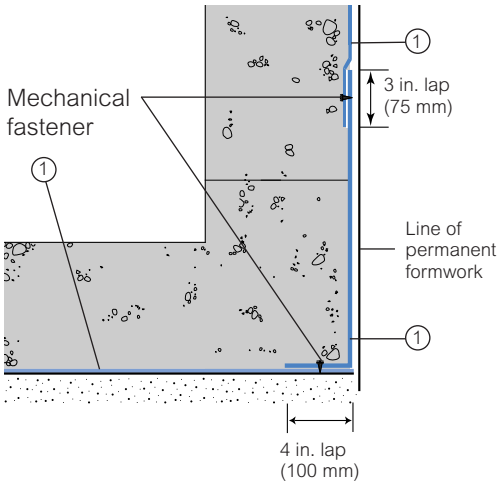
Side/end lap detail



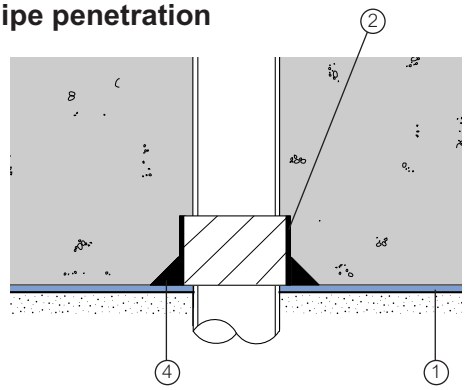
Concrete joint



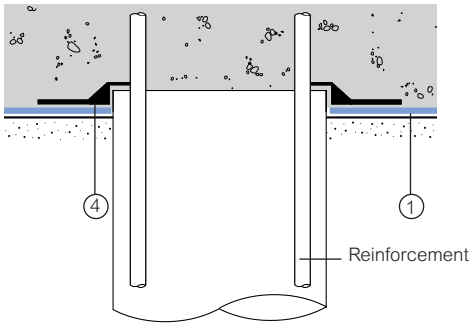
Wall base detail against permanent shutter



Pipe penetration



Pile detail



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1 Preprufe 200 Membrane
2 Preprufe CJ Tape
3 Procor® (use Preprufe Tape to tie-in) or Bituthene® 4000
4 Bituthene Liquid Membrane
5 Hydroduct®

Details shown are typical illustrations and not working details. For assistance with detailing and problem solving please contact Grace Technical Department at 866-333-3SBM (3726).

Supply

Dimensions (Nominal)	Preprufe 200 Membrane	Preprufe CJ Tape (LT or HC*)	Preprufe Tape (LT or HC*)
Thickness	0.032 in. (0.8 mm)		
Roll size	4 ft x 115 ft (1.2 m x 35 m)	8 in. x 49 ft (200 mm x 15 m)	4 in. x 49 ft (100 mm x 15 m)
Roll area	460 ft^2 (42 m^2)		
Roll weight	92 lbs (42 kg)	8.6 lbs (4 kg)	4.3 lbs (2 kg)
Minimum side/end laps	3 in. (75 mm)	3 in. (75 mm)	3 in. (75 mm)
* LT denotes Low Temperature (between 25°F and 86°F), HC denotes Hot Climate (>50°F)			
Ancillary Products			
Bituthene Liquid Membrane (LM) 1.5 gal (5.7 liter)			
Screw Fasteners (by others) Self Tapping Washer Head Screws 0.5 in. (12 mm) long, galvanized or stainless steel as appropriate			

Physical Properties

Property	Typical Value	Test Method
Color	White	
Film thickness (nominal)	0.020 in. (0.5 mm)	ASTM D3767—method A
Low temperature flexibility	Unaffected at -10°F (-23°C)	ASTM D1970
Elongation	300% min.	ASTM D412 modified[1]
Crack cycling at -10°F (-23°C)	Pass	ASTM C836
Tensile strength, film	4000 psi (27.6 MPa) min.	ASTM D412
Peel adhesion to concrete	5.0 lbs/in. (880 N/m) min.	ASTM D903 modified[2]
Resistance to hydrostatic head	30 ft (10 m)	ASTM D5385 modified[3]
Puncture resistance	135 lbs (600 N) min.	ASTM E154
Permeance	0,01 perms (0.6 ng/m^2Pa)	ASTM E96—method B
Water absorption	0.5% maximum	ASTM D570
Moisture vapor emission rate	0.11 lb/1000 ft^2/24 hr	ASTM F1869-98 modified

Footnotes:
1. Elongation of membrane is run at 2 in. (50 mm) per minute.
2. Concrete is cast against the protective coating surface of the membrane and allowed to properly cure (7 days min.). Peel adhesion of membrane to concrete is measured at a rate of 2 in. (50 mm) per minute at room temperature.
3. Hydrostatic tests are performed by casting concrete against the membrane with a lap across a 0.040 in. (1 mm) formed crack.

Pouring of Concrete

Ensure the plastic release liner is removed from all areas of Preprufe 200 Membrane and Tape.

It is recommended that concrete be poured within 56 days (42 days in hot climates) of application of the membrane. Concrete must be placed and compacted carefully to avoid damage to the membrane. Never use a sharp object to consolidate the concrete.

Removal of Formwork

Preprufe 200 Membrane can be applied to removable formwork, such as slab perimeters, elevator and lift pits, etc. Once the concrete is poured the formwork must remain in place until the concrete has gained sufficient compressive strength to develop the surface bond. Preprufe 200 Membrane is not recommended for conventional twin-sided wall forming systems.

A minimum concrete compressive strength of 1500 psi (10 N/mm^2) is recommended prior to stripping formwork supporting Preprufe 200 Membrane. Premature stripping may result in displacement of the membrane and/or spalling of the concrete.

As a guide, to reach the minimum compressive strength stated above, a structural concrete mix with an ultimate strength of 6000 psi (40 N/mm^2) will typically require a cure time of approximately 6 days at an average ambient temperature of 25°F (-4°C), or 2 days at 70°F (21°C).

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For technical assistance call toll free at 866-333-3SBM (3726)

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PF-155E Printed in U.S.A. 7/07 FA/LI/1M

GRACE

BITUTHENE® SYSTEM 4000

Self-adhesive HDPE waterproofing membrane with super tacky compound for use with patented, water-based Bituthene® System 4000 Surface Conditioner

Description

Bituthene® System 4000 Waterproofing Membrane is a 1.5 mm (1/16 in.) flexible, pre-formed membrane which combines a high performance, cross laminated, HDPE carrier film with a unique, super tacky, self-adhesive rubberized asphalt compound.

Bituthene® System 4000 Surface Conditioner is a water-based, latex surface treatment which imparts an aggressive, high tack finish to the treated substrate. It is specifically formulated to bind site dust and concrete efflorescence, thereby providing a suitable surface for the Bituthene® System 4000 Waterproofing Membrane.

Conveniently packaged in each roll of membrane, Bituthene® System 4000 Surface Conditioner promotes good initial adhesion and, more importantly, excellent permanent adhesion of the Bituthene® System 4000 Waterproofing Membrane. The VOC (Volatile Organic Compound) content of this product is 100 g/L.

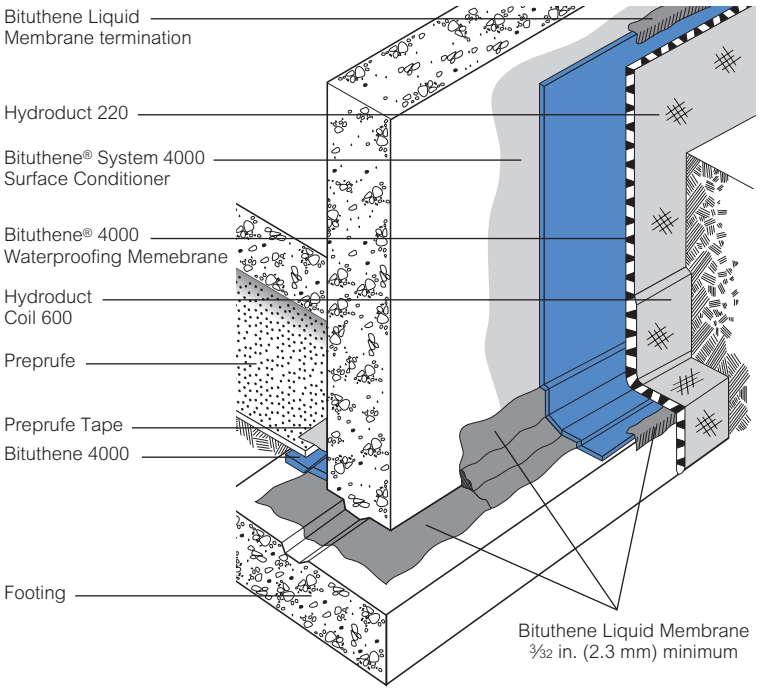
Architectural and Industrial Maintenance Regulations limit the VOC content in products classified as Architectural Coatings. Refer to Technical Letters at graceconstruction.com for most current list of allowable limits.

Advantages

- **Excellent adhesion**—special adhesive compound engineered to work with high tack System 4000 Surface Conditioner
- **Cold applied**—simple application to substrates, especially at low temperatures
- **Reduced inventory and handling costs**—System 4000 Surface Conditioner is included with each roll of membrane
- **Wide application temperature range**—excellent bond to self and substrate from 25°F (-4°C) and above

Product Advantages

- Excellent adhesion
- Cold applied
- Reduced inventory and handling costs
- Wide application temperature range
- Overlap security
- Cross laminated, high density polyethylene carrier film
- Flexible
- Ripcord®



Drawings are for illustration purposes only.
Please refer to graceconstruction.com for specific application details.

- **Overlap security**—minimizes margin for error under site conditions
- **Cross laminated, high density polyethylene carrier film**—provides high tear strength, puncture and impact resistance
- **Flexible**—accommodates minor structural movements and will bridge shrinkage cracks
- **Ripcord®**—this split release on demand feature allows the splitting of the release paper into two (2) pieces for ease of installation in detailed areas

Use

Bituthene® membrane is ideal for waterproofing concrete, masonry and wood surfaces where in-service temperatures will not exceed 135°F (57°C). It can be applied to foundation walls, tunnels, earth sheltered structures and split slab construction, both above and below grade. (For above grade applications, see *Above Grade Waterproofing Bituthene® System 4000*.)

Bituthene® waterproofing membrane is 1/16 in. (1.5 mm) thick, 3 ft (0.9 m) wide and 66.7 ft (20 m) long and is supplied in rolls. It is unrolled sticky side down onto concrete slabs or applied onto vertical concrete faces primed with Bituthene® System 4000 Surface Conditioner. Continuity is achieved by overlapping a minimum 2 in. (50 mm) and firmly rolling the joint.

Bituthene® membrane is extremely flexible. It is capable of bridging shrinkage cracks in the concrete and will accommodate minor differential movement throughout the service life of the structure.

Application Procedures

Safety, Storage and Handling Information

Bituthene® products must be handled properly. Vapors from solvent-based primers and mastic are harmful and flammable.

For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. Material Safety Data Sheets (MSDS) are available at graceconstruction.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the MSDS before use.

Surface Preparation

Surfaces should be structurally sound and free of voids, spalled areas, loose aggregate and sharp protrusions. Remove contaminants such as grease, oil and wax from exposed surfaces. Remove dust, dirt, loose stone and debris. Concrete must be properly dried (minimum 7 days for normal structural concrete and 14 days for lightweight structural concrete).

If time is critical, Bituthene® Primer B2 or Bituthene® Primer B2 LVC may be used to allow priming and installation of membrane on damp surfaces or green concrete. Priming may begin in this case as soon as the concrete will maintain structural integrity. Use form release agents which will not transfer to the concrete. Remove forms as soon as possible from below horizontal slabs to prevent entrapment of excess moisture. Excess moisture may lead to blistering of the membrane. Cure concrete with clear, resin-based curing compounds which do not contain oil, wax or pigment. Except with Bituthene® Primer B2 or Bituthene® Primer B2 LVC, allow concrete to thoroughly dry following rain. Do not apply any products to frozen concrete.

Repair defects such as spalled or poorly consolidated areas. Remove sharp protrusions and form match lines. On masonry surfaces, apply a parge coat to rough concrete block and brick walls or trowel cut mortar joints flush to the face of the concrete blocks.

Temperature

- Apply Bituthene® System 4000 Membrane and Conditioner only in dry weather and when air and surface temperatures are 25°F (-4°C) or above.
- Apply Bituthene® Primer B2 or Bituthene® Primer B2 LVC in dry weather above 25°F (-4°C). (See separate product information sheet.)

Conditioning

Bituthene® System 4000 Surface Conditioner is ready to use and can be applied by spray or roller. For best results, use a pump-type air sprayer with fan tip nozzle, like the Bituthene® System 4000 Surface Conditioner Sprayer, to apply the surface conditioner.

Apply Bituthene® System 4000 Surface Conditioner to clean, dry, frost-free surfaces at a coverage rate of 300 ft^2/gal (7.4 m^2/L). Coverage should be uniform. Surface conditioner should not be applied so heavily that it puddles or runs. **Do not apply conditioner to Bituthene® membrane.**

Allow Bituthene® System 4000 Surface Conditioner to dry one hour or until substrate returns to its original color. At low temperatures or in high humidity conditions, dry time may be longer.

Bituthene® System 4000 Surface Conditioner is clear when dry and may be slightly tacky. In general, conditioning should be limited to what can be covered within 24 hours. In situations where long dry times may prevail, substrates may be conditioned in advance. Substrates should be reconditioned if significant dirt or dust accumulates.

Before surface conditioner dries, tools should be cleaned with water. After surface conditioner dries, tools should be cleaned with mineral spirits. Mineral spirits is a combustible liquid which should be used only in accordance with manufacturer's recommendations. **Do not use solvents to clean hands or skin.**

Corner Details

The treatment of corners varies depending on the location of the corner. For detailed information on Bituthene® Liquid Membrane, see separate product information sheet.

- At wall to footing inside corners—
  Option 1: Apply membrane to within 1 in. (25 mm) of base of wall. Treat the inside corner by installing a ¾ in. (20 mm) fillet of Bituthene® Liquid Membrane. Extend Bituthene® Liquid Membrane at least 2½ in. (65 mm) onto footing, and 2½ in. (65 mm) onto wall membrane.

  Option 2: Treat the inside corner by installing a ¾ in. (20 mm) fillet of Bituthene® Liquid Membrane. Apply 12 in. (300 mm) wide strip of sheet membrane centered over fillet. Apply wall membrane over inside corner and extend 6 in. (150 mm) onto footing. Apply 1 in. (25 mm) wide troweling of Bituthene® Liquid Membrane over all terminations and seams within 12 in. (300 mm) of corner.
- At footings where the elevation of the floor slab is 6 in. (150 mm) or more above the footing, treat the inside corner either by the above two methods or terminate the membrane at the base of the wall. Seal the termination with Bituthene® Liquid Membrane.

Joints

Properly seal all joints with waterstop, joint filler and sealant as required. Bituthene® membranes are not intended to function as the primary joint seal. Allow sealants to fully cure. Pre-strip all slab and wall cracks over 1/16 in. (1.5 mm) wide and all construction and control joints with 9 in. (230 mm) wide sheet membrane strip.

Application on Horizontal Surfaces

(Note: Preprufe® pre-applied membranes are strongly recommended for below slab or for any application where the membrane is applied before concreting. See Preprufe® waterproofing membrane product information sheets.)

Apply membrane from the low point to the high point so that laps shed water. Overlap all seams at least 2 in. (50 mm). Stagger all end laps. Roll the entire membrane firmly and completely as soon as possible. Use a linoleum roller or standard water-filled garden roller less than 30 in. (760 mm) wide, weighing a minimum of 75 lbs (34 kg) when filled. Cover the face of the roller with a resilient material such as a ½ in. (13 mm) plastic foam or two wraps of indoor-outdoor carpet to allow the membrane to fully contact the primed substrate. Seal all T-joints and membrane terminations with Bituthene® Liquid Membrane at the end of the day.

Protrusions and Drains

Apply membrane to within 1 in. (25 mm) of the base of the protrusion. Apply Bituthene® Liquid Membrane 0.1 in. (2.5 mm) thick around protrusion. Bituthene® Liquid Membrane should extend over the membrane a minimum of 2½ in. (65 mm) and up the penetration to just below the finished height of the wearing course.

Vertical Surfaces

Apply membrane in lengths up to 8 ft (2.5 m). Overlap all seams at least 2 in. (50 mm). On higher walls apply membrane in two or more sections with the upper overlapping the lower by at least 2 in. (50 mm). Roll all membrane with a hand roller.

Terminate the membrane at grade level. Press the membrane firmly to the wall with the butt end of a hardwood tool such as a hammer handle or secure into a reglet. Failure to use heavy pressure at terminations can result in a poor seal. A termination bar may be used to ensure a tight seal. Terminate the membrane at the base of the wall if the bottom of the interior floor slab is at least 6 in. (150 mm) above the footing. Otherwise, use appropriate inside corner detail where the wall and footing meet.

Membrane Repairs

Patch tears and inadequately lapped seams with membrane. Clean membrane with a damp cloth and dry. Slit fishmouths and repair with a patch extending 6 in. (150 mm) in all directions from the slit and seal edges of the patch with Bituthene® Liquid Membrane. Inspect the membrane thoroughly before covering and make any repairs.

Drainage

Hydroduct® drainage composites are recommended for both active drainage and protection of the membrane. See Hydroduct® product information sheets.

Protection of Membrane

Protect Bituthene® membranes to avoid damage from other trades, construction materials or backfill. Place protection immediately in temperatures above 77°F (25°C) to avoid potential for blisters.

- On vertical applications, use Hydroduct® 220 Drainage Composite. Adhere Hydroduct® 220 Drainage Composite to membrane with Preprufe® Detail Tape. Alternative methods of protection are to use 1 in. (25 mm) expanded polystyrene or ¼ in. (6 mm) extruded

polystyrene that has a minimum compressive strength of 8 lbs/in.^{2} (55 kN/m^2). Such alternatives do not provide positive drainage to the system. If ¼ in. (6 mm) extruded polystyrene protection board is used, backfill should not contain sharp rock or aggregate over 2 in. (50 mm) in diameter. Adhere polystyrene protection board with Preprufe® Detail Tape.

- In mud slab waterproofing, or other applications where positive drainage is not desired and where reinforced concrete slabs are placed over the membrane, the use of ¼ in. (6 mm) hardboard or 2 layers of ⅛ in. (3 mm) hardboard is recommended.

Insulation

Always apply Bituthene® membrane directly to primed or conditioned structural substrates. Insulation, if used, must be applied over the membrane. Do not apply Bituthene® membranes over lightweight insulating concrete.

Backfill

Place backfill as soon as possible. Use care during backfill operation to avoid damage to the waterproofing system. Follow generally accepted practices for backfilling and compaction. Backfill should be added and compacted in 6 in. (150 mm) to 12 in. (300 mm) lifts.

For areas which cannot be fully compacted, a termination bar is recommended across the top termination of the membrane.

Placing Steel

When placing steel over properly protected membrane, use concrete bar supports (dobies) or chairs with plastic tips or rolled feet to prevent damage from sharp edges. Use special care when using wire mesh, especially if the mesh is curled.

Approvals

- City of Los Angeles Research Report RR 24386
- Miami-Dade County Code Report NOA 04-0114.03
- U.S. Department of Housing and Urban Development (HUD) HUD Materials Release 628E

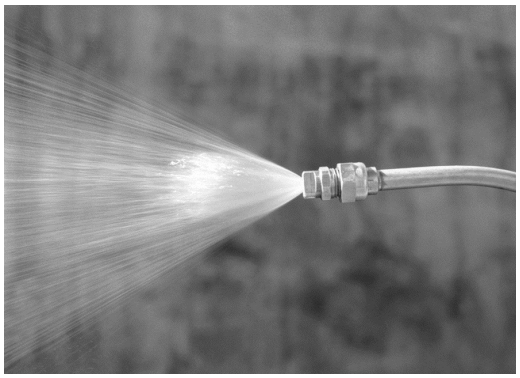
Bituthene System 4000 Surface Conditioner Sprayer

The Bituthene® System 4000 Surface Conditioner Sprayer is a professional grade, polyethylene, pump-type, compressed air sprayer with a brass fan tip nozzle. It has a 2 gal (7.6 L) capacity. The nozzle orifice and spray pattern have been specifically engineered for the optimum application of Bituthene® System 4000 Surface Conditioner.

Hold nozzle 18 in. (450 mm) from substrate and squeeze handle to spray. Spray in a sweeping motion until substrate is uniformly covered.

Sprayer should be repressurized by pumping as needed. For best results, sprayer should be maintained at high pressure during spraying.

To release pressure, invert the sprayer and spray until all compressed air is released.



Maintenance

The Bituthene® System 4000 Surface Conditioner Sprayer should perform without trouble for an extended period if maintained properly.

Sprayer should not be used to store Bituthene® System 4000 Surface Conditioner. The sprayer should be flushed with clean water immediately after spraying. For breaks in the spray operation of one hour or less, invert the sprayer and squeeze the spray handle until only air comes from the nozzle. This will avoid clogging.

Should the sprayer need repairs or parts, call the maintenance telephone number on the sprayer tank (800-323-0620).

- Bituthene® 4000 Membranes carry a Underwriters' Laboratory Class A Fire Rating (Building Materials Directory, File #R7910) when used in either of the following constructions:
  - —Limited to noncombustible decks at inclines not exceeding ¼ in. (6 mm) to the horizontal 1 ft (0.3 m). One layer of Bituthene® waterproofing membrane, followed by one layer of ⅛ in. (3 mm) protection board, encased in 2 in. (50 mm) minimum concrete monolithic pour.
  - —Limited to noncombustible decks at inclines not exceeding ¼ in. (6 mm) to the horizontal 1 ft (0.3 m). One layer of Bituthene® waterproofing membrane, followed by one layer of DOW Styrofoam PD Insulation Board [2 in. (50 mm) thick]. This is covered with one layer of 2 ft x 2 ft x 2 in. (0.6 m x 0.6 m x 50 mm) of concrete paver topping.

Warranty

Five year material warranties covering Bituthene® and Hydroduct® products are available upon request. Contact your Grace sales representative for details.

Technical Services

Support is provided by full time, technically trained Grace representatives and technical service personnel, backed by a central research and development staff.

Supply

Bituthene® System 4000	3 ft x 66.7 ft roll (200 ft²) [0.9 m x 20 m (18.6 m²)]
Roll weight	83 lbs (38 kg) gross
Palletization	25 rolls per pallet
Storage	Store upright in dry conditions below 95°F (+35°C).
System 4000 Surface Conditioner	1 x 0.625 gal (2.3 L) bottle in each roll of System 4000 Membrane
Ancillary Products	
Surface Conditioner Sprayer	2 gal (7.6 L) capacity professional grade sprayer with specially engineered nozzle
Bituthene® Liquid Membrane	1.5 gal (5.7 L) pail/125 pails per pallet or 4 gal (15.1 L) pail/48 pails per pallet
Preprufe® Detail Tape	2 in. x 50 ft (50 mm x 15 m) roll/16 rolls per carton
Bituthene® Mastic	Twelve 30 oz (0.9 L) tubes/carton or 5 gal (18.9 L) pail/36 pails per pallet
Complementary Material	
Hydroduct®	See separate data sheets

Equipment by others: Soft broom, utility knife, brush or roller for priming

Physical Properties for Bituthene® System 4000 Waterproofing Membrane

Property	Typical Value	Test Method
Color	Dark gray-black	
Thickness	1/16 in. (1.5 mm) nominal	ASTM D3767—method A
Flexibility, 180° bend over 1 in. (25 mm) mandrel at -25°F (-32°C)	Unaffected	ASTM D1970
Tensile strength, membrane, die C	325 lbs/in.² (2240 kPa) minimum	ASTM D412 modified[1]
Tensile strength, film	5,000 lbs/in.² (34.5 MPa) minimum	ASTM D882 modified[1]
Elongation, ultimate failure of rubberized asphalt	300% minimum	ASTM D412 modified[1]
Crack cycling at -25°F (-32°C), 100 cycles	Unaffected	ASTM C836
Lap adhesion at minimum application temperature	5 lbs/in. (880 N/m)	ASTM D1876 modified[2]
Peel strength	9 lbs/in. (1576 N/m)	ASTM D903 modified[3]
Puncture resistance, membrane	50 lbs (222 N) minimum	ASTM E154
Resistance to hydrostatic head	231 ft (71 m) of water	ASTM D5385
Permeance	0.05 perms (2.9 ng/m²sPa) maximum	ASTM E96, section 12—water method
Water absorption	0.1% maximum	ASTM D570

Footnotes:
1. The test is run at a rate of 2 in. (50 mm) per minute.
2. The test is conducted 15 minutes after the lap is formed and run at a rate of 2 in. (50 mm) per minute at 40°F (5°C).
3. The 180° peel strength is run at a rate of 12 in. (300 mm) per minute.

Physical Properties for Bituthene® System 4000 Surface Conditioner

Property	Typical Value
Solvent type	Water
Flash point	>140°F (>60°C)
VOC* content	91 g/L
Application temperature	25°F (-4°C) and above
Freeze thaw stability	5 cycles (minimum)
Freezing point (as packaged)	14°F (-10°C)
Dry time (hours)	1 hour**

* Volatile Organic Compound
** Dry time will vary with weather conditions

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For technical assistance call toll free at 866-333-3SBM (3726)

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Mark A. Franciosi
Technical Service Manager
Building Envelope

June 11th, 2015

Asya Bychkov, P.E.
AKRF, INC.
440 Park Ave South, 7th Floor
New York, NY 10016
646.388.9533

RE: Wheels Project – St George Waterfront Redevelopment – Staten Island, NY

Dear Asya,

I have reviewed the "New York Wheel Table 1" data, with a sample date of 6/23/14 along with Figure 2 – Soil Gas Sampling Plan prepared by your office dated 7/16/2014 for the above referenced project.

The identified contaminants at the levels reported will not have an adverse effect on the waterproofing or vapor barrier properties of Preprufe® 300R, Preprufe® 160R, Preprufe® 200 or Bituthene® 3000/4000 Systems along with all system accessories, provided standard design and application procedures are followed. Standard installation instructions and details can be found on our website at www.graceconstruction.com.

If you have any questions, please feel free to call me at the number above.

Sincerely,

Mark Franciosi

Mark A. Franciosi

Technical Service Manager

Building Envelope

cc: J. Ridgeway

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Asya Bychkov

Subject: FW: VCP Site V00228 - NY Wheel

From: Crawford, Nigel (DEC) [mailto:nigel.crawford@dec.ny.gov]
Sent: Wednesday, May 06, 2015 2:13 PM
To: Asya Bychkov
Cc: O'Connell, Jane H (DEC); Selmer, Stephanie (HEALTH)
Subject: RE: VCP Site V00228 - NY Wheel

Asya: There is no need for continuous air monitoring during pile driving but periodic air monitoring. Regarding the vapor barrier, as long as Grace can certify that the barrier is effective as intended this is acceptable. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Thursday, April 02, 2015 3:09 PM
To: Crawford, Nigel (DEC)
Cc: O'Connell, Jane H (DEC); Selmer, Stephanie (HEALTH)
Subject: VCP Site V00228 - NY Wheel

Nigel,

How are you? I have a few questions about the NY Wheel site. Please let me know what you think! Foundation work has not started so far, but should start soon – like many construction sites, they had a lot of weather-related delays in February/March.

- The contractor is asking whether another vapor barrier can be approved as a potential option for sub-slab applications. It's the Grace Preprufe 200 membrane (specs attached), which has 20 mil thickness and a water vapor permeance of 0.01 perms, similar to the approved Preprufe 160R/300R. Is this option acceptable to you and DOH?
- When is the next annual site inspection report due? Will it be one year from SMP approval, or another date?
- I'd like to go over the soil sampling requirements for reuse of existing on-site soil – sample frequency, how the DEC approval process works, etc. Can I call you sometime tomorrow or early next week?

Thanks!
Asya

--

Asya Bychkov, P.E.
Environmental Engineer
.....

AKRF, INC.
Environmental, Planning, and Engineering Consultants

440 Park Ave South, 7th Floor | New York, NY 10016
P) 646.388.9533 | F) 212.726.0942

www.akrf.com

Weathershield MARINE Chimney Cap for Air Insulated Pipes - 1/2" Mesh

Item#: 1161060

Overview Specs Warranty Q&A Reviews

The Weathershield Marine Chimney Cap helps maintain a chimney's optimum performance by keeping out rain, snow, leaves, debris, squirrels, birds and other animals. Specifically designed for homes near the ocean, the Weathershield Marine Chimney Cap is constructed of 316 Stainless Steel, for extra durability. Benefits include longer life, improved appearance and enhanced performance. An added feature is the removable mesh screen that provides a measure of safety by helping to contain sparks. This model is designed for round, air cooled chimneys, has a 1/2" x 1/2" stainless steel screen mesh and works with the following types of chimneys: Double & Triple Wall, Masonry, Solid Pack Insulated, Class A, and B vent.

CERTIFIED SPECIALISTS | WOODLAND DIFFERENCE | SHIPPING INFORMATION

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Rating: 5 out of 5

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Price: $229.00 – $349.00

Qty: 1

*Weathershield Marine Size. - Select -

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4.8 ★★★★★
Google
Customer Reviews

APPENDIX C
WASTE CHARACTERIZATION LABORATORY ANALYTICAL REPORTS

APPENDIX D
SOIL REUSE REQUESTS

AKRF Engineering, P.C.

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

October 15, 2015

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse and Sampling Plan Approval Request

Dear Mr. Crawford:

As part of site preparation and foundation work at the New York Wheel portion (the "Site") of the Ballpark at St. George Station site, soil excavated from beneath the Site cap has been either reused at the same location, or stockpiled in the western portion of the Site, in accordance with the Site Management Plan (SMP) (AKRF, February 2015). The current stockpile is approximately 22,000 cubic yards (CY). This soil is being considered for reuse on-site, primarily below the future building foundations, but potentially beneath other areas of the Site cap as well. Approximately 6,000 CY of this stockpile was sampled and this letter contains the laboratory analytical data for your review and approval of its on-site reuse.

In accordance with Table 6 of the SMP, the following soil samples were collected from a 6,000 CY portion of the stockpile on October 2, 2015: 17 grab samples for volatile organic compounds (VOCs); and 7 five-point composite samples for semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and TAL Metals. In addition, duplicates of the grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), a trip blank, and a field blank were collected for QA/QC purposes. Sample SP-DUP was a duplicate of SP-105. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID) both during excavation and during stockpile sampling, and no elevated readings were detected.

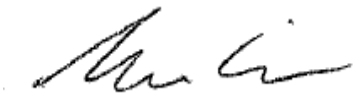
The laboratory analytical results are summarized in Tables 1 to 4. Complete laboratory analytical data is included in Attachment A. In accordance with the SMP, the data was compared to historical soil sampling data obtained during previous Site investigations in 1998 and 1999. Since Site soil was capped in place rather than removed as part of previous remedial activities, this historical data is assumed to be representative of existing sub-cap soil quality. Ranges of contaminant concentrations detected in historical samples collected from the top 0 to 6 feet (the approximate depth of excavation proposed for NY Wheel foundation elements) are included in Tables 1 to 4, with the historical sampling locations shown on Figure 1, and the relevant historical tables included as Attachment B.

The analytical data showed that no VOCs were detected in the stockpile samples. Several SVOCs, pesticides and PCBs were detected at concentrations either below Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs) or below the maximum historical background concentrations. Metals were detected at concentrations below USCOs or within the background ranges except for copper, nickel and zinc. Specifically, copper was detected in soil samples SP-103C and SP-106C at 2,600 milligrams per kilograms (mg/kg) and 5,200 mg/kg, respectively, above the previous background maximum concentration of 653 mg/kg. Zinc was detected in soil samples SP-103C and SP-106C at 740 mg/kg and 1,700 mg/kg, respectively, above the previous background maximum concentration of 736 mg/kg. Nickel was detected in sample SP-102C at 540 mg/kg above the previous background maximum concentration of 464 mg/kg. The detected metals concentrations are most likely attributable to historical fill or are potentially naturally occurring.

Based on these data, the stockpiled soil appears to be generally consistent with the contaminant levels elsewhere in sub-cap soil, and is thus suitable for reuse on-site beneath the Site cap. Although certain metals in two or fewer samples slightly exceeded the previously measured background ranges, this is most likely indicative of random variations within the fill material and does not likely indicate a different source or represent significant contamination. Additionally, these three metals are of relatively low toxicity and their presence beneath the cap at these levels is not of concern given the lack of an exposure pathway once the cap is completed.

Finally, based on the results of this and other recent soil sampling (including samples collected for soil export and for reuse) being comparable to the site historical background ranges and the significant soil volume proposed for reuse, we request that the future sampling frequency be reduced to one sample per 5,000 CY. Please let us know whether this is acceptable.

Sincerely,
AKRF, Inc.



Marcus Simons
Senior Vice President

cc: Robert Caravella, Michelle Lapin / AKRF

TABLES

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-101-A-G L1524941-01 10/2/2015	SP-101-B-G L1524941-02 10/2/2015	SP-102-A-G L1524941-04 10/2/2015	SP-102-B-G L1524941-05 10/2/2015	SP-102-C-G L1524941-06 10/2/2015
1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	0.00042 U	0.00046 U	0.00042 U	0.00051 U	0.00046 U
1,1,1-Trichloroethane	0.68	500	0.68	ND	0.00014 U	0.00016 U	0.00014 U	0.00018 U	0.00016 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND-0.0057	0.00013 U	0.00014 U	0.00013 U	0.00016 U	0.00014 U
1,1,2-Trichloroethane	NS	NS	NS	ND	0.0004 U	0.00043 U	0.0004 U	0.00049 U	0.00044 U
1,1-Dichloroethane	0.27	240	0.27	ND	0.00011 U	0.00012 U	0.00011 U	0.00014 U	0.00012 U
1,1-Dichloroethene	0.33	500	0.33	ND	0.00034 U	0.00037 U	0.00034 U	0.00042 U	0.00038 U
1,1-Dichloropropene	NS	NS	NS	ND	0.00018 U	0.0002 U	0.00018 U	0.00023 U	0.0002 U
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.00019 U	0.00021 U	0.00019 U	0.00024 U	0.00021 U
1,2,3-Trichloropropane	NS	NS	NS	ND	0.00021 U	0.00023 U	0.00021 U	0.00026 U	0.00023 U
1,2,4,5-Tetramethylbenzene	NS	NS	NS	ND	0.00017 U	0.00019 U	0.00017 U	0.00021 U	0.00019 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.00024 U	0.00026 U	0.00024 U	0.00029 U	0.00026 U
1,2,4-Trimethylbenzene	3.6	190	3.6	ND	0.00018 U	0.0002 U	0.00018 U	0.00023 U	0.0002 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.00052 U	0.00057 U	0.00052 U	0.00063 U	0.00057 U
1,2-Dibromoethane	NS	NS	NS	ND	0.00023 U	0.00025 U	0.00023 U	0.00028 U	0.00025 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00022 U
1,2-Dichloroethane	0.02	30	0.02	ND	0.00015 U	0.00016 U	0.00015 U	0.00018 U	0.00016 U
1,2-Dichloroethene, Total	NS	NS	NS	ND	0.00019 U	0.0002 U	0.00019 U	0.00023 U	0.0002 U
1,2-Dichloropropane	NS	NS	NS	ND	0.0003 U	0.00033 U	0.0003 U	0.00036 U	0.00033 U
1,3,5-Trimethylbenzene	8.4	190	8.4	ND	0.00019 U	0.0002 U	0.00019 U	0.00023 U	0.00021 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.00018 U	0.00019 U	0.00018 U	0.00022 U	0.00019 U
1,3-Dichloropropane	NS	NS	NS	ND	0.00019 U	0.00021 U	0.00019 U	0.00023 U	0.00021 U
1,3-Dichloropropene, Total	NS	NS	NS	ND	0.00015 U	0.00017 U	0.00015 U	0.00019 U	0.00017 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.00018 U	0.0002 U	0.00018 U	0.00022 U	0.0002 U
1,4-Dioxane	0.1	130	0.1	ND	0.019 U	0.021 U	0.019 U	0.023 U	0.021 U
2,2-Dichloropropane	NS	NS	NS	ND	0.0003 U	0.00032 U	0.0003 U	0.00036 U	0.00032 U
2-Butanone	0.12	500	0.12	ND-0.022	0.00036 U	0.00039 U	0.00036 U	0.00044 U	0.00039 U
2-Hexanone	NS	NS	NS	ND-0.02	0.00088 U	0.00095 U	0.00088 U	0.0011 U	0.00096 U
4-Methyl-2-pentanone	NS	NS	NS	ND-0.023	0.00032 U	0.00035 U	0.00032 U	0.00039 U	0.00035 U
Acetone	0.05	500	0.05	ND-0.057	0.0014 U	0.0015 U	0.0014 U	0.0016 U	0.0015 U
Acrylonitrile	NS	NS	NS	ND	0.00068 U	0.00074 U	0.00068 U	0.00082 U	0.00074 U
Benzene	0.06	44	0.06	ND	0.00016 U	0.00017 U	0.00016 U	0.00019 U	0.00017 U
Bromobenzene	NS	NS	NS	ND	0.00027 U	0.0003 U	0.00027 U	0.00033 U	0.0003 U
Bromochloromethane	NS	NS	NS	ND	0.00036 U	0.00039 U	0.00036 U	0.00044 U	0.0004 U
Bromodichloromethane	NS	NS	NS	ND	0.00023 U	0.00025 U	0.00023 U	0.00028 U	0.00025 U
Bromoform	NS	NS	NS	ND	0.00031 U	0.00034 U	0.00031 U	0.00038 U	0.00034 U
Bromomethane	NS	NS	NS	ND	0.00044 U	0.00048 U	0.00044 U	0.00054 U	0.00048 U
Carbon disulfide	NS	NS	NS	ND	0.0014 U	0.0016 U	0.0014 U	0.0018 U	0.0016 U
Carbon tetrachloride	0.76	22	0.76	ND	0.00028 U	0.0003 U	0.00028 U	0.00034 U	0.0003 U
Chlorobenzene	1.1	500	1.1	ND	0.00046 U	0.0005 U	0.00046 U	0.00056 U	0.0005 U
Chloroethane	NS	NS	NS	ND	0.00042 U	0.00045 U	0.00042 U	0.00051 U	0.00045 U
Chloroform	0.37	350	0.37	ND-0.001	0.00049 U	0.00053 U	0.00049 U	0.00059 U	0.00053 U
Chloromethane	NS	NS	NS	ND	0.00039 U	0.00042 U	0.00039 U	0.00047 U	0.00042 U
cis-1,2-Dichloroethene	0.25	500	0.25	ND	0.00019 U	0.0002 U	0.00019 U	0.00023 U	0.0002 U
cis-1,3-Dichloropropene	NS	NS	NS	ND	0.00015 U	0.00017 U	0.00015 U	0.00019 U	0.00017 U
Dibromochloromethane	NS	NS	NS	ND	0.0002 U	0.00022 U	0.0002 U	0.00025 U	0.00022 U
Dibromomethane	NS	NS	NS	ND	0.00022 U	0.00023 U	0.00022 U	0.00026 U	0.00024 U
Dichlorodifluoromethane	NS	NS	NS	ND	0.00025 U	0.00027 U	0.00025 U	0.0003 U	0.00027 U
Ethyl ether	NS	NS	NS	ND	0.00034 U	0.00037 U	0.00034 U	0.00042 U	0.00037 U
Ethylbenzene	1	390	1	ND	0.00017 U	0.00018 U	0.00017 U	0.0002 U	0.00018 U
Hexachlorobutadiene	NS	NS	NS	ND	0.0003 U	0.00033 U	0.0003 U	0.00036 U	0.00033 U
Isopropylbenzene	NS	NS	NS	ND	0.00014 U	0.00015 U	0.00014 U	0.00017 U	0.00015 U
Methyl tert butyl ether	0.93	500	0.93	ND	0.00011 U	0.00012 U	0.00011 U	0.00014 U	0.00012 U
Methylene chloride	0.05	500	0.05	ND-0.098	0.0014 U	0.0016 U	0.0014 U	0.0018 U	0.0016 U
Naphthalene	12	500	12	ND	0.00018 U	0.0002 U	0.00018 U	0.00022 U	0.0002 U
n-Butylbenzene	12	500	12	ND	0.00015 U	0.00016 U	0.00015 U	0.00018 U	0.00016 U
n-Propylbenzene	3.9	500	3.9	ND	0.00014 U	0.00016 U	0.00014 U	0.00017 U	0.00016 U
o-Chlorotoluene	NS	NS	NS	ND	0.00021 U	0.00023 U	0.00021 U	0.00026 U	0.00023 U
o-Xylene	0.26 TS	500 TS	1.6 TS	ND	0.00022 U	0.00024 U	0.00022 U	0.00028 U	0.00025 U
p/m-Xylene	0.26 TS	500 TS	1.6 TS	ND-0.0013	0.00026 U	0.00028 U	0.00026 U	0.00032 U	0.00028 U
p-Chlorotoluene	NS	NS	NS	ND	0.00017 U	0.00019 U	0.00017 U	0.00021 U	0.00019 U
p-Diethylbenzene	NS	NS	NS	ND	0.00021 U	0.00023 U	0.00021 U	0.00026 U	0.00023 U
p-Ethyltoluene	NS	NS	NS	ND	0.00016 U	0.00018 U	0.00016 U	0.0002 U	0.00018 U
p-Isopropyltoluene	NS	NS	NS	ND	0.00016 U	0.00018 U	0.00016 U	0.0002 U	0.00018 U
sec-Butylbenzene	11	500	11	ND	0.00016 U	0.00017 U	0.00016 U	0.0002 U	0.00018 U
Styrene	NS	NS	NS	ND	0.00053 U	0.00058 U	0.00053 U	0.00064 U	0.00058 U
tert-Butylbenzene	5.9	500	5.9	ND	0.00018 U	0.00019 U	0.00018 U	0.00022 U	0.00019 U
Tetrachloroethene	1.3	150	1.3	ND	0.00018 U	0.0002 U	0.00018 U	0.00022 U	0.0002 U
Toluene	0.7	500	0.7	ND-0.007	0.00026 U	0.00028 U	0.00026 U	0.00031 U	0.00028 U
trans-1,2-Dichloroethene	0.19	500	0.19	ND	0.00028 U	0.0003 U	0.00028 U	0.00034 U	0.0003 U
trans-1,3-Dichloropropene	NS	NS	NS	ND	0.00016 U	0.00017 U	0.00016 U	0.00019 U	0.00017 U
trans-1,4-Dichloro-2-butene	NS	NS	0	ND	0.00052 U	0.00056 U	0.00052 U	0.00063 U	0.00056 U
Trichloroethene	0.47	200	0.47	ND	0.00016 U	0.00018 U	0.00016 U	0.0002 U	0.00018 U
Trichlorofluoromethane	NS	NS	NS	ND	0.00051 U	0.00056 U	0.00051 U	0.00062 U	0.00056 U
Vinyl acetate	NS	NS	NS	ND	0.00017 U	0.00019 U	0.00017 U	0.00021 U	0.00019 U
Vinyl chloride	0.02	13	0.02	ND	0.00015 U	0.00017 U	0.00015 U	0.00019 U	0.00017 U
Xylenes, Total	0.26	500	1.6	ND-0.0013	0.00022 U	0.00024 U	0.00022 U	0.00028 U	0.00025 U

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-103-A-G L1524941-08 10/2/2015	SP-103-B-G L1524941-09 10/2/2015	SP-104-A-G L1524941-11 10/2/2015	SP-104-B-G L1524941-12 10/2/2015	SP-104-C-G L1524941-13 10/2/2015
1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	0.00045 U	0.00059 U	0.00058 U	0.00042 U	0.00049 U
1,1,1-Trichloroethane	0.68	500	0.68	ND	0.00016 U	0.00021 U	0.0002 U	0.00015 U	0.00017 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND-0.0057	0.00014 U	0.00019 U	0.00018 U	0.00013 U	0.00016 U
1,1,2-Trichloroethane	NS	NS	NS	ND	0.00043 U	0.00057 U	0.00056 U	0.0004 U	0.00047 U
1,1-Dichloroethane	0.27	240	0.27	ND	0.00012 U	0.00016 U	0.00016 U	0.00011 U	0.00013 U
1,1-Dichloroethene	0.33	500	0.33	ND	0.00037 U	0.00049 U	0.00048 U	0.00035 U	0.00041 U
1,1-Dichloropropene	NS	NS	NS	ND	0.0002 U	0.00026 U	0.00026 U	0.00019 U	0.00022 U
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.00021 U	0.00027 U	0.00027 U	0.0002 U	0.00023 U
1,2,3-Trichloropropane	NS	NS	NS	ND	0.00023 U	0.0003 U	0.0003 U	0.00022 U	0.00025 U
1,2,4,5-Tetramethylbenzene	NS	NS	NS	ND	0.00018 U	0.00024 U	0.00024 U	0.00017 U	0.0002 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.00026 U	0.00034 U	0.00033 U	0.00024 U	0.00028 U
1,2,4-Trimethylbenzene	3.6	190	3.6	ND	0.0002 U	0.00026 U	0.00026 U	0.00019 U	0.00022 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.00056 U	0.00074 U	0.00073 U	0.00053 U	0.00062 U
1,2-Dibromoethane	NS	NS	NS	ND	0.00024 U	0.00032 U	0.00032 U	0.00023 U	0.00027 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.00022 U	0.00028 U	0.00028 U	0.0002 U	0.00024 U
1,2-Dichloroethane	0.02	30	0.02	ND	0.00016 U	0.00021 U	0.00021 U	0.00015 U	0.00018 U
1,2-Dichloroethene, Total	NS	NS	NS	ND	0.0002 U	0.00026 U	0.00026 U	0.00019 U	0.00022 U
1,2-Dichloropropane	NS	NS	NS	ND	0.00032 U	0.00042 U	0.00042 U	0.0003 U	0.00035 U
1,3,5-Trimethylbenzene	8.4	190	8.4	ND	0.0002 U	0.00027 U	0.00026 U	0.00019 U	0.00022 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.00019 U	0.00025 U	0.00025 U	0.00018 U	0.00021 U
1,3-Dichloropropane	NS	NS	NS	ND	0.0002 U	0.00027 U	0.00027 U	0.00019 U	0.00022 U
1,3-Dichloropropene, Total	NS	NS	NS	ND	0.00016 U	0.00022 U	0.00022 U	0.00016 U	0.00018 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.00019 U	0.00026 U	0.00025 U	0.00018 U	0.00022 U
1,4-Dioxane	0.1	130	0.1	ND	0.02 U	0.027 U	0.026 U	0.019 U	0.022 U
2,2-Dichloropropane	NS	NS	NS	ND	0.00032 U	0.00042 U	0.00041 U	0.0003 U	0.00035 U
2-Butanone	0.12	500	0.12	ND-0.022	0.00038 U	0.00051 U	0.0005 U	0.00036 U	0.00042 U
2-Hexanone	NS	NS	NS	ND-0.02	0.00094 U	0.0012 U	0.0012 U	0.00088 U	0.001 U
4-Methyl-2-pentanone	NS	NS	NS	ND-0.023	0.00034 U	0.00045 U	0.00045 U	0.00032 U	0.00038 U
Acetone	0.05	500	0.05	ND-0.057	0.0014 U	0.0019 U	0.0019 U	0.0014 U	0.0016 U
Acrylonitrile	NS	NS	NS	ND	0.00072 U	0.00096 U	0.00094 U	0.00068 U	0.0008 U
Benzene	0.06	44	0.06	ND	0.00016 U	0.00022 U	0.00022 U	0.00016 U	0.00018 U
Bromobenzene	NS	NS	NS	ND	0.00029 U	0.00039 U	0.00038 U	0.00028 U	0.00032 U
Bromochloromethane	NS	NS	NS	ND	0.00039 U	0.00051 U	0.00051 U	0.00037 U	0.00043 U
Bromodichloromethane	NS	NS	NS	ND	0.00024 U	0.00032 U	0.00032 U	0.00023 U	0.00027 U
Bromoform	NS	NS	NS	ND	0.00033 U	0.00044 U	0.00043 U	0.00031 U	0.00037 U
Bromomethane	NS	NS	NS	ND	0.00048 U	0.00063 U	0.00062 U	0.00045 U	0.00052 U
Carbon disulfide	NS	NS	NS	ND	0.0015 U	0.002 U	0.002 U	0.0015 U	0.0017 U
Carbon tetrachloride	0.76	22	0.76	ND	0.0003 U	0.00039 U	0.00038 U	0.00028 U	0.00033 U
Chlorobenzene	1.1	500	1.1	ND	0.00049 U	0.00065 U	0.00064 U	0.00046 U	0.00054 U
Chloroethane	NS	NS	NS	ND	0.00044 U	0.00059 U	0.00058 U	0.00042 U	0.00049 U
Chloroform	0.37	350	0.37	ND-0.001	0.00052 U	0.00069 U	0.00068 U	0.00049 U	0.00057 U
Chloromethane	NS	NS	NS	ND	0.00041 U	0.00055 U	0.00054 U	0.00039 U	0.00046 U
cis-1,2-Dichloroethene	0.25	500	0.25	ND	0.0002 U	0.00026 U	0.00026 U	0.00019 U	0.00022 U
cis-1,3-Dichloropropene	NS	NS	NS	ND	0.00016 U	0.00022 U	0.00022 U	0.00016 U	0.00018 U
Dibromochloromethane	NS	NS	NS	ND	0.00022 U	0.00029 U	0.00028 U	0.0002 U	0.00024 U
Dibromomethane	NS	NS	NS	ND	0.00023 U	0.0003 U	0.0003 U	0.00022 U	0.00025 U
Dichlorodifluoromethane	NS	NS	NS	ND	0.00027 U	0.00036 U	0.00035 U	0.00025 U	0.0003 U
Ethyl ether	NS	NS	NS	ND	0.00036 U	0.00048 U	0.00048 U	0.00034 U	0.0004 U
Ethylbenzene	1	390	1	ND	0.00018 U	0.00024 U	0.00023 U	0.00017 U	0.0002 U
Hexachlorobutadiene	NS	NS	NS	ND	0.00032 U	0.00042 U	0.00042 U	0.0003 U	0.00035 U
Isopropylbenzene	NS	NS	NS	ND	0.00014 U	0.00019 U	0.00019 U	0.00014 U	0.00016 U
Methyl tert butyl ether	0.93	500	0.93	ND	0.00012 U	0.00016 U	0.00015 U	0.00011 U	0.00013 U
Methylene chloride	0.05	500	0.05	ND-0.098	0.0016 U	0.002 U	0.002 U	0.0015 U	0.0017 U
Naphthalene	12	500	12	ND	0.00019 U	0.00026 U	0.00025 U	0.00018 U	0.00022 U
n-Butylbenzene	12	500	12	ND	0.00016 U	0.00021 U	0.00021 U	0.00015 U	0.00018 U
n-Propylbenzene	3.9	500	3.9	ND	0.00015 U	0.0002 U	0.0002 U	0.00014 U	0.00017 U
o-Chlorotoluene	NS	NS	NS	ND	0.00022 U	0.0003 U	0.00029 U	0.00021 U	0.00025 U
o-Xylene	0.26 TS	500 TS	1.6 TS	ND	0.00024 U	0.00032 U	0.00032 U	0.00023 U	0.00027 U
p/m-Xylene	0.26 TS	500 TS	1.6 TS	ND-0.0013	0.00028 U	0.00037 U	0.00036 U	0.00026 U	0.00031 U
p-Chlorotoluene	NS	NS	NS	ND	0.00019 U	0.00025 U	0.00024 U	0.00018 U	0.00021 U
p-Diethylbenzene	NS	NS	NS	ND	0.00022 U	0.0003 U	0.00029 U	0.00021 U	0.00025 U
p-Ethyltoluene	NS	NS	NS	ND	0.00017 U	0.00023 U	0.00023 U	0.00016 U	0.00019 U
p-Isopropyltoluene	NS	NS	NS	ND	0.00018 U	0.00023 U	0.00023 U	0.00017 U	0.00019 U
sec-Butylbenzene	11	500	11	ND	0.00017 U	0.00023 U	0.00022 U	0.00016 U	0.00019 U
Styrene	NS	NS	NS	ND	0.00056 U	0.00075 U	0.00074 U	0.00053 U	0.00062 U
tert-Butylbenzene	5.9	500	5.9	ND	0.00019 U	0.00025 U	0.00025 U	0.00018 U	0.00021 U
Tetrachloroethene	1.3	150	1.3	ND	0.0002 U	0.00026 U	0.00026 U	0.00019 U	0.00022 U
Toluene	0.7	500	0.7	ND-0.007	0.00027 U	0.00036 U	0.00036 U	0.00026 U	0.0003 U
trans-1,2-Dichloroethene	0.19	500	0.19	ND	0.0003 U	0.00039 U	0.00039 U	0.00028 U	0.00033 U
trans-1,3-Dichloropropene	NS	NS	NS	ND	0.00017 U	0.00022 U	0.00022 U	0.00016 U	0.00019 U
trans-1,4-Dichloro-2-butene	NS	NS	0	ND	0.00055 U	0.00073 U	0.00072 U	0.00052 U	0.00061 U
Trichloroethene	0.47	200	0.47	ND	0.00018 U	0.00023 U	0.00023 U	0.00017 U	0.00019 U
Trichlorofluoromethane	NS	NS	NS	ND	0.00054 U	0.00072 U	0.00071 U	0.00052 U	0.0006 U
Vinyl acetate	NS	NS	NS	ND	0.00018 U	0.00025 U	0.00024 U	0.00018 U	0.0002 U
Vinyl chloride	0.02	13	0.02	ND	0.00016 U	0.00022 U	0.00022 U	0.00016 U	0.00018 U
Xylenes, Total	0.26	500	1.6	ND-0.0013	0.00024 U	0.00032 U	0.00032 U	0.00023 U	0.00027 U

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-105-A-G L1524941-15 10/2/2015	SP-105-B-G L1524941-16 10/2/2015	SP-106-A-G L1524941-19 10/2/2015	SP-106-B-G L1524941-20 10/2/2015	SP-106-C-G L1524941-21 10/2/2015
1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	0.00041 U	0.00048 U	0.00036 U	0.00054 U	0.00056 U
1,1,1-Trichloroethane	0.68	500	0.68	ND	0.00014 U	0.00017 U	0.00013 U	0.00019 U	0.0002 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND-0.0057	0.00013 U	0.00015 U	0.00012 U	0.00017 U	0.00018 U
1,1,2-Trichloroethane	NS	NS	NS	ND	0.00039 U	0.00046 U	0.00035 U	0.00052 U	0.00054 U
1,1-Dichloroethane	0.27	240	0.27	ND	0.00011 U	0.00013 U	0.0001 U	0.00015 U	0.00015 U
1,1-Dichloroethene	0.33	500	0.33	ND	0.00034 U	0.0004 U	0.0003 U	0.00045 U	0.00046 U
1,1-Dichloropropene	NS	NS	NS	ND	0.00018 U	0.00022 U	0.00016 U	0.00024 U	0.00025 U
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.00019 U	0.00022 U	0.00017 U	0.00025 U	0.00026 U
1,2,3-Trichloropropane	NS	NS	NS	ND	0.00021 U	0.00025 U	0.00019 U	0.00028 U	0.00029 U
1,2,4,5-Tetramethylbenzene	NS	NS	NS	ND	0.00017 U	0.0002 U	0.00015 U	0.00022 U	0.00023 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.00023 U	0.00028 U	0.00021 U	0.00031 U	0.00032 U
1,2,4-Trimethylbenzene	3.6	190	3.6	ND	0.00018 U	0.00022 U	0.00016 U	0.00024 U	0.00025 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.00051 U	0.0006 U	0.00045 U	0.00068 U	0.0007 U
1,2-Dibromoethane	NS	NS	NS	ND	0.00022 U	0.00026 U	0.0002 U	0.0003 U	0.00031 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.0002 U	0.00023 U	0.00018 U	0.00026 U	0.00027 U
1,2-Dichloroethane	0.02	30	0.02	ND	0.00014 U	0.00017 U	0.00013 U	0.00019 U	0.0002 U
1,2-Dichloroethene, Total	NS	NS	NS	ND	0.00018 U	0.00022 U	0.00016 U	0.00024 U	0.00025 U
1,2-Dichloropropane	NS	NS	NS	ND	0.00029 U	0.00035 U	0.00026 U	0.00039 U	0.0004 U
1,3,5-Trimethylbenzene	8.4	190	8.4	ND	0.00018 U	0.00022 U	0.00016 U	0.00024 U	0.00025 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.00017 U	0.0002 U	0.00015 U	0.00023 U	0.00024 U
1,3-Dichloropropane	NS	NS	NS	ND	0.00019 U	0.00022 U	0.00017 U	0.00025 U	0.00026 U
1,3-Dichloropropene, Total	NS	NS	NS	ND	0.00015 U	0.00018 U	0.00014 U	0.0002 U	0.00021 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.00018 U	0.00021 U	0.00016 U	0.00024 U	0.00024 U
1,4-Dioxane	0.1	130	0.1	ND	0.018 U	0.022 U	0.016 U	0.025 U	0.026 U
2,2-Dichloropropane	NS	NS	NS	ND	0.00029 U	0.00034 U	0.00026 U	0.00039 U	0.0004 U
2-Butanone	0.12	500	0.12	ND-0.022	0.00035 U	0.00041 U	0.00031 U	0.00046 U	0.00048 U
2-Hexanone	NS	NS	NS	ND-0.02	0.00086 U	0.001 U	0.00076 U	0.0011 U	0.0012 U
4-Methyl-2-pentanone	NS	NS	NS	ND-0.023	0.00031 U	0.00037 U	0.00028 U	0.00042 U	0.00043 U
Acetone	0.05	500	0.05	ND-0.057	0.0013 U	0.0016 U	0.0012 U	0.0018 U	0.0018 U
Acrylonitrile	NS	NS	NS	ND	0.00066 U	0.00078 U	0.00059 U	0.00088 U	0.00091 U
Benzene	0.06	44	0.06	ND	0.00015 U	0.00018 U	0.00014 U	0.0002 U	0.00021 U
Bromobenzene	NS	NS	NS	ND	0.00027 U	0.00032 U	0.00024 U	0.00036 U	0.00037 U
Bromochloromethane	NS	NS	NS	ND	0.00035 U	0.00042 U	0.00032 U	0.00047 U	0.00049 U
Bromodichloromethane	NS	NS	NS	ND	0.00022 U	0.00026 U	0.0002 U	0.0003 U	0.00031 U
Bromoform	NS	NS	NS	ND	0.0003 U	0.00036 U	0.00027 U	0.0004 U	0.00042 U
Bromomethane	NS	NS	NS	ND	0.00043 U	0.00051 U	0.00039 U	0.00058 U	0.0006 U
Carbon disulfide	NS	NS	NS	ND	0.0014 U	0.0017 U	0.0013 U	0.0019 U	0.002 U
Carbon tetrachloride	0.76	22	0.76	ND	0.00027 U	0.00032 U	0.00024 U	0.00036 U	0.00037 U
Chlorobenzene	1.1	500	1.1	ND	0.00045 U	0.00053 U	0.0004 U	0.0006 U	0.00062 U
Chloroethane	NS	NS	NS	ND	0.0004 U	0.00048 U	0.00036 U	0.00054 U	0.00056 U
Chloroform	0.37	350	0.37	ND-0.001	0.00048 U	0.00056 U	0.00042 U	0.00063 U	0.00066 U
Chloromethane	NS	NS	NS	ND	0.00038 U	0.00045 U	0.00034 U	0.0005 U	0.00052 U
cis-1,2-Dichloroethene	0.25	500	0.25	ND	0.00018 U	0.00022 U	0.00016 U	0.00024 U	0.00025 U
cis-1,3-Dichloropropene	NS	NS	NS	ND	0.00015 U	0.00018 U	0.00014 U	0.0002 U	0.00021 U
Dibromochloromethane	NS	NS	NS	ND	0.0002 U	0.00023 U	0.00018 U	0.00026 U	0.00027 U
Dibromomethane	NS	NS	NS	ND	0.00021 U	0.00025 U	0.00019 U	0.00028 U	0.00029 U
Dichlorodifluoromethane	NS	NS	NS	ND	0.00024 U	0.00029 U	0.00022 U	0.00033 U	0.00034 U
Ethyl ether	NS	NS	NS	ND	0.00033 U	0.0004 U	0.0003 U	0.00044 U	0.00046 U
Ethylbenzene	1	390	1	ND	0.00016 U	0.00019 U	0.00015 U	0.00022 U	0.00022 U
Hexachlorobutadiene	NS	NS	NS	ND	0.00029 U	0.00035 U	0.00026 U	0.00039 U	0.0004 U
Isopropylbenzene	NS	NS	NS	ND	0.00013 U	0.00016 U	0.00012 U	0.00018 U	0.00018 U
Methyl tert butyl ether	0.93	500	0.93	ND	0.00011 U	0.00013 U	0.0001 U	0.00014 U	0.00015 U
Methylene chloride	0.05	500	0.05	ND-0.098	0.0014 U	0.0017 U	0.0013 U	0.0019 U	0.002 U
Naphthalene	12	500	12	ND	0.00018 U	0.00021 U	0.00016 U	0.00024 U	0.00024 U
n-Butylbenzene	12	500	12	ND	0.00015 U	0.00017 U	0.00013 U	0.0002 U	0.0002 U
n-Propylbenzene	3.9	500	3.9	ND	0.00014 U	0.00017 U	0.00012 U	0.00019 U	0.00019 U
o-Chlorotoluene	NS	NS	NS	ND	0.0002 U	0.00024 U	0.00018 U	0.00027 U	0.00028 U
o-Xylene	0.26 TS	500 TS	1.6 TS	ND	0.00022 U	0.00026 U	0.0002 U	0.00029 U	0.0003 U
p/m-Xylene	0.26 TS	500 TS	1.6 TS	ND-0.0013	0.00025 U	0.0003 U	0.00023 U	0.00034 U	0.00035 U
p-Chlorotoluene	NS	NS	NS	ND	0.00017 U	0.0002 U	0.00015 U	0.00023 U	0.00024 U
p-Diethylbenzene	NS	NS	NS	ND	0.0002 U	0.00024 U	0.00018 U	0.00027 U	0.00028 U
p-Ethyltoluene	NS	NS	NS	ND	0.00016 U	0.00019 U	0.00014 U	0.00021 U	0.00022 U
p-Isopropyltoluene	NS	NS	NS	ND	0.00016 U	0.00019 U	0.00014 U	0.00021 U	0.00022 U
sec-Butylbenzene	11	500	11	ND	0.00016 U	0.00018 U	0.00014 U	0.00021 U	0.00022 U
Styrene	NS	NS	NS	ND	0.00052 U	0.00061 U	0.00046 U	0.00069 U	0.00071 U
tert-Butylbenzene	5.9	500	5.9	ND	0.00017 U	0.00021 U	0.00016 U	0.00023 U	0.00024 U
Tetrachloroethene	1.3	150	1.3	ND	0.00018 U	0.00021 U	0.00016 U	0.00024 U	0.00025 U
Toluene	0.7	500	0.7	ND-0.007	0.00025 U	0.0003 U	0.00022 U	0.00033 U	0.00034 U
trans-1,2-Dichloroethene	0.19	500	0.19	ND	0.00027 U	0.00032 U	0.00024 U	0.00036 U	0.00038 U
trans-1,3-Dichloropropene	NS	NS	NS	ND	0.00016 U	0.00018 U	0.00014 U	0.00021 U	0.00021 U
trans-1,4-Dichloro-2-butene	NS	NS	0	ND	0.0005 U	0.0006 U	0.00045 U	0.00067 U	0.00069 U
Trichloroethene	0.47	200	0.47	ND	0.00016 U	0.00019 U	0.00014 U	0.00021 U	0.00022 U
Trichlorofluoromethane	NS	NS	NS	ND	0.0005 U	0.00059 U	0.00044 U	0.00066 U	0.00069 U
Vinyl acetate	NS	NS	NS	ND	0.00017 U	0.0002 U	0.00015 U	0.00023 U	0.00023 U
Vinyl chloride	0.02	13	0.02	ND	0.00015 U	0.00018 U	0.00013 U	0.0002 U	0.00021 U
Xylenes, Total	0.26	500	1.6	ND-0.0013	0.00022 U	0.00026 U	0.0002 U	0.00029 U	0.0003 U

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled	NYSDEC Part 375 Unrestricted SCO	NYSDEC Part 375 Commercial SCO	NYSDEC Part 375 Groundwater SCO	SITE BACK-GROUND RANGES	SP-107-A-G L1524941-23 10/2/2015	SP-107-B-G L1524941-24 10/2/2015	SP-DUP L1524941-18 10/2/2015	FB L1524941-27 10/2/2015	TB L1524941-26 10/2/2015
mg/kg	mg/kg	mg/kg	mg/kg					µg/L	µg/L
1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	0.00045 U	0.00042 U	0.00034 U	0.7 U	0.7 U
1,1,1-Trichloroethane	0.68	500	0.68	ND	0.00016 U	0.00015 U	0.00012 U	0.7 U	0.7 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	ND-0.0057	0.00014 U	0.00013 U	0.00011 U	0.14 U	0.14 U
1,1,2-Trichloroethane	NS	NS	NS	ND	0.00043 U	0.0004 U	0.00032 U	0.5 U	0.5 U
1,1-Dichloroethane	0.27	240	0.27	ND	0.00012 U	0.00011 U	0.00009 U	0.7 U	0.7 U
1,1-Dichloroethene	0.33	500	0.33	ND	0.00037 U	0.00035 U	0.00028 U	0.14 U	0.14 U
1,1-Dichloropropene	NS	NS	NS	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.00021 U	0.0002 U	0.00016 U	0.7 U	0.7 U
1,2,3-Trichloropropane	NS	NS	NS	ND	0.00023 U	0.00022 U	0.00017 U	0.7 U	0.7 U
1,2,4,5-Tetramethylbenzene	NS	NS	NS	ND	0.00018 U	0.00017 U	0.00014 U	0.65 U	0.65 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.00026 U	0.00024 U	0.00019 U	0.7 U	0.7 U
1,2,4-Trimethylbenzene	3.6	190	3.6	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.00056 U	0.00053 U	0.00042 U	0.7 U	0.7 U
1,2-Dibromoethane	NS	NS	NS	ND	0.00024 U	0.00023 U	0.00018 U	0.65 U	0.65 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.00022 U	0.0002 U	0.00016 U	0.7 U	0.7 U
1,2-Dichloroethane	0.02	30	0.02	ND	0.00016 U	0.00015 U	0.00012 U	0.13 U	0.13 U
1,2-Dichloroethene, Total	NS	NS	NS	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
1,2-Dichloropropane	NS	NS	NS	ND	0.00032 U	0.0003 U	0.00024 U	0.13 U	0.13 U
1,3,5-Trimethylbenzene	8.4	190	8.4	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.00019 U	0.00018 U	0.00014 U	0.7 U	0.7 U
1,3-Dichloropropane	NS	NS	NS	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
1,3-Dichloropropene, Total	NS	NS	NS	ND	0.00016 U	0.00016 U	0.00012 U	0.14 U	0.14 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.00019 U	0.00018 U	0.00015 U	0.7 U	0.7 U
1,4-Dioxane	0.1	130	0.1	ND	0.02 U	0.019 U	0.015 U	41 U	41 U
2,2-Dichloropropane	NS	NS	NS	ND	0.00032 U	0.0003 U	0.00024 U	0.7 U	0.7 U
2-Butanone	0.12	500	0.12	ND-0.022	0.00038 U	0.00036 U	0.00029 U	1.9 U	1.9 U
2-Hexanone	NS	NS	NS	ND-0.02	0.00094 U	0.00089 U	0.0007 U	1 U	1 U
4-Methyl-2-pentanone	NS	NS	NS	ND-0.023	0.00034 U	0.00032 U	0.00026 U	1 U	1 U
Acetone	0.05	500	0.05	ND-0.057	0.0014 U	0.0014 U	0.0011 U	1.5 U	1.5 U
Acrylonitrile	NS	NS	NS	ND	0.00072 U	0.00068 U	0.00054 U	1.5 U	1.5 U
Benzene	0.06	44	0.06	ND	0.00017 U	0.00016 U	0.00012 U	0.16 U	0.16 U
Bromobenzene	NS	NS	NS	ND	0.00029 U	0.00028 U	0.00022 U	0.7 U	0.7 U
Bromochloromethane	NS	NS	NS	ND	0.00039 U	0.00037 U	0.00029 U	0.7 U	0.7 U
Bromodichloromethane	NS	NS	NS	ND	0.00024 U	0.00023 U	0.00018 U	0.19 U	0.19 U
Bromoform	NS	NS	NS	ND	0.00033 U	0.00031 U	0.00025 U	0.65 U	0.65 U
Bromomethane	NS	NS	NS	ND	0.00048 U	0.00045 U	0.00036 U	0.7 U	0.7 U
Carbon disulfide	NS	NS	NS	ND	0.0016 U	0.0015 U	0.0012 U	1 U	1 U
Carbon tetrachloride	0.76	22	0.76	ND	0.0003 U	0.00028 U	0.00022 U	0.13 U	0.13 U
Chlorobenzene	1.1	500	1.1	ND	0.00049 U	0.00046 U	0.00037 U	0.7 U	0.7 U
Chloroethane	NS	NS	NS	ND	0.00044 U	0.00042 U	0.00033 U	0.7 U	0.7 U
Chloroform	0.37	350	0.37	ND-0.001	0.00052 U	0.00049 U	0.00039 U	0.7 U	0.7 U
Chloromethane	NS	NS	NS	ND	0.00041 U	0.00039 U	0.00031 U	0.7 U	0.7 U
cis-1,2-Dichloroethene	0.25	500	0.25	ND	0.0002 U	0.00019 U	0.00015 U	0.7 U	0.7 U
cis-1,3-Dichloropropene	NS	NS	NS	ND	0.00016 U	0.00016 U	0.00012 U	0.14 U	0.14 U
Dibromochloromethane	NS	NS	NS	ND	0.00022 U	0.0002 U	0.00016 U	0.15 U	0.15 U
Dibromomethane	NS	NS	NS	ND	0.00023 U	0.00022 U	0.00017 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	NS	ND	0.00027 U	0.00025 U	0.0002 U	1 U	1 U
Ethyl ether	NS	NS	NS	ND	0.00037 U	0.00035 U	0.00027 U	0.7 U	0.7 U
Ethylbenzene	1	390	1	ND	0.00018 U	0.00017 U	0.00013 U	0.7 U	0.7 U
Hexachlorobutadiene	NS	NS	NS	ND	0.00032 U	0.0003 U	0.00024 U	0.7 U	0.7 U
Isopropylbenzene	NS	NS	NS	ND	0.00015 U	0.00014 U	0.00011 U	0.7 U	0.7 U
Methyl tert butyl ether	0.93	500	0.93	ND	0.00012 U	0.00011 U	0.00009 U	0.7 U	0.7 U
Methylene chloride	0.05	500	0.05	ND-0.098	0.0016 U	0.0015 U	0.0012 U	0.7 U	0.7 U
Naphthalene	12	500	12	ND	0.00019 U	0.00018 U	0.00015 U	0.7 U	0.7 U
n-Butylbenzene	12	500	12	ND	0.00016 U	0.00015 U	0.00012 U	0.7 U	0.7 U
n-Propylbenzene	3.9	500	3.9	ND	0.00015 U	0.00014 U	0.00012 U	0.7 U	0.7 U
o-Chlorotoluene	NS	NS	NS	ND	0.00022 U	0.00021 U	0.00017 U	0.7 U	0.7 U
o-Xylene	0.26 TS	500 TS	1.6 TS	ND	0.00024 U	0.00023 U	0.00018 U	0.7 U	0.7 U
p/m-Xylene	0.26 TS	500 TS	1.6 TS	ND-0.0013	0.00028 U	0.00026 U	0.00021 U	0.7 U	0.7 U
p-Chlorotoluene	NS	NS	NS	ND	0.00019 U	0.00018 U	0.00014 U	0.7 U	0.7 U
p-Diethylbenzene	NS	NS	NS	ND	0.00022 U	0.00021 U	0.00017 U	0.7 U	0.7 U
p-Ethyltoluene	NS	NS	NS	ND	0.00017 U	0.00016 U	0.00013 U	0.7 U	0.7 U
p-Isopropyltoluene	NS	NS	NS	ND	0.00018 U	0.00017 U	0.00013 U	0.7 U	0.7 U
sec-Butylbenzene	11	500	11	ND	0.00017 U	0.00016 U	0.00013 U	0.7 U	0.7 U
Styrene	NS	NS	NS	ND	0.00057 U	0.00054 U	0.00042 U	0.7 U	0.7 U
tert-Butylbenzene	5.9	500	5.9	ND	0.00019 U	0.00018 U	0.00014 U	0.7 U	0.7 U
Tetrachloroethene	1.3	150	1.3	ND	0.0002 U	0.00019 U	0.00015 U	0.18 U	0.18 U
Toluene	0.7	500	0.7	ND-0.007	0.00027 U	0.00026 U	0.0002 U	0.7 U	0.7 U
trans-1,2-Dichloroethene	0.19	500	0.19	ND	0.0003 U	0.00028 U	0.00022 U	0.7 U	0.7 U
trans-1,3-Dichloropropene	NS	NS	NS	ND	0.00017 U	0.00016 U	0.00013 U	0.16 U	0.16 U
trans-1,4-Dichloro-2-butene	NS	NS	0	ND	0.00055 U	0.00052 U	0.00041 U	0.7 U	0.7 U
Trichloroethene	0.47	200	0.47	ND	0.00018 U	0.00017 U	0.00013 U	0.18 U	0.18 U
Trichlorofluoromethane	NS	NS	NS	ND	0.00055 U	0.00052 U	0.00041 U	0.7 U	0.7 U
Vinyl acetate	NS	NS	NS	ND	0.00019 U	0.00018 U	0.00014 U	1 U	1 U
Vinyl chloride	0.02	13	0.02	ND	0.00016 U	0.00016 U	0.00012 U	0.07 U	0.07 U
Xylenes, Total	0.26	500	1.6	ND-0.0013	0.00024 U	0.00023 U	0.00018 U	0.7 U	0.7 U

Table 2

NY Wheel

Staten Island, NY

Stockpile Sampling Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK- GROUND RANGES	SP-101-C L1524941-03 10/2/2015 1	SP-102-C L1524941-07 10/2/2015 2	SP-103-C L1524941-10 10/2/2015 1	SP-104-C L1524941-14 10/2/2015 2	SP-105-C L1524941-17 10/2/2015 2
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	ND	0.062 U	0.12 U	0.059 U	0.12 U	0.12 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.066 U	0.13 U	0.063 U	0.12 U	0.12 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.066 U	0.13 U	0.063 U	0.12 U	0.12 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.063 U	0.12 U	0.06 U	0.12 U	0.12 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.061 U	0.12 U	0.058 U	0.12 U	0.12 U
2,4,5-Trichlorophenol	NS	NS	NS	ND	0.065 U	0.12 U	0.062 U	0.12 U	0.12 U
2,4,6-Trichlorophenol	NS	NS	NS	ND	0.038 U	0.073 U	0.036 U	0.072 U	0.072 U
2,4-Dichlorophenol	NS	NS	NS	ND	0.065 U	0.12 U	0.062 U	0.12 U	0.12 U
2,4-Dimethylphenol	NS	NS	NS	ND	0.06 U	0.12 U	0.057 U	0.11 U	0.11 U
2,4-Dinitrophenol	NS	NS	NS	ND	0.28 U	0.53 U	0.26 U	0.52 U	0.52 U
2,4-Dinitrotoluene	NS	NS	NS	ND	0.043 U	0.084 U	0.041 U	0.082 U	0.082 U
2,6-Dinitrotoluene	NS	NS	NS	ND	0.051 U	0.099 U	0.049 U	0.098 U	0.098 U
2-Chloronaphthalene	NS	NS	NS	ND	0.066 U	0.13 U	0.062 U	0.12 U	0.12 U
2-Chlorophenol	NS	NS	NS	ND	0.061 U	0.12 U	0.058 U	0.12 U	0.12 U
2-Methylnaphthalene	NS	NS	NS	ND-0.95	0.064 U	0.15 J	0.23	0.16 J	0.17 J
2-Methylphenol	0.33	500	0.33	ND	0.065 U	0.12 U	0.062 U	0.12 U	0.12 U
2-Nitroaniline	NS	NS	NS	ND	0.057 U	0.11 U	0.054 U	0.11 U	0.11 U
2-Nitrophenol	NS	NS	NS	ND	0.063 U	0.12 U	0.06 U	0.12 U	0.12 U
3,3'-Dichlorobenzidine	NS	NS	NS	ND	0.054 U	0.1 U	0.051 U	0.1 U	0.1 U
3-Methylphenol/4-Methylphenol	0.33	500	0.33	ND-0.065	0.066 U	0.13 U	0.063 U	0.12 U	0.12 U
3-Nitroaniline	NS	NS	NS	ND	0.056 U	0.11 U	0.053 U	0.1 U	0.1 U
4,6-Dinitro-o-cresol	NS	NS	NS	ND	0.074 U	0.14 U	0.07 U	0.14 U	0.14 U
4-Bromophenyl phenyl ether	NS	NS	NS	ND	0.046 U	0.089 U	0.044 U	0.088 U	0.088 U
4-Chloroaniline	NS	NS	NS	ND	0.053 U	0.1 U	0.051 U	0.1 U	0.1 U
4-Chlorophenyl phenyl ether	NS	NS	NS	ND	0.061 U	0.12 U	0.058 U	0.12 U	0.12 U
4-Nitroaniline	NS	NS	NS	ND	0.054 U	0.1 U	0.052 U	0.1 U	0.1 U
4-Nitrophenol	NS	NS	NS	ND	0.065 U	0.12 U	0.062 U	0.12 U	0.12 U
Acenaphthene	20	500	98	ND-5.1	0.1 J	0.16 J	0.29	0.23 J	0.18 J
Acenaphthylene	100	500	107	ND-0.79	0.11 J	0.19 J	0.28	0.25 J	0.18 J
Acetophenone	NS	NS	NS	ND	0.062 U	0.12 U	0.059 U	0.12 U	0.12 U
Anthracene	100	500	1,000	ND-14	0.53	0.48	0.75	0.82	0.55
Benzo(a)anthracene	1	5.6	1	ND-41	**1.3**	**1.2**	**1.8**	**2.2**	**1.3**
Benzo(a)pyrene	1	1	22	ND-31	**1.2**	**1.1**	**1.8**	**2.1**	**1.2**
Benzo(b)fluoranthene	1	5.6	1.7	ND-100	**1.5**	**1.4**	**2.5**	**2.7**	**1.6**
Benzo(ghi)perylene	100	500	1,000	ND-8	0.72	0.69	1	1.3	0.74
Benzo(k)fluoranthene	0.8	56	1.7	ND-36	0.57	0.62	**0.82**	**1.1**	0.61
Benzoic Acid	NS	NS	NS	ND	0.2 U	0.39 U	0.19 U	0.39 U	0.39 U
Benzyl Alcohol	NS	NS	NS	ND	0.062 U	0.12 U	0.059 U	0.12 U	0.12 U
Biphenyl	NS	NS	NS	ND	0.066 U	0.13 U	0.063 U	0.12 U	0.13 U
Bis(2-chloroethoxy)methane	NS	NS	NS	ND	0.061 U	0.12 U	0.058 U	0.12 U	0.12 U
Bis(2-chloroethyl)ether	NS	NS	NS	ND	0.056 U	0.11 U	0.054 U	0.11 U	0.11 U
Bis(2-chloroisopropyl)ether	NS	NS	NS	ND	0.071 U	0.14 U	0.067 U	0.13 U	0.13 U
Bis(2-Ethylhexyl)phthalate	NS	NS	NS	ND-5.5	0.053 U	0.13 J	0.16 J	0.16 J	0.17 J
Butyl benzyl phthalate	NS	NS	NS	ND-0.39	0.039 U	0.076 U	0.037 U	0.074 U	0.075 U
Carbazole	NS	NS	NS	ND-10	0.14 J	0.2 J	0.33	0.38	0.21 J
Chrysene	1	56	1	ND-48	**1.4**	**1.2**	**2**	**2.4**	**1.4**
Di-n-butylphthalate	NS	NS	NS	ND-0.15	0.039 U	0.075 U	0.037 U	0.074 U	0.074 U
Di-n-octylphthalate	NS	NS	NS	ND-0.16	0.049 U	0.095 U	0.047 U	0.094 U	0.094 U
Dibenzo(a,h)anthracene	0.33	0.56	1,000	ND-5.2	0.2	0.2 J	0.31	**0.36**	0.2 J
Dibenzofuran	7	350	210	ND-0.76	0.068 J	0.14 J	0.21	0.18 J	0.14 J
Diethyl phthalate	NS	NS	NS	ND-0.71	0.042 U	0.082 U	0.04 U	0.081 U	0.081 U
Dimethyl phthalate	NS	NS	NS	ND	0.051 U	0.098 U	0.049 U	0.097 U	0.097 U
Fluoranthene	100	500	1,000	ND-89	2.5	2.2	3.4	4.2	2.7
Fluorene	30	500	386	ND-5.8	0.13 J	0.18 J	0.29	0.28 J	0.17 J
Hexachlorobenzene	0.33	6	3.2	ND	0.037 U	0.072 U	0.036 U	0.071 U	0.071 U
Hexachlorobutadiene	NS	NS	NS	ND	0.057 U	0.11 U	0.054 U	0.11 U	0.11 U
Hexachlorocyclopentadiene	NS	NS	NS	ND	0.13 U	0.25 U	0.12 U	0.24 U	0.24 U
Hexachloroethane	NS	NS	NS	ND	0.036 U	0.07 U	0.035 U	0.069 U	0.069 U
Indeno(1,2,3-cd)Pyrene	0.5	5.6	8.2	ND-10	**0.75**	**0.74**	**1.1**	**1.4**	**0.75**
Isophorone	NS	NS	NS	ND-0.28	0.054 U	0.1 U	0.051 U	0.1 U	0.1 U
n-Nitrosodi-n-propylamine	NS	NS	NS	ND-0.82	0.06 U	0.12 U	0.057 U	0.11 U	0.11 U
Naphthalene	12	500	12	ND-1.3	0.12 J	0.29 J	0.53	0.3 J	0.32 J
Nitrobenzene	NS	NS	NS	ND	0.048 U	0.092 U	0.046 U	0.091 U	0.091 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	NS	ND-1.9	0.042 U	0.081 U	0.04 U	0.08 U	0.08 U
P-Chloro-M-Cresol	NS	NS	NS	ND	0.058 U	0.11 U	0.056 U	0.11 U	0.11 U
Pentachlorophenol	0.8	6.7	0.8	ND-0.11	0.043 U	0.083 U	0.041 U	0.082 U	0.082 U
Phenanthrene	100	500	1,000	ND-49	1.3	1.3	2.1	2.3	1.3
Phenol	0.33	500	0.33	ND	0.06 U	0.11 U	0.057 U	0.11 U	0.11 U
Pyrene	100	500	1,000	ND-100	2.2	2	3	3.7	2.5

Table 2

NY Wheel

Staten Island, NY

Stockpile Sampling Soil Analytical Results

Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	NYSDEC	SITE	SP-106-C	SP-107-C	SP-DUP	FB
Lab Sample ID	Part 375	Part 375	Part 375	BACK-	L1524941-22	L1524941-25	L1524941-18	L1524941-27
Date Sampled	Unrestricted	Commercial	Groundwater	GROUND	10/2/2015	10/2/2015	10/2/2015	10/2/2015
Dilution	SCO	SCO	SCO	RANGES	2	2	4	1
mg/kg	mg/kg	mg/kg	mg/kg					µg/L
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	ND	0.12 U	0.12 U	0.23 U	0.36 U
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	0.21 U
1,2-Dichlorobenzene	1.1	500	1.1	ND	0.13 U	0.13 U	0.24 U	0.3 U
1,3-Dichlorobenzene	2.4	280	2.4	ND	0.12 U	0.13 U	0.23 U	0.35 U
1,4-Dichlorobenzene	1.8	130	1.8	ND	0.12 U	0.12 U	0.22 U	0.32 U
2,4,5-Trichlorophenol	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	0.75 U
2,4,6-Trichlorophenol	NS	NS	NS	ND	0.075 U	0.076 U	0.14 U	0.78 U
2,4-Dichlorophenol	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	0.56 U
2,4-Dimethylphenol	NS	NS	NS	ND	0.12 U	0.12 U	0.22 U	0.58 U
2,4-Dinitrophenol	NS	NS	NS	ND	0.54 U	0.55 U	1 U	1.4 U
2,4-Dinitrotoluene	NS	NS	NS	ND	0.086 U	0.087 U	0.16 U	1 U
2,6-Dinitrotoluene	NS	NS	NS	ND	0.1 U	0.1 U	0.19 U	0.89 U
2-Chloronaphthalene	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	0.46 U
2-Chlorophenol	NS	NS	NS	ND	0.12 U	0.12 U	0.22 U	0.58 U
2-Methylnaphthalene	NS	NS	NS	ND-0.95	0.41 J	0.28 J	0.54 J	0.36 U
2-Methylphenol	0.33	500	0.33	ND	0.13 U	0.13 U	0.24 U	0.7 U
2-Nitroaniline	NS	NS	NS	ND	0.11 U	0.11 U	0.21 U	0.96 U
2-Nitrophenol	NS	NS	NS	ND	0.12 U	0.13 U	0.23 U	1 U
3,3'-Dichlorobenzidine	NS	NS	NS	ND	0.1 U	0.11 U	0.2 U	0.48 U
3-Methylphenol/4-Methylphenol	0.33	500	0.33	ND-0.065	0.13 U	0.13 U	0.24 U	0.72 U
3-Nitroaniline	NS	NS	NS	ND	0.11 U	0.11 U	0.2 U	0.67 U
4,6-Dinitro-o-cresol	NS	NS	NS	ND	0.14 U	0.15 U	0.27 U	1.4 U
4-Bromophenyl phenyl ether	NS	NS	NS	ND	0.092 U	0.093 U	0.17 U	0.43 U
4-Chloroaniline	NS	NS	NS	ND	0.1 U	0.11 U	0.19 U	0.84 U
4-Chlorophenyl phenyl ether	NS	NS	NS	ND	0.12 U	0.12 U	0.22 U	0.36 U
4-Nitroaniline	NS	NS	NS	ND	0.11 U	0.11 U	0.2 U	0.83 U
4-Nitrophenol	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	1.1 U
Acenaphthene	20	500	98	ND-5.1	0.15 J	0.35	2.4	0.28 U
Acenaphthylene	100	500	107	ND-0.79	0.2 J	0.31 J	0.31 J	0.37 U
Acetophenone	NS	NS	NS	ND	0.12 U	0.12 U	0.23 U	0.43 U
Anthracene	100	500	1,000	ND-14	0.4	0.93	4.5	0.2 U
Benzo(a)anthracene	1	5.6	1	ND-41	0.91	**2.1**	**8.6**	0.32 U
Benzo(a)pyrene	1	1	22	ND-31	0.9	**2**	**7.1**	0.66 U
Benzo(b)fluoranthene	1	5.6	1.7	ND-100	**1.2**	**2.6**	**9.5**	0.37 U
Benzo(ghi)perylene	100	500	1,000	ND-8	0.56	1.1	3.8	0.57 U
Benzo(k)fluoranthene	0.8	56	1.7	ND-36	0.47	**1.1**	**3.8**	0.3 U
Benzoic Acid	NS	NS	NS	ND	0.4 U	0.41 U	0.75 U	1 U
Benzyl Alcohol	NS	NS	NS	ND	0.12 U	0.12 U	0.23 U	0.68 U
Biphenyl	NS	NS	NS	ND	0.13 U	0.13 U	0.24 U	0.24 U
Bis(2-chloroethoxy)methane	NS	NS	NS	ND	0.12 U	0.12 U	0.22 U	0.6 U
Bis(2-chloroethyl)ether	NS	NS	NS	ND	0.11 U	0.11 U	0.21 U	0.41 U
Bis(2-chloroisopropyl)ether	NS	NS	NS	ND	0.14 U	0.14 U	0.26 U	0.6 U
Bis(2-Ethylhexyl)phthalate	NS	NS	NS	ND-5.5	0.1 U	0.14 J	0.19 U	0.93 U
Butyl benzyl phthalate	NS	NS	NS	ND-0.39	0.078 U	0.079 U	0.14 U	1.1 U
Carbazole	NS	NS	NS	ND-10	0.17 J	0.35 J	2.1	0.37 U
Chrysene	1	56	1	ND-48	1	**2.2**	**9.2**	0.3 U
Di-n-butylphthalate	NS	NS	NS	ND-0.15	0.077 U	0.078 U	0.14 U	0.44 U
Di-n-octylphthalate	NS	NS	NS	ND-0.16	0.098 U	0.099 U	0.18 U	0.22 U
Dibenzo(a,h)anthracene	0.33	0.56	1,000	ND-5.2	0.17 J	0.32	**1.1**	0.39 U
Dibenzofuran	7	350	210	ND-0.76	0.16 J	0.26 J	1	0.33 U
Diethyl phthalate	NS	NS	NS	ND-0.71	0.084 U	0.085 U	0.16 U	0.77 U
Dimethyl phthalate	NS	NS	NS	ND	0.1 U	0.1 U	0.19 U	1.2 U
Fluoranthene	100	500	1,000	ND-89	1.8	3.9	19	0.4 U
Fluorene	30	500	386	ND-5.8	0.19 J	0.35 J	2.1	0.32 U
Hexachlorobenzene	0.33	6	3.2	ND	0.074 U	0.075 U	0.14 U	0.4 U
Hexachlorobutadiene	NS	NS	NS	ND	0.11 U	0.11 U	0.21 U	0.42 U
Hexachlorocyclopentadiene	NS	NS	NS	ND	0.26 U	0.26 U	0.47 U	0.58 U
Hexachloroethane	NS	NS	NS	ND	0.072 U	0.074 U	0.13 U	0.3 U
Indeno(1,2,3-cd)Pyrene	0.5	5.6	8.2	ND-10	**0.57**	**1.3**	4.2	0.43 U
Isophorone	NS	NS	NS	ND-0.28	0.1 U	0.11 U	0.2 U	0.79 U
n-Nitrosodi-n-propylamine	NS	NS	NS	ND-0.82	0.12 U	0.12 U	0.22 U	0.33 U
Naphthalene	12	500	12	ND-1.3	0.52	0.65	0.7 J	0.4 U
Nitrobenzene	NS	NS	NS	ND	0.095 U	0.096 U	0.18 U	0.34 U
NitrosoDiPhenylAmine(NDPA)/DPA	NS	NS	NS	ND-1.9	0.084 U	0.085 U	0.15 U	0.64 U
P-Chloro-M-Cresol	NS	NS	NS	ND	0.12 U	0.12 U	0.21 U	0.54 U
Pentachlorophenol	0.8	6.7	0.8	ND-0.11	0.085 U	0.086 U	0.16 U	3.2 U
Phenanthrene	100	500	1,000	ND-49	1	2.4	14	0.23 U
Phenol	0.33	500	0.33	ND	0.12 U	0.12 U	0.22 U	0.27 U
Pyrene	100	500	1,000	ND-100	1.7	3.4	15	0.52 U

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-101-C L1524941-03 10/2/2015 1/2*	SP-102-C L1524941-07 10/2/2015 1/2*	SP-103-C L1524941-10 10/2/2015 1/2*	SP-104-C L1524941-14 10/2/2015 1/2*	SP-105-C L1524941-17 10/2/2015 1/2*
Aluminum, Total	**NS**	**NS**	**NS**	**1,000-9,920**	5,900	4,600	5,000	5,600	4,800
Antimony, Total	**NS**	**NS**	**NS**	**ND-41.7**	1.4 J	1.4 J	3.1 J	2.2 J	1.9 J
Arsenic, Total	**13**	**16**	**16**	**5.4-307**	**16**	**14**	**40**	**29**	**26**
Barium, Total	**350**	**400**	**820**	**ND-232**	44	50	61	71	55
Beryllium, Total	**7.2**	**590**	**47**	**0.32-8.45**	0.3 J	0.3 J	0.31 J	0.33 J	0.32 J
Cadmium, Total	**2.5**	**9.3**	**7.5**	**ND-7.1**	0.07 U	0.07 U	0.38 J	0.06 U	0.06 U
Calcium, Total	**NS**	**NS**	**NS**	**97.6-37,200**	5,100	5,000	11,000	11,000	13,000
Chromium, Total	**NS**	**NS**	**NS**	**ND-133**	30	42	21	25	24
Cobalt, Total	**NS**	**NS**	**NS**	**ND-24.1**	23	26	14	13	16
Copper, Total	**50**	**270**	**1,720**	**33.3-653**	32	**55**	**2,600**	**80**	**68**
Iron, Total	**NS**	**NS**	**NS**	**3,620-120,000**	22,000	22,000	20,000	22,000	19,000
Lead, Total	**63**	**1,000**	**450**	**ND-729**	51	47	**170**	**140**	**100**
Magnesium, Total	**NS**	**NS**	**NS**	**506-53,000**	34,000	34,000	18,000	18,000	24,000
Manganese, Total	**1,600**	**10,000**	**2,000**	**17.9-1,060**	350	230	280	310	280
Mercury, Total	**0.18**	**2.8**	**0.73**	**ND-0.57**	**0.32**	**0.22**	**0.39**	**0.31**	**0.31**
Nickel, Total	**30**	**310**	**130**	**20.7-464**	**420**	**540**	**260**	**200**	**250**
Potassium, Total	**NS**	**NS**	**NS**	**186-2,250**	2,100	670	900	1,000	1,000
Selenium, Total	**3.9**	**1,500**	**4**	**ND-3.4**	0.3 U	0.28 U	0.28 U	0.27 U	0.27 U
Silver, Total	**2**	**1,500**	**8.3**	**ND**	0.2 U	0.18 U	0.18 U	0.18 U	0.18 U
Sodium, Total	**NS**	**NS**	**NS**	**169-1,430**	770	950	660	820	920
Thallium, Total	**NS**	**NS**	**NS**	**ND**	0.39 U	0.37 U	0.37 U	0.36 U	0.36 U
Vanadium, Total	**NS**	**NS**	**NS**	**ND-79**	19	20	23	24	20
Zinc, Total	**109**	**10,000**	**2,480**	**32.7-736**	60	86	**740**	**140**	**120**

Dilution factor varies

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-106-C L1524941-22 10/2/2015 1/2* 	SP-107-C L1524941-25 10/2/2015 1/2* 	SP-DUP L1524941-18 10/2/2015 1/2* 	FB L1524941-27 10/2/2015 1 µg/L
Aluminum, Total	**NS**	**NS**	**NS**	**1,000-9,920**	4,900	6,500	4,800	20 U
Antimony, Total	**NS**	**NS**	**NS**	**ND-41.7**	3.1 J	2.2 J	2.7 J	8 U
Arsenic, Total	**13**	**16**	**16**	**5.4-307**	**51**	**30**	**68**	2 U
Barium, Total	**350**	**400**	**820**	**ND-232**	69	60	52	3 U
Beryllium, Total	**7.2**	**590**	**47**	**0.32-8.45**	0.34 J	0.31 J	0.28 J	1 U
Cadmium, Total	**2.5**	**9.3**	**7.5**	**ND-7.1**	2.6	0.07 U	0.06 U	0.7 U
Calcium, Total	**NS**	**NS**	**NS**	**97.6-37,200**	13,000	35,000	19,000	46 J
Chromium, Total	**NS**	**NS**	**NS**	**ND-133**	28	30	21	2 U
Cobalt, Total	**NS**	**NS**	**NS**	**ND-24.1**	19	18	16	5 U
Copper, Total	**50**	**270**	**1,720**	**33.3-653**	**5,200**	**78**	**69**	5.7 J
Iron, Total	**NS**	**NS**	**NS**	**3,620-120,000**	27,000	22,000	25,000	20 U
Lead, Total	**63**	**1,000**	**450**	**ND-729**	**160**	**140**	**88**	2 U
Magnesium, Total	**NS**	**NS**	**NS**	**506-53,000**	33,000	44,000	30,000	10 U
Manganese, Total	**1,600**	**10,000**	**2,000**	**17.9-1,060**	370	360	300	2 U
Mercury, Total	**0.18**	**2.8**	**0.73**	**ND-0.57**	**0.35**	**0.57**	**0.33**	0.06 U
Nickel, Total	**30**	**310**	**130**	**20.7-464**	**360**	**300**	**260**	4 U
Potassium, Total	**NS**	**NS**	**NS**	**186-2,250**	890	1,000	1,300	400 U
Selenium, Total	**3.9**	**1,500**	**4**	**ND-3.4**	0.28 U	0.29 U	0.26 U	3 U
Silver, Total	**2**	**1,500**	**8.3**	**ND**	0.19 U	0.19 U	0.18 U	2 U
Sodium, Total	**NS**	**NS**	**NS**	**169-1,430**	830	870	750	300 U
Thallium, Total	**NS**	**NS**	**NS**	**ND**	0.38 U	0.39 U	0.35 U	4 U
Vanadium, Total	**NS**	**NS**	**NS**	**ND-79**	24	20	19	1 U
Zinc, Total	**109**	**10,000**	**2,480**	**32.7-736**	**1,700**	**120**	100	7 U

Dilution factor varies

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled PCBs - mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-101-C L1524941-03 10/2/2015	SP-102-C L1524941-07 10/2/2015	SP-103-C L1524941-10 10/2/2015	SP-104-C L1524941-14 10/2/2015	SP-105-C L1524941-17 10/2/2015
Aroclor 1016	NS	NS	NS	ND	0.00311 U	0.00304 U	0.003 U	0.0029 U	0.00299 U
Aroclor 1221	NS	NS	NS	ND	0.00363 U	0.00354 U	0.00351 U	0.00338 U	0.00349 U
Aroclor 1232	NS	NS	NS	ND	0.00461 U	0.00451 U	0.00446 U	0.0043 U	0.00444 U
Aroclor 1242	NS	NS	NS	ND	0.00482 U	0.00471 U	0.00466 U	0.00449 U	0.00463 U
Aroclor 1248	NS	NS	NS	ND-0.24	0.00332 U	0.00324 U	0.00321 U	0.0031 U	0.0032 U
Aroclor 1254	NS	NS	NS	ND	0.0142 J	0.0217 J	0.0356 J	0.0283 J	0.0202 J
Aroclor 1260	NS	NS	NS	ND	0.003 U	0.00293 U	0.0029 U	0.0122 J	0.00829 J
Aroclor 1262	NS	NS	NS	ND	0.00195 U	0.00191 U	0.00189 U	0.00182 U	0.00188 U
Aroclor 1268	NS	NS	NS	ND	0.00571 U	0.00558 U	0.00552 U	0.0117 J	0.00829 J
PCBs, Total	0.1	1	3.2	ND-0.24	0.0142 J	0.0217 J	0.0356 J	0.0522 J	0.0368 J
Pesticides - mg/kg	**mg/kg**	**mg/kg**	**mg/kg**						
4,4'-DDD	0.0033	92	14	ND-0.061	**0.0035**	**0.0149**	**0.0132**	0.000616 U	**0.00934**
4,4'-DDE	0.0033	62	17	ND-0.042	0.000452 U	**0.00678**	**0.00675**	**0.0085**	**0.00575**
4,4'-DDT	0.0033	47	136	ND-0.096	**0.0042**	**0.00338**	**0.00513**	0.0033	0.00146 U
Aldrin	0.005	0.68	0.19	ND	0.000688 U	0.000632 U	0.00063 U	0.000608 U	0.00064 U
Alpha-BHC	0.02	3.4	0.02	ND	0.000231 U	0.000212 U	0.000212 U	0.000204 U	0.000215 U
Beta-BHC	0.036	3	0.09	ND	0.000741 U	0.00068 U	0.000678 U	0.000655 U	0.000689 U
Chlordane	NS	NS	NS	ND	0.0362	0.0633	0.114	0.136	0.0398
cis-Chlordane	0.094	24	2.9	ND	0.00244	0.00462	0.00462	0.0051	0.00258
Delta-BHC	0.04	500	0.25	ND	0.000382 U	0.000351 U	0.00126 J	0.00136 J	0.000356 U
Dieldrin	0.005	1.4	0.1	ND	0.00061 U	0.000561 U	0.000559 U	0.00054 U	0.000568 U
Endosulfan I	2.4 TS	200* TS	102	ND	0.000462 U	0.000424 U	0.000422 U	0.000408 U	0.000429 U
Endosulfan II	2.4 TS	200* TS	102	ND-0.033	0.000653 U	0.0006 U	0.000598 U	0.000577 U	0.000607 U
Endosulfan sulfate	2.4 TS	200* TS	1000	ND-0.069	0.000387 U	0.000356 U	0.000355 U	0.000343 U	0.00036 U
Endrin	0.014	89	0.06	ND	0.000334 U	0.000306 U	0.00158	0.00312	0.000719 J
Endrin ketone	NS	NS	NS	ND	0.000503 U	0.00808	0.00713	0.000445 U	0.00574
Heptachlor	0.042	15	0.38	ND-0.061	0.000438 U	0.000402 U	0.000401 U	0.000387 U	0.000407 U
Heptachlor epoxide	NS	NS	NS	ND	0.0011 U	0.00101 U	0.00101 U	0.000972 U	0.00102 U
Lindane	0.1	9.2	0.1	ND	0.000364 U	0.000334 U	0.000333 U	0.000322 U	0.000338 U
Methoxychlor	NS	NS	NS	ND	0.00114 U	0.00105 U	0.00104 U	0.00101 U	0.00106 U
Toxaphene	NS	NS	NS	ND	0.0102 U	0.00942 U	0.00939 U	0.00907 U	0.00954 U
trans-Chlordane	NS	NS	NS	ND	0.000645 U	0.00243	0.00414	0.00405	0.00257

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled PCBs - mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Commercial SCO mg/kg	NYSDEC Part 375 Groundwater SCO mg/kg	SITE BACK-GROUND RANGES	SP-106-C L1524941-22 10/2/2015	SP-107-C L1524941-25 10/2/2015	SP-DUP L1524941-18 10/2/2015	FB L1524941-27 10/2/2015 µg/L
Aroclor 1016	NS	NS	NS	ND	0.00308 U	0.00308 U	0.00281 U	0.055 U
Aroclor 1221	NS	NS	NS	ND	0.00359 U	0.0036 U	0.00328 U	0.053 U
Aroclor 1232	NS	NS	NS	ND	0.00456 U	0.00457 U	0.00417 U	0.031 U
Aroclor 1242	NS	NS	NS	ND	0.00477 U	0.00477 U	0.00436 U	0.06 U
Aroclor 1248	NS	NS	NS	ND-0.24	0.00329 U	0.00329 U	0.00301 U	0.051 U
Aroclor 1254	NS	NS	NS	ND	0.0274 J	0.0354 J	0.0344 J	0.034 U
Aroclor 1260	NS	NS	NS	ND	0.0136 J	0.0184 J	0.0144 J	0.032 U
Aroclor 1262	NS	NS	NS	ND	0.00193 U	0.00193 U	0.00177 U	0.029 U
Aroclor 1268	NS	NS	NS	ND	0.0147 J	0.0115 J	0.0107 J	0.038 U
PCBs, Total	0.1	1	3.2	ND-0.24	0.0557 J	0.0653 J	0.0595 J	0.029 U

Pesticides - mg/kg	mg/kg	mg/kg	mg/kg					
4,4'-DDD	0.0033	92	14	ND-0.061	0.00065 U	0.000687 U	0.000608 U	0.005 U
4,4'-DDE	0.0033	62	17	ND-0.042	**0.00658**	**0.00668**	**0.00766**	0.004 U
4,4'-DDT	0.0033	47	136	ND-0.096	**0.00594**	0.003 J	**0.00333**	0.004 U
Aldrin	0.005	0.68	0.19	ND	0.000642 U	0.000678 U	0.0006 U	0.002 U
Alpha-BHC	0.02	3.4	0.02	ND	0.000216 U	0.000228 U	0.000202 U	0.004 U
Beta-BHC	0.036	3	0.09	ND	0.000691 U	0.000731 U	0.000646 U	0.006 U
Chlordane	NS	NS	NS	ND	0.0527	0.0716	0.102	0.046 U
cis-Chlordane	0.094	24	2.9	ND	0.00353	0.000671 U	0.000594 U	0.007 U
Delta-BHC	0.04	500	0.25	ND	0.000357 U	0.00074 J	0.00103 J	0.005 U
Dieldrin	0.005	1.4	0.1	ND	0.00057 U	0.000602 U	0.000532 U	0.004 U
Endosulfan I	2.4 TS	200* TS	102	ND	0.000431 U	0.000455 U	0.000403 U	0.003 U
Endosulfan II	2.4 TS	200* TS	102	ND-0.033	0.000609 U	0.000644 U	0.000569 U	0.005 U
Endosulfan sulfate	2.4 TS	200* TS	1000	ND-0.069	0.000362 U	0.000382 U	0.000338 U	0.005 U
Endrin	0.014	89	0.06	ND	0.000312 U	0.00207	0.00624	0.004 U
Endrin ketone	NS	NS	NS	ND	0.00634	0.000496 U	0.000439 U	0.005 U
Heptachlor	0.042	15	0.38	ND-0.061	0.000409 U	0.000432 U	0.000382 U	0.003 U
Heptachlor epoxide	NS	NS	NS	ND	0.00102 U	0.00108 U	0.000959 U	0.004 U
Lindane	0.1	9.2	0.1	ND	0.00034 U	0.000359 U	0.000317 U	0.004 U
Methoxychlor	NS	NS	NS	ND	0.00106 U	0.00112 U	0.000994 U	0.007 U
Toxaphene	NS	NS	NS	ND	0.00957 U	0.0101 U	0.00895 U	0.063 U
trans-Chlordane	NS	NS	NS	ND	0.0037	0.00414	0.0068	0.006 U

Tables 1-4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

ND : No Detect

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

B : The analyte was detected in a trip or field blank.

SOIL

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

µg/L : micrograms per Liter = parts per billion (ppb)

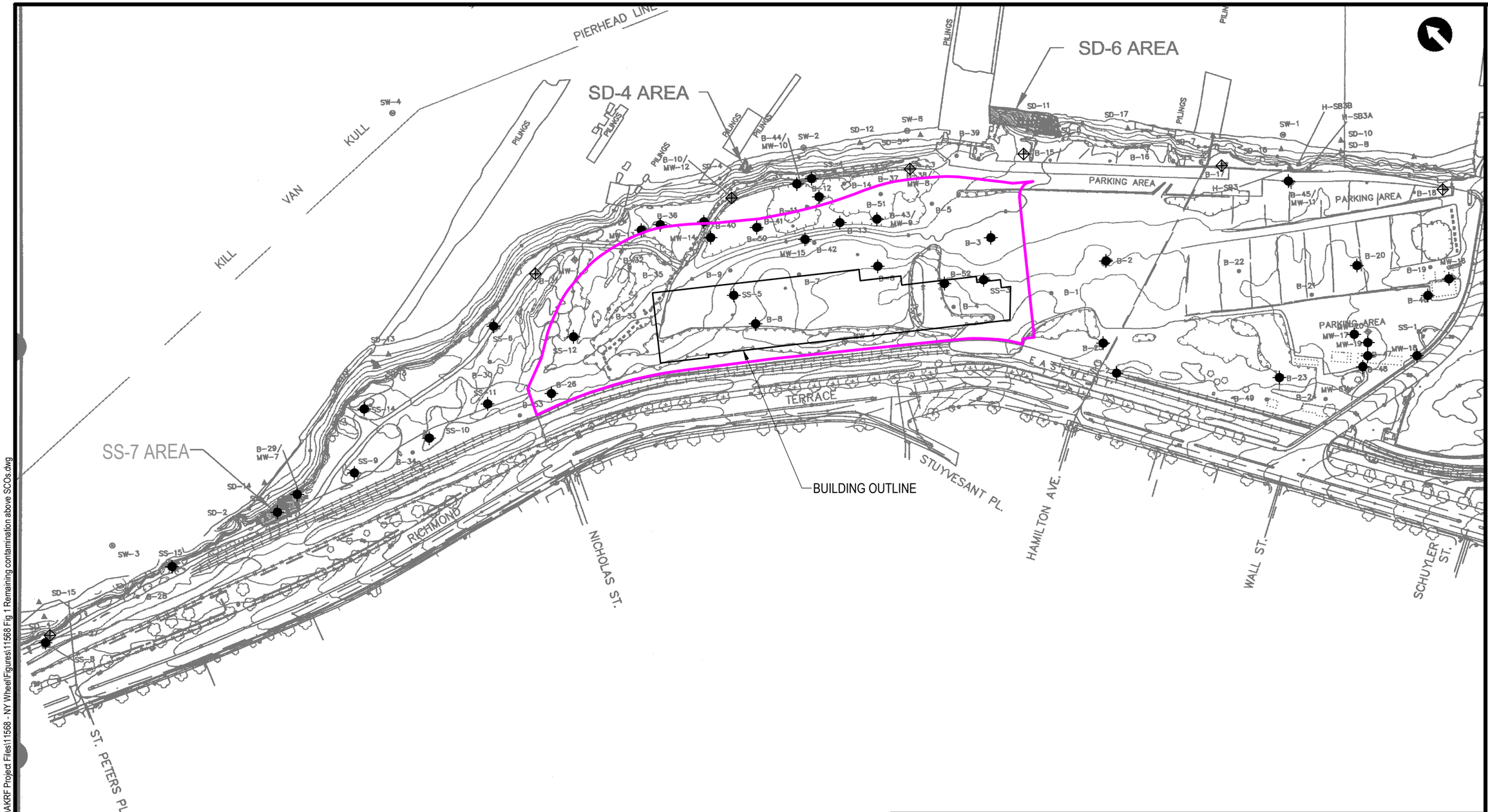
mg/kg : milligrams per kilogram = parts per million (ppm)

Exceedences for Part 375 Unrestricted SCOs are highlighted in bold.
Exceedences for Part 375 Commercial SCOs are highlighted with a dot pattern.
Exceedences for Part 375 Groundwater Protection SCOs are shaded in gray.

Site Background Ranges : Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences for site background ranges are highlighted by a border.

FIGURE



0' 100' 200' 400'

SCALE IN FEET

LEGEND:

- Soil Sample exceeding SSSCOs (lower of 6NYCRR Subpart 375 Commercial SCOs & Protection of Groundwater SCOs) for VOCs, SVOCs, and/or Metals.
- Soil Sample below SSSCOs.
- Site Boundary

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

St. George Waterfront Redevelopment
Staten Island, □e□ Yor□

LOCATION OF REMAINING CONTAMINATION ABOVE SITE SPECIFIC SCOS (SSSCOs)

DATE
11.19.2014

PROJECT NO.
11568

SCALE
as shown

FIGURE
1

©2014 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\11568 - NY Wheel\Figures\11568 Fig 1 Remaining contamination above SCOs.dwg

ATTACHMENT A
LABORATORY ANALYTICAL DATA

ANALYTICAL REPORT

Lab Number:	L1524941
Client:	AKRF, Inc. 440 Park Avenue South 7th Floor New York, NY 10016
ATTN:	Ashutosh Sharma
Phone:	(646) 388-9865
Project Name:	THE NEW YORK WHEEL LLC
Project Number:	80305
Report Date:	10/12/15

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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: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524941-01	SP-101-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:40	10/02/15
L1524941-02	SP-101-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:45	10/02/15
L1524941-03	SP-101-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:00	10/02/15
L1524941-04	SP-102-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:50	10/02/15
L1524941-05	SP-102-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:50	10/02/15
L1524941-06	SP-102-C-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:30	10/02/15
L1524941-07	SP-102-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:05	10/02/15
L1524941-08	SP-103-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:55	10/02/15
L1524941-09	SP-103-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:55	10/02/15
L1524941-10	SP-103-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:10	10/02/15
L1524941-11	SP-104-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:00	10/02/15
L1524941-12	SP-104-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:15	10/02/15
L1524941-13	SP-104-C-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:20	10/02/15
L1524941-14	SP-104-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:15	10/02/15
L1524941-15	SP-105-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:25	10/02/15
L1524941-16	SP-105-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:30	10/02/15
L1524941-17	SP-105-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:30	10/02/15
L1524941-18	SP-DUP	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:40	10/02/15
L1524941-19	SP-106-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:15	10/02/15
L1524941-20	SP-106-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:15	10/02/15
L1524941-21	SP-106-C-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 09:45	10/02/15
L1524941-22	SP-106-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:40	10/02/15
L1524941-23	SP-107-A-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:20	10/02/15
L1524941-24	SP-107-B-G	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 10:20	10/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524941-25	SP-107-C	SOIL	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:45	10/02/15
L1524941-26	TB	WATER	1 BANK ST., STATEN ISLAND, NY	10/02/15 00:00	10/02/15
L1524941-27	FB	WATER	1 BANK ST., STATEN ISLAND, NY	10/02/15 11:30	10/02/15

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941
Project Number: 80305 **Report Date:** 10/12/15

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: THE NEW YORK WHEEL LLC **Lab Number:** L1524941
Project Number: 80305 **Report Date:** 10/12/15

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.

Semivolatile Organics
L1524941-07, -14, -17, -22, and -25: The sample has elevated detection limits due to the dilution required by the sample matrix.
The WG828450-2/-3 LCS/LCSD recoveries, associated with L1524941-07, -14, -17, -18, -22 and -25, are below the acceptance criteria for benzoic acid (2%/6%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.
The WG829024-4/-5 MS/MSD recoveries, performed on L1524941-10, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/4%), hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds falling below the reported detection limit.
The WG829024-5 MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for fluoranthene (0%), benzo(a)anthracene (0%), benzo(a)pyrene (0%), benzo(b)fluoranthene (0%), chrysene (0%), phenanthrene (0%) and pyrene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Metals
L1524941-03, -07, -10, -14, -17, -18, -22, and -25: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
The WG828108-1 Method Blank, associated with L1524941-03, -07, -10, -14, -17, -18, -22 and -25, has a concentration above the reporting limit for Iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.
The WG828170-1 Method Blank, associated with L1524941-27, has a concentration above the reporting limit for Iron. Since the sample was non-detect for this target analyte, no further actions were taken. The results of the original analysis are reported.

Project Name:	THE NEW YORK WHEEL LLC	**Lab Number:**	L1524941
Project Number:	80305	**Report Date:**	10/12/15

Case Narrative (continued)

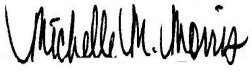
The WG828108-3/-4 MS/MSD recoveries for aluminum (433%/434%), calcium (216%/0%), copper (0%/0%), iron (1080%/1080%), magnesium (866%/217%), manganese (MS at 130%), and nickel (65%/65%), performed on L1524941-10, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG828108-3/-4 MS/MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for arsenic (45%/72%), lead (MS at 0%), thallium (MSD at 71%) and zinc (0%/0%). A post digestion spike was performed and was within acceptance criteria.

The WG828108-3/-4 MS/MSD RPDs for lead (21%) and magnesium (26%), performed on L1524941-10, are above the acceptance criteria.

The WG828117-3/-4 MS/MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for mercury (188%/164%). A post digestion spike was performed and was within 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: 10/12/15

ORGANICS

VOLATILES

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-01
Client ID: SP-101-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 20:11
Analyst: MV
Percent Solids: 83%

Date Collected: 10/02/15 09:40
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	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	ND		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	0.14	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
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.6	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	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	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.42	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	6.6	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-01 Date Collected: 10/02/15 09:40

Client ID: SP-101-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
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	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
Xylenes, Total	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
1,2-Dichloroethene, Total	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	ND		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	0.88	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	5.2	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	0.27	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	6.6	0.18	1
o-Chlorotoluene	ND		ug/kg	6.6	0.21	1
p-Chlorotoluene	ND		ug/kg	6.6	0.17	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	ND		ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.19	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-01 Date Collected: 10/02/15 09:40

Client ID: SP-101-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.18	1
1,4-Dioxane	ND		ug/kg	130	19.	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	6.6	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	113		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-02
Client ID: SP-101-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 14:58
Analyst: BN
Percent Solids: 83%

Date Collected: 10/02/15 09:45
Date Received: 10/02/15
Field Prep: Not Specified

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	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	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	2.1	0.43	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
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.17	1
1,1-Dichloropropene	ND		ug/kg	7.2	0.20	1
Bromoform	ND		ug/kg	5.7	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	2.1	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	0.48	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.2	0.22	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-02 Date Collected: 10/02/15 09:45

Client ID: SP-101-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.19	1
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	0.24	1
Xylenes, Total	ND		ug/kg	2.9	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.9	0.58	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	ND		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	0.95	1
Bromochloromethane	ND		ug/kg	7.2	0.39	1
2,2-Dichloropropane	ND		ug/kg	7.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.7	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	0.17	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	ND		ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	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	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-02 Date Collected: 10/02/15 09:45

Client ID: SP-101-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.20	1
1,4-Dioxane	ND		ug/kg	140	21.	1
p-Diethylbenzene	ND		ug/kg	5.7	0.23	1
p-Ethyltoluene	ND		ug/kg	5.7	0.18	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.7	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	104		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-04
Client ID: SP-102-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 15:25
Analyst: BN
Percent Solids: 85%

Date Collected: 10/02/15 09:50
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	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	ND		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	0.14	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
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.15	1
1,1-Dichloropropene	ND		ug/kg	6.6	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	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	2.6	0.44	1
Vinyl chloride	ND		ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.42	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	6.6	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-04 Date Collected: 10/02/15 09:50

Client ID: SP-102-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
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	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.22	1
Xylenes, Total	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
1,2-Dichloroethene, Total	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	ND		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	0.88	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	5.2	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	0.27	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	6.6	0.18	1
o-Chlorotoluene	ND		ug/kg	6.6	0.21	1
p-Chlorotoluene	ND		ug/kg	6.6	0.17	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	ND		ug/kg	6.6	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	0.19	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-04 Date Collected: 10/02/15 09:50

Client ID: SP-102-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.18	1
1,4-Dioxane	ND		ug/kg	130	19.	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	6.6	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.6	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	104		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-05
Client ID: SP-102-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 15:51
Analyst: BN
Percent Solids: 87%

Date Collected: 10/02/15 09:50
Date Received: 10/02/15
Field Prep: Not Specified

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	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.59	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.6	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.56	1
Trichlorofluoromethane	ND		ug/kg	8.0	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.19	1
1,1-Dichloropropene	ND		ug/kg	8.0	0.23	1
Bromoform	ND		ug/kg	6.4	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	8.0	0.47	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.0	0.24	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-05 Date Collected: 10/02/15 09:50

Client ID: SP-102-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.0	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.14	1
p/m-Xylene	ND		ug/kg	3.2	0.32	1
o-Xylene	ND		ug/kg	3.2	0.28	1
Xylenes, Total	ND		ug/kg	3.2	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.23	1
Dibromomethane	ND		ug/kg	16	0.26	1
Styrene	ND		ug/kg	3.2	0.64	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	ND		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.44	1
Vinyl acetate	ND		ug/kg	16	0.21	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.26	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.0	0.44	1
2,2-Dichloropropane	ND		ug/kg	8.0	0.36	1
1,2-Dibromoethane	ND		ug/kg	6.4	0.28	1
1,3-Dichloropropane	ND		ug/kg	8.0	0.23	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.51	1
Bromobenzene	ND		ug/kg	8.0	0.33	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.0	0.22	1
o-Chlorotoluene	ND		ug/kg	8.0	0.26	1
p-Chlorotoluene	ND		ug/kg	8.0	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.0	0.63	1
Hexachlorobutadiene	ND		ug/kg	8.0	0.36	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	8.0	0.22	1
Acrylonitrile	ND		ug/kg	16	0.82	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.0	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.0	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.0	0.23	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-05 Date Collected: 10/02/15 09:50

Client ID: SP-102-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.0	0.23	1
1,4-Dioxane	ND		ug/kg	160	23.	1
p-Diethylbenzene	ND		ug/kg	6.4	0.26	1
p-Ethyltoluene	ND		ug/kg	6.4	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.4	0.21	1
Ethyl ether	ND		ug/kg	8.0	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-06
Client ID: SP-102-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 16:17
Analyst: BN
Percent Solids: 83%

Date Collected: 10/02/15 09:30
Date Received: 10/02/15
Field Prep: Not Specified

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
1,3-Dichloropropene, Total	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	0.48	1
Vinyl chloride	ND		ug/kg	2.9	0.17	1
Chloroethane	ND		ug/kg	2.9	0.45	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-06 Date Collected: 10/02/15 09:30

Client ID: SP-102-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.2	0.19	1
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
Xylenes, Total	ND		ug/kg	2.9	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	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	ND		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	ND		ug/kg	7.2	0.20	1
Acrylonitrile	ND		ug/kg	14	0.74	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-06 Date Collected: 10/02/15 09:30

Client ID: SP-102-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.2	0.20	1
1,4-Dioxane	ND		ug/kg	140	21.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-08
Client ID: SP-103-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 16:43
Analyst: BN
Percent Solids: 79%

Date Collected: 10/02/15 09:55
Date Received: 10/02/15
Field Prep: Not Specified

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	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	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	0.24	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
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.20	1
Bromoform	ND		ug/kg	5.6	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	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.48	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	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.22	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-08 Date Collected: 10/02/15 09:55

Client ID: SP-103-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
Xylenes, Total	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	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	0.27	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	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	0.23	1
2-Hexanone	ND		ug/kg	14	0.94	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.0	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	7.0	0.19	1
o-Chlorotoluene	ND		ug/kg	7.0	0.22	1
p-Chlorotoluene	ND		ug/kg	7.0	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.32	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-08 Date Collected: 10/02/15 09:55

Client ID: SP-103-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.6	0.22	1
p-Ethyltoluene	ND		ug/kg	5.6	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.6	0.18	1
Ethyl ether	ND		ug/kg	7.0	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	108		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-09
Client ID: SP-103-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/09/15 18:02
Analyst: BN
Percent Solids: 87%

Date Collected: 10/02/15 09:55
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	19	2.0	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.16	1
Chloroform	ND		ug/kg	2.8	0.69	1
Carbon tetrachloride	ND		ug/kg	1.9	0.39	1
1,2-Dichloropropane	ND		ug/kg	6.5	0.42	1
Dibromochloromethane	ND		ug/kg	1.9	0.29	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.57	1
Tetrachloroethene	ND		ug/kg	1.9	0.26	1
Chlorobenzene	ND		ug/kg	1.9	0.65	1
Trichlorofluoromethane	ND		ug/kg	9.3	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	1.9	0.21	1
Bromodichloromethane	ND		ug/kg	1.9	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.9	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	1.9	0.22	1
1,1-Dichloropropene	ND		ug/kg	9.3	0.26	1
Bromoform	ND		ug/kg	7.4	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	0.19	1
Benzene	ND		ug/kg	1.9	0.22	1
Toluene	ND		ug/kg	2.8	0.36	1
Ethylbenzene	ND		ug/kg	1.9	0.24	1
Chloromethane	ND		ug/kg	9.3	0.55	1
Bromomethane	ND		ug/kg	3.7	0.63	1
Vinyl chloride	ND		ug/kg	3.7	0.22	1
Chloroethane	ND		ug/kg	3.7	0.59	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.49	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.39	1
Trichloroethene	ND		ug/kg	1.9	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	9.3	0.28	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-09 Date Collected: 10/02/15 09:55

Client ID: SP-103-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	9.3	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	9.3	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.16	1
p/m-Xylene	ND		ug/kg	3.7	0.37	1
o-Xylene	ND		ug/kg	3.7	0.32	1
Xylenes, Total	ND		ug/kg	3.7	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.9	0.26	1
Dibromomethane	ND		ug/kg	19	0.30	1
Styrene	ND		ug/kg	3.7	0.75	1
Dichlorodifluoromethane	ND		ug/kg	19	0.36	1
Acetone	ND		ug/kg	19	1.9	1
Carbon disulfide	ND		ug/kg	19	2.0	1
2-Butanone	ND		ug/kg	19	0.51	1
Vinyl acetate	ND		ug/kg	19	0.25	1
4-Methyl-2-pentanone	ND		ug/kg	19	0.45	1
1,2,3-Trichloropropane	ND		ug/kg	19	0.30	1
2-Hexanone	ND		ug/kg	19	1.2	1
Bromochloromethane	ND		ug/kg	9.3	0.51	1
2,2-Dichloropropane	ND		ug/kg	9.3	0.42	1
1,2-Dibromoethane	ND		ug/kg	7.4	0.32	1
1,3-Dichloropropane	ND		ug/kg	9.3	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.9	0.59	1
Bromobenzene	ND		ug/kg	9.3	0.39	1
n-Butylbenzene	ND		ug/kg	1.9	0.21	1
sec-Butylbenzene	ND		ug/kg	1.9	0.23	1
tert-Butylbenzene	ND		ug/kg	9.3	0.25	1
o-Chlorotoluene	ND		ug/kg	9.3	0.30	1
p-Chlorotoluene	ND		ug/kg	9.3	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.3	0.74	1
Hexachlorobutadiene	ND		ug/kg	9.3	0.42	1
Isopropylbenzene	ND		ug/kg	1.9	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.23	1
Naphthalene	ND		ug/kg	9.3	0.26	1
Acrylonitrile	ND		ug/kg	19	0.96	1
n-Propylbenzene	ND		ug/kg	1.9	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.3	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.3	0.34	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.3	0.27	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-09 Date Collected: 10/02/15 09:55

Client ID: SP-103-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	9.3	0.26	1
1,4-Dioxane	ND		ug/kg	190	27.	1
p-Diethylbenzene	ND		ug/kg	7.4	0.30	1
p-Ethyltoluene	ND		ug/kg	7.4	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.4	0.24	1
Ethyl ether	ND		ug/kg	9.3	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.3	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-11
Client ID: SP-104-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 15:22
Analyst: MV
Percent Solids: 80%

Date Collected: 10/02/15 10:00
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	2.0	1
1,1-Dichloroethane	ND		ug/kg	2.8	0.16	1
Chloroform	ND		ug/kg	2.8	0.68	1
Carbon tetrachloride	ND		ug/kg	1.8	0.38	1
1,2-Dichloropropane	ND		ug/kg	6.4	0.42	1
Dibromochloromethane	ND		ug/kg	1.8	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.8	0.56	1
Tetrachloroethene	ND		ug/kg	1.8	0.26	1
Chlorobenzene	ND		ug/kg	1.8	0.64	1
Trichlorofluoromethane	ND		ug/kg	9.2	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.20	1
Bromodichloromethane	ND		ug/kg	1.8	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.22	1
1,1-Dichloropropene	ND		ug/kg	9.2	0.26	1
Bromoform	ND		ug/kg	7.3	0.43	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.18	1
Benzene	ND		ug/kg	1.8	0.22	1
Toluene	ND		ug/kg	2.8	0.36	1
Ethylbenzene	ND		ug/kg	1.8	0.23	1
Chloromethane	ND		ug/kg	9.2	0.54	1
Bromomethane	ND		ug/kg	3.7	0.62	1
Vinyl chloride	ND		ug/kg	3.7	0.22	1
Chloroethane	ND		ug/kg	3.7	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.39	1
Trichloroethene	ND		ug/kg	1.8	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	9.2	0.28	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-11 Date Collected: 10/02/15 10:00

Client ID: SP-104-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	9.2	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	9.2	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.15	1
p/m-Xylene	ND		ug/kg	3.7	0.36	1
o-Xylene	ND		ug/kg	3.7	0.32	1
Xylenes, Total	ND		ug/kg	3.7	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.26	1
Dibromomethane	ND		ug/kg	18	0.30	1
Styrene	ND		ug/kg	3.7	0.74	1
Dichlorodifluoromethane	ND		ug/kg	18	0.35	1
Acetone	ND		ug/kg	18	1.9	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	ND		ug/kg	18	0.50	1
Vinyl acetate	ND		ug/kg	18	0.24	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.45	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.30	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	9.2	0.51	1
2,2-Dichloropropane	ND		ug/kg	9.2	0.41	1
1,2-Dibromoethane	ND		ug/kg	7.3	0.32	1
1,3-Dichloropropane	ND		ug/kg	9.2	0.27	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.58	1
Bromobenzene	ND		ug/kg	9.2	0.38	1
n-Butylbenzene	ND		ug/kg	1.8	0.21	1
sec-Butylbenzene	ND		ug/kg	1.8	0.22	1
tert-Butylbenzene	ND		ug/kg	9.2	0.25	1
o-Chlorotoluene	ND		ug/kg	9.2	0.29	1
p-Chlorotoluene	ND		ug/kg	9.2	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.2	0.73	1
Hexachlorobutadiene	ND		ug/kg	9.2	0.42	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.23	1
Naphthalene	ND		ug/kg	9.2	0.25	1
Acrylonitrile	ND		ug/kg	18	0.94	1
n-Propylbenzene	ND		ug/kg	1.8	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	9.2	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	9.2	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	9.2	0.26	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-11 Date Collected: 10/02/15 10:00

Client ID: SP-104-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	9.2	0.26	1
1,4-Dioxane	ND		ug/kg	180	26.	1
p-Diethylbenzene	ND		ug/kg	7.3	0.29	1
p-Ethyltoluene	ND		ug/kg	7.3	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.3	0.24	1
Ethyl ether	ND		ug/kg	9.2	0.48	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.2	0.72	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	108		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-12
Client ID: SP-104-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 15:49
Analyst: MV
Percent Solids: 84%

Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	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	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
1,3-Dichloropropene, Total	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	2.6	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	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.6	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-12 Date Collected: 10/02/15 10:15

Client ID: SP-104-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.6	0.18	1
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	ND		ug/kg	2.6	0.26	1
o-Xylene	ND		ug/kg	2.6	0.23	1
Xylenes, Total	ND		ug/kg	2.6	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
1,2-Dichloroethene, Total	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	ND		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	0.88	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
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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-12 Date Collected: 10/02/15 10:15

Client ID: SP-104-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.6	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	111		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-13
Client ID: SP-104-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 16:15
Analyst: MV
Percent Solids: 83%

Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	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	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.4	0.35	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.47	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.54	1
Trichlorofluoromethane	ND		ug/kg	7.8	0.60	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.17	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	1.6	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.8	0.22	1
Bromoform	ND		ug/kg	6.2	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.18	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.8	0.46	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	1.6	0.41	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.33	1
Trichloroethene	ND		ug/kg	1.6	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.8	0.24	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-13 Date Collected: 10/02/15 10:20

Client ID: SP-104-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.8	0.22	1
Methyl tert butyl ether	ND		ug/kg	3.1	0.13	1
p/m-Xylene	ND		ug/kg	3.1	0.31	1
o-Xylene	ND		ug/kg	3.1	0.27	1
Xylenes, Total	ND		ug/kg	3.1	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.6	0.22	1
Dibromomethane	ND		ug/kg	16	0.25	1
Styrene	ND		ug/kg	3.1	0.62	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	ND		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	ND		ug/kg	16	0.42	1
Vinyl acetate	ND		ug/kg	16	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.25	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.8	0.43	1
2,2-Dichloropropane	ND		ug/kg	7.8	0.35	1
1,2-Dibromoethane	ND		ug/kg	6.2	0.27	1
1,3-Dichloropropane	ND		ug/kg	7.8	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.49	1
Bromobenzene	ND		ug/kg	7.8	0.32	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.8	0.21	1
o-Chlorotoluene	ND		ug/kg	7.8	0.25	1
p-Chlorotoluene	ND		ug/kg	7.8	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.8	0.62	1
Hexachlorobutadiene	ND		ug/kg	7.8	0.35	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.19	1
Naphthalene	ND		ug/kg	7.8	0.22	1
Acrylonitrile	ND		ug/kg	16	0.80	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.8	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.8	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.8	0.22	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-13 Date Collected: 10/02/15 10:20

Client ID: SP-104-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.8	0.22	1
1,4-Dioxane	ND		ug/kg	160	22.	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	7.8	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.8	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-15
Client ID: SP-105-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 16:41
Analyst: MV
Percent Solids: 87%

Date Collected: 10/02/15 10:25
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	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	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	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	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
1,3-Dichloropropene, Total	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	0.34	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	6.4	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-15 Date Collected: 10/02/15 10:25

Client ID: SP-105-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
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
Xylenes, Total	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.18	1
1,2-Dichloroethene, Total	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	0.24	1
Acetone	ND		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	0.86	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	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.41	1
Bromobenzene	ND		ug/kg	6.4	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	6.4	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	ND		ug/kg	6.4	0.18	1
Acrylonitrile	ND		ug/kg	13	0.66	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-15 Date Collected: 10/02/15 10:25

Client ID: SP-105-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-16
Client ID: SP-105-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 17:07
Analyst: MV
Percent Solids: 84%

Date Collected: 10/02/15 10:30
Date Received: 10/02/15
Field Prep: Not Specified

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	ND		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
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.22	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	ND		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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-16 Date Collected: 10/02/15 10:30

Client ID: SP-105-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.20	1
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	ND		ug/kg	3.0	0.30	1
o-Xylene	ND		ug/kg	3.0	0.26	1
Xylenes, Total	ND		ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
1,2-Dichloroethene, Total	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	ND		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	0.21	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	ND		ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1
n-Propylbenzene	ND		ug/kg	1.5	0.17	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-16 Date Collected: 10/02/15 10:30

Client ID: SP-105-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.22	1
1,4-Dioxane	ND		ug/kg	150	22.	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	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.60	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	112		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18
Client ID: SP-DUP
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/11/15 11:34
Analyst: BN
Percent Solids: 89%

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified

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	ND		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
1,3-Dichloropropene, Total	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	ND		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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 Date Collected: 10/02/15 11:40

Client ID: SP-DUP Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.09	1
p/m-Xylene	ND		ug/kg	2.1	0.21	1
o-Xylene	ND		ug/kg	2.1	0.18	1
Xylenes, Total	ND		ug/kg	2.1	0.18	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15	1
1,2-Dichloroethene, Total	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	ND		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	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.13	1
Naphthalene	ND		ug/kg	5.3	0.15	1
Acrylonitrile	ND		ug/kg	10	0.54	1
n-Propylbenzene	ND		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	ND		ug/kg	5.3	0.15	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 Date Collected: 10/02/15 11:40

Client ID: SP-DUP Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.15	1
1,4-Dioxane	ND		ug/kg	100	15.	1
p-Diethylbenzene	ND		ug/kg	4.2	0.17	1
p-Ethyltoluene	ND		ug/kg	4.2	0.13	1
1,2,4,5-Tetramethylbenzene	ND		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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	105		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-19
Client ID: SP-106-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 18:00
Analyst: MV
Percent Solids: 87%

Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.42	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.13	1
Bromodichloromethane	ND		ug/kg	1.1	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.14	1
1,1-Dichloropropene	ND		ug/kg	5.7	0.16	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.12	1
Benzene	ND		ug/kg	1.1	0.14	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	5.7	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.13	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.7	0.18	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-19 Date Collected: 10/02/15 10:15

Client ID: SP-106-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.7	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.7	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
Xylenes, Total	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.19	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	11	0.22	1
Acetone	ND		ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.3	1
2-Butanone	ND		ug/kg	11	0.31	1
Vinyl acetate	ND		ug/kg	11	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.28	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.19	1
2-Hexanone	ND		ug/kg	11	0.76	1
Bromochloromethane	ND		ug/kg	5.7	0.32	1
2,2-Dichloropropane	ND		ug/kg	5.7	0.26	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.7	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.7	0.16	1
o-Chlorotoluene	ND		ug/kg	5.7	0.18	1
p-Chlorotoluene	ND		ug/kg	5.7	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	0.45	1
Hexachlorobutadiene	ND		ug/kg	5.7	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.7	0.16	1
Acrylonitrile	ND		ug/kg	11	0.59	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.7	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.7	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.7	0.16	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-19 Date Collected: 10/02/15 10:15

Client ID: SP-106-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	5.7	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	ND		ug/kg	4.6	0.18	1
p-Ethyltoluene	ND		ug/kg	4.6	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.6	0.15	1
Ethyl ether	ND		ug/kg	5.7	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	0.45	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-20
Client ID: SP-106-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 18:26
Analyst: MV
Percent Solids: 86%

Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	17	1.9	1
1,1-Dichloroethane	ND		ug/kg	2.6	0.15	1
Chloroform	ND		ug/kg	2.6	0.63	1
Carbon tetrachloride	ND		ug/kg	1.7	0.36	1
1,2-Dichloropropane	ND		ug/kg	6.0	0.39	1
Dibromochloromethane	ND		ug/kg	1.7	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	0.52	1
Tetrachloroethene	ND		ug/kg	1.7	0.24	1
Chlorobenzene	ND		ug/kg	1.7	0.60	1
Trichlorofluoromethane	ND		ug/kg	8.5	0.66	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.7	0.19	1
Bromodichloromethane	ND		ug/kg	1.7	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.7	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	1.7	0.20	1
1,1-Dichloropropene	ND		ug/kg	8.5	0.24	1
Bromoform	ND		ug/kg	6.8	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.7	0.17	1
Benzene	ND		ug/kg	1.7	0.20	1
Toluene	ND		ug/kg	2.6	0.33	1
Ethylbenzene	ND		ug/kg	1.7	0.22	1
Chloromethane	ND		ug/kg	8.5	0.50	1
Bromomethane	ND		ug/kg	3.4	0.58	1
Vinyl chloride	ND		ug/kg	3.4	0.20	1
Chloroethane	ND		ug/kg	3.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.36	1
Trichloroethene	ND		ug/kg	1.7	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.5	0.26	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-20 Date Collected: 10/02/15 10:15

Client ID: SP-106-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.5	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	8.5	0.24	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.14	1
p/m-Xylene	ND		ug/kg	3.4	0.34	1
o-Xylene	ND		ug/kg	3.4	0.29	1
Xylenes, Total	ND		ug/kg	3.4	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.7	0.24	1
Dibromomethane	ND		ug/kg	17	0.28	1
Styrene	ND		ug/kg	3.4	0.69	1
Dichlorodifluoromethane	ND		ug/kg	17	0.33	1
Acetone	ND		ug/kg	17	1.8	1
Carbon disulfide	ND		ug/kg	17	1.9	1
2-Butanone	ND		ug/kg	17	0.46	1
Vinyl acetate	ND		ug/kg	17	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	17	0.42	1
1,2,3-Trichloropropane	ND		ug/kg	17	0.28	1
2-Hexanone	ND		ug/kg	17	1.1	1
Bromochloromethane	ND		ug/kg	8.5	0.47	1
2,2-Dichloropropane	ND		ug/kg	8.5	0.39	1
1,2-Dibromoethane	ND		ug/kg	6.8	0.30	1
1,3-Dichloropropane	ND		ug/kg	8.5	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.7	0.54	1
Bromobenzene	ND		ug/kg	8.5	0.36	1
n-Butylbenzene	ND		ug/kg	1.7	0.20	1
sec-Butylbenzene	ND		ug/kg	1.7	0.21	1
tert-Butylbenzene	ND		ug/kg	8.5	0.23	1
o-Chlorotoluene	ND		ug/kg	8.5	0.27	1
p-Chlorotoluene	ND		ug/kg	8.5	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.5	0.68	1
Hexachlorobutadiene	ND		ug/kg	8.5	0.39	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.21	1
Naphthalene	ND		ug/kg	8.5	0.24	1
Acrylonitrile	ND		ug/kg	17	0.88	1
n-Propylbenzene	ND		ug/kg	1.7	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.5	0.25	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.5	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.5	0.24	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-20 Date Collected: 10/02/15 10:15

Client ID: SP-106-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.5	0.24	1
1,4-Dioxane	ND		ug/kg	170	25.	1
p-Diethylbenzene	ND		ug/kg	6.8	0.27	1
p-Ethyltoluene	ND		ug/kg	6.8	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.8	0.22	1
Ethyl ether	ND		ug/kg	8.5	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.5	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	114		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-21
Client ID: SP-106-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 18:53
Analyst: MV
Percent Solids: 81%

Date Collected: 10/02/15 09:45
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	18	2.0	1
1,1-Dichloroethane	ND		ug/kg	2.6	0.15	1
Chloroform	ND		ug/kg	2.6	0.66	1
Carbon tetrachloride	ND		ug/kg	1.8	0.37	1
1,2-Dichloropropane	ND		ug/kg	6.2	0.40	1
Dibromochloromethane	ND		ug/kg	1.8	0.27	1
1,1,2-Trichloroethane	ND		ug/kg	2.6	0.54	1
Tetrachloroethene	ND		ug/kg	1.8	0.25	1
Chlorobenzene	ND		ug/kg	1.8	0.62	1
Trichlorofluoromethane	ND		ug/kg	8.9	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	1.8	0.20	1
Bromodichloromethane	ND		ug/kg	1.8	0.31	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.8	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	1.8	0.21	1
1,1-Dichloropropene	ND		ug/kg	8.9	0.25	1
Bromoform	ND		ug/kg	7.1	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.8	0.18	1
Benzene	ND		ug/kg	1.8	0.21	1
Toluene	ND		ug/kg	2.6	0.34	1
Ethylbenzene	ND		ug/kg	1.8	0.22	1
Chloromethane	ND		ug/kg	8.9	0.52	1
Bromomethane	ND		ug/kg	3.5	0.60	1
Vinyl chloride	ND		ug/kg	3.5	0.21	1
Chloroethane	ND		ug/kg	3.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.46	1
trans-1,2-Dichloroethene	ND		ug/kg	2.6	0.38	1
Trichloroethene	ND		ug/kg	1.8	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	8.9	0.27	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-21 Date Collected: 10/02/15 09:45

Client ID: SP-106-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	8.9	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	8.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	3.5	0.15	1
p/m-Xylene	ND		ug/kg	3.5	0.35	1
o-Xylene	ND		ug/kg	3.5	0.30	1
Xylenes, Total	ND		ug/kg	3.5	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	18	0.29	1
Styrene	ND		ug/kg	3.5	0.71	1
Dichlorodifluoromethane	ND		ug/kg	18	0.34	1
Acetone	ND		ug/kg	18	1.8	1
Carbon disulfide	ND		ug/kg	18	2.0	1
2-Butanone	ND		ug/kg	18	0.48	1
Vinyl acetate	ND		ug/kg	18	0.23	1
4-Methyl-2-pentanone	ND		ug/kg	18	0.43	1
1,2,3-Trichloropropane	ND		ug/kg	18	0.29	1
2-Hexanone	ND		ug/kg	18	1.2	1
Bromochloromethane	ND		ug/kg	8.9	0.49	1
2,2-Dichloropropane	ND		ug/kg	8.9	0.40	1
1,2-Dibromoethane	ND		ug/kg	7.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	8.9	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.8	0.56	1
Bromobenzene	ND		ug/kg	8.9	0.37	1
n-Butylbenzene	ND		ug/kg	1.8	0.20	1
sec-Butylbenzene	ND		ug/kg	1.8	0.22	1
tert-Butylbenzene	ND		ug/kg	8.9	0.24	1
o-Chlorotoluene	ND		ug/kg	8.9	0.28	1
p-Chlorotoluene	ND		ug/kg	8.9	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.9	0.70	1
Hexachlorobutadiene	ND		ug/kg	8.9	0.40	1
Isopropylbenzene	ND		ug/kg	1.8	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.22	1
Naphthalene	ND		ug/kg	8.9	0.24	1
Acrylonitrile	ND		ug/kg	18	0.91	1
n-Propylbenzene	ND		ug/kg	1.8	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.9	0.26	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.9	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.9	0.25	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-21 Date Collected: 10/02/15 09:45

Client ID: SP-106-C-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	8.9	0.25	1
1,4-Dioxane	ND		ug/kg	180	26.	1
p-Diethylbenzene	ND		ug/kg	7.1	0.28	1
p-Ethyltoluene	ND		ug/kg	7.1	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	7.1	0.23	1
Ethyl ether	ND		ug/kg	8.9	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.9	0.69	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	113		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-23
Client ID: SP-107-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 19:19
Analyst: MV
Percent Solids: 79%

Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

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	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	ND		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.55	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	0.24	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
1,3-Dichloropropene, Total	ND		ug/kg	1.4	0.16	1
1,1-Dichloropropene	ND		ug/kg	7.0	0.20	1
Bromoform	ND		ug/kg	5.6	0.33	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	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.48	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	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.22	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-23 Date Collected: 10/02/15 10:20

Client ID: SP-107-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
Xylenes, Total	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.4	0.20	1
Dibromomethane	ND		ug/kg	14	0.23	1
Styrene	ND		ug/kg	2.8	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	ND		ug/kg	14	0.38	1
Vinyl acetate	ND		ug/kg	14	0.19	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
1,2,3-Trichloropropane	ND		ug/kg	14	0.23	1
2-Hexanone	ND		ug/kg	14	0.94	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
2,2-Dichloropropane	ND		ug/kg	7.0	0.32	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
1,3-Dichloropropane	ND		ug/kg	7.0	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.4	0.45	1
Bromobenzene	ND		ug/kg	7.0	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	7.0	0.19	1
o-Chlorotoluene	ND		ug/kg	7.0	0.22	1
p-Chlorotoluene	ND		ug/kg	7.0	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.0	0.32	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	ND		ug/kg	7.0	0.19	1
Acrylonitrile	ND		ug/kg	14	0.72	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-23 Date Collected: 10/02/15 10:20

Client ID: SP-107-A-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
p-Diethylbenzene	ND		ug/kg	5.6	0.22	1
p-Ethyltoluene	ND		ug/kg	5.6	0.17	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	5.6	0.18	1
Ethyl ether	ND		ug/kg	7.0	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.0	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	114		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-24
Client ID: SP-107-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/10/15 19:45
Analyst: MV
Percent Solids: 83%

Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	13	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	6.7	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
1,3-Dichloropropene, Total	ND		ug/kg	1.3	0.16	1
1,1-Dichloropropene	ND		ug/kg	6.7	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	6.7	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	6.7	0.20	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-24 Date Collected: 10/02/15 10:20

Client ID: SP-107-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	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
Xylenes, Total	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.19	1
1,2-Dichloroethene, Total	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	ND		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	6.7	0.37	1
2,2-Dichloropropane	ND		ug/kg	6.7	0.30	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
1,3-Dichloropropane	ND		ug/kg	6.7	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.3	0.42	1
Bromobenzene	ND		ug/kg	6.7	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	6.7	0.18	1
o-Chlorotoluene	ND		ug/kg	6.7	0.21	1
p-Chlorotoluene	ND		ug/kg	6.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Hexachlorobutadiene	ND		ug/kg	6.7	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	6.7	0.18	1
Acrylonitrile	ND		ug/kg	13	0.68	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-24 Date Collected: 10/02/15 10:20

Client ID: SP-107-B-G Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	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	6.7	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	112		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-26
Client ID: TB
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/15 16:03
Analyst: PD

Date Collected: 10/02/15 00:00
Date Received: 10/02/15
Field Prep: Not Specified

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
1,3-Dichloropropene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-26 Date Collected: 10/02/15 00:00

Client ID: TB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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
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
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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-26 Date Collected: 10/02/15 00:00

Client ID: TB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27
Client ID: FB
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/09/15 16:32
Analyst: PD

Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified

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
1,3-Dichloropropene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27 Date Collected: 10/02/15 11:30

Client ID: FB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	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
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
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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27 Date Collected: 10/02/15 11:30

Client ID: FB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 09:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-27 Batch: WG829538-3					
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
1,3-Dichloropropene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 09:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-27 Batch: WG829538-3					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
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
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	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
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
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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 09:42
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 26-27 Batch: WG829538-3					
o-Chlorotoluene	ND		ug/l	2.5	0.70
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
1,4-Dioxane	ND		ug/l	250	41.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 08:50
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04-06,08-09 Batch: WG829689-3					
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
1,3-Dichloropropene, Total	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	0.34	J	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 08:50
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04-06,08-09 Batch: WG829689-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
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
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/09/15 08:50
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04-06,08-09 Batch: WG829689-3					
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
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
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
1,4-Dioxane	ND		ug/kg	100	14.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/15 12:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-3					
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
1,3-Dichloropropene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/15 12:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
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
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/10/15 12:18
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-3					
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
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
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
1,4-Dioxane	ND		ug/kg	100	14.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/11/15 10:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18 Batch: WG829976-3					
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
1,3-Dichloropropene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/11/15 10:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18 Batch: WG829976-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
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
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	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

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/11/15 10:43
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 18 Batch: WG829976-3					
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
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
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
1,4-Dioxane	ND		ug/kg	100	14.
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG829538-1 WG829538-2								
Methylene chloride	102		102		70-130	0		20
1,1-Dichloroethane	108		109		70-130	1		20
Chloroform	102		102		70-130	0		20
2-Chloroethylvinyl ether	113		115		70-130	2		20
Carbon tetrachloride	92		93		63-132	1		20
1,2-Dichloropropane	108		109		70-130	1		20
Dibromochloromethane	88		86		63-130	2		20
1,1,2-Trichloroethane	105		105		70-130	0		20
Tetrachloroethene	90		92		70-130	2		20
Chlorobenzene	101		101		75-130	0		20
Trichlorofluoromethane	105		107		62-150	2		20
1,2-Dichloroethane	101		101		70-130	0		20
1,1,1-Trichloroethane	95		97		67-130	2		20
Bromodichloromethane	95		93		67-130	2		20
trans-1,3-Dichloropropene	100		99		70-130	1		20
cis-1,3-Dichloropropene	99		99		70-130	0		20
1,1-Dichloropropene	106		109		70-130	3		20
Bromoform	88		86		54-136	2		20
1,1,2,2-Tetrachloroethane	111		113		67-130	2		20
Benzene	106		106		70-130	0		20
Toluene	102		102		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG829538-1 WG829538-2								
Ethylbenzene	107		108		70-130	1		20
Chloromethane	64		64		64-130	0		20
Bromomethane	92		95		39-139	3		20
Vinyl chloride	120		123		55-140	2		20
Chloroethane	**153**	Q	**161**	Q	55-138	5		20
1,1-Dichloroethene	100		103		61-145	3		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	101		103		70-130	2		20
1,2-Dichlorobenzene	98		98		70-130	0		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	99		99		63-130	0		20
p/m-Xylene	103		104		70-130	1		20
o-Xylene	103		104		70-130	1		20
cis-1,2-Dichloroethene	98		98		70-130	0		20
Dibromomethane	96		96		70-130	0		20
1,2,3-Trichloropropane	115		121		64-130	5		20
Acrylonitrile	99		104		70-130	5		20
Isopropyl Ether	113		114		70-130	1		20
tert-Butyl Alcohol	71		84		70-130	17		20
Styrene	106		105		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG829538-1 WG829538-2								
Dichlorodifluoromethane	90		93		36-147	3		20
Acetone	113		118		58-148	4		20
Carbon disulfide	105		104		51-130	1		20
2-Butanone	110		112		63-138	2		20
Vinyl acetate	108		108		70-130	0		20
4-Methyl-2-pentanone	93		96		59-130	3		20
2-Hexanone	99		104		57-130	5		20
Acrolein	125		131		40-160	5		20
Bromochloromethane	98		96		70-130	2		20
2,2-Dichloropropane	100		101		63-133	1		20
1,2-Dibromoethane	95		94		70-130	1		20
1,3-Dichloropropane	107		107		70-130	0		20
1,1,1,2-Tetrachloroethane	92		90		64-130	2		20
Bromobenzene	95		97		70-130	2		20
n-Butylbenzene	120		117		53-136	3		20
sec-Butylbenzene	116		116		70-130	0		20
tert-Butylbenzene	106		107		70-130	1		20
o-Chlorotoluene	108		120		70-130	11		20
p-Chlorotoluene	112		113		70-130	1		20
1,2-Dibromo-3-chloropropane	106		103		41-144	3		20
Hexachlorobutadiene	103		94		63-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG829538-1 WG829538-2								
Isopropylbenzene	112		114		70-130	2		20
p-Isopropyltoluene	109		109		70-130	0		20
Naphthalene	95		94		70-130	1		20
n-Propylbenzene	123		125		69-130	2		20
1,2,3-Trichlorobenzene	95		92		70-130	3		20
1,2,4-Trichlorobenzene	94		91		70-130	3		20
1,3,5-Trimethylbenzene	110		111		64-130	1		20
1,2,4-Trimethylbenzene	108		108		70-130	0		20
Methyl Acetate	109		111		70-130	2		20
Ethyl Acetate	101		101		70-130	0		20
Cyclohexane	116		120		70-130	3		20
Ethyl-Tert-Butyl-Ether	105		105		70-130	0		20
Tertiary-Amyl Methyl Ether	100		100		66-130	0		20
1,4-Dioxane	**46**	Q	79		56-162	**53**	Q	20
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		107		70-130	3		20
p-Diethylbenzene	106		104		70-130	2		20
p-Ethyltoluene	114		115		70-130	1		20
1,2,4,5-Tetramethylbenzene	103		100		70-130	3		20
Ethyl ether	103		104		59-134	1		20
trans-1,4-Dichloro-2-butene	94		97		70-130	3		20
Methyl cyclohexane	109		108		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 26-27 Batch: WG829538-1 WG829538-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 Batch: WG829689-1 WG829689-2								
Methylene chloride	98		101		70-130	3		30
1,1-Dichloroethane	102		105		70-130	3		30
Chloroform	101		101		70-130	0		30
Carbon tetrachloride	106		109		70-130	3		30
1,2-Dichloropropane	101		106		70-130	5		30
Dibromochloromethane	100		104		70-130	4		30
2-Chloroethylvinyl ether	89		95		70-130	7		30
1,1,2-Trichloroethane	103		105		70-130	2		30
Tetrachloroethene	105		110		70-130	5		30
Chlorobenzene	102		106		70-130	4		30
Trichlorofluoromethane	106		106		70-139	0		30
1,2-Dichloroethane	104		105		70-130	1		30
1,1,1-Trichloroethane	106		108		70-130	2		30
Bromodichloromethane	102		106		70-130	4		30
trans-1,3-Dichloropropene	104		107		70-130	3		30
cis-1,3-Dichloropropene	102		106		70-130	4		30
1,1-Dichloropropene	103		108		70-130	5		30
Bromoform	101		108		70-130	7		30
1,1,2,2-Tetrachloroethane	101		102		70-130	1		30
Benzene	101		106		70-130	5		30
Toluene	102		105		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 Batch: WG829689-1 WG829689-2								
Ethylbenzene	105		108		70-130	3		30
Chloromethane	104		106		52-130	2		30
Bromomethane	110		109		57-147	1		30
Vinyl chloride	103		105		67-130	2		30
Chloroethane	113		113		50-151	0		30
1,1-Dichloroethene	103		107		65-135	4		30
trans-1,2-Dichloroethene	100		104		70-130	4		30
Trichloroethene	105		109		70-130	4		30
1,2-Dichlorobenzene	101		108		70-130	7		30
1,3-Dichlorobenzene	104		108		70-130	4		30
1,4-Dichlorobenzene	103		106		70-130	3		30
Methyl tert butyl ether	101		102		66-130	1		30
p/m-Xylene	105		110		70-130	5		30
o-Xylene	105		110		70-130	5		30
cis-1,2-Dichloroethene	101		104		70-130	3		30
Dibromomethane	102		105		70-130	3		30
Styrene	106		109		70-130	3		30
Dichlorodifluoromethane	103		103		30-146	0		30
Acetone	102		103		54-140	1		30
Carbon disulfide	103		106		59-130	3		30
2-Butanone	110		116		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 Batch: WG829689-1 WG829689-2								
Vinyl acetate	102		95		70-130	7		30
4-Methyl-2-pentanone	94		98		70-130	4		30
1,2,3-Trichloropropane	102		105		68-130	3		30
2-Hexanone	95		94		70-130	1		30
Bromochloromethane	108		112		70-130	4		30
2,2-Dichloropropane	108		108		70-130	0		30
1,2-Dibromoethane	101		103		70-130	2		30
1,3-Dichloropropane	103		105		69-130	2		30
1,1,1,2-Tetrachloroethane	103		106		70-130	3		30
Bromobenzene	102		106		70-130	4		30
n-Butylbenzene	108		112		70-130	4		30
sec-Butylbenzene	105		110		70-130	5		30
tert-Butylbenzene	104		109		70-130	5		30
o-Chlorotoluene	107		112		70-130	5		30
p-Chlorotoluene	105		111		70-130	6		30
1,2-Dibromo-3-chloropropane	99		106		68-130	7		30
Hexachlorobutadiene	101		108		67-130	7		30
Isopropylbenzene	105		110		70-130	5		30
p-Isopropyltoluene	107		111		70-130	4		30
Naphthalene	99		106		70-130	7		30
Acrylonitrile	103		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 Batch: WG829689-1 WG829689-2								
Isopropyl Ether	102		103		66-130	1		30
tert-Butyl Alcohol	102		101		70-130	1		30
n-Propylbenzene	105		110		70-130	5		30
1,2,3-Trichlorobenzene	103		109		70-130	6		30
1,2,4-Trichlorobenzene	106		112		70-130	6		30
1,3,5-Trimethylbenzene	105		111		70-130	6		30
1,2,4-Trimethylbenzene	105		110		70-130	5		30
Methyl Acetate	97		99		51-146	2		30
Ethyl Acetate	105		104		70-130	1		30
Acrolein	98		94		70-130	4		30
Cyclohexane	101		106		59-142	5		30
1,4-Dioxane	108		104		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	101		107		50-139	6		30
p-Diethylbenzene	106		112		70-130	6		30
p-Ethyltoluene	106		110		70-130	4		30
1,2,4,5-Tetramethylbenzene	104		109		70-130	5		30
Tetrahydrofuran	96		104		66-130	8		30
Ethyl ether	101		104		67-130	3		30
trans-1,4-Dichloro-2-butene	109		112		70-130	3		30
Methyl cyclohexane	100		105		70-130	5		30
Ethyl-Tert-Butyl-Ether	102		103		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab	Associated sample(s):		02,04-06,08-09	Batch:	WG829689-1	WG829689-2		
Tertiary-Amyl Methyl Ether	99		102		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		100		70-130
Toluene-d8	102		100		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	102		100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-1 WG829810-2								
Methylene chloride	106		106		70-130	0		30
1,1-Dichloroethane	118		113		70-130	4		30
Chloroform	116		111		70-130	4		30
Carbon tetrachloride	127		122		70-130	4		30
1,2-Dichloropropane	110		109		70-130	1		30
Dibromochloromethane	107		109		70-130	2		30
2-Chloroethylvinyl ether	90		96		70-130	6		30
1,1,2-Trichloroethane	107		109		70-130	2		30
Tetrachloroethene	116		116		70-130	0		30
Chlorobenzene	107		108		70-130	1		30
Trichlorofluoromethane	134		123		70-139	9		30
1,2-Dichloroethane	119		115		70-130	3		30
1,1,1-Trichloroethane	126		120		70-130	5		30
Bromodichloromethane	117		111		70-130	5		30
trans-1,3-Dichloropropene	114		112		70-130	2		30
cis-1,3-Dichloropropene	108		111		70-130	3		30
1,1-Dichloropropene	122		118		70-130	3		30
Bromoform	104		104		70-130	0		30
1,1,2,2-Tetrachloroethane	103		100		70-130	3		30
Benzene	114		110		70-130	4		30
Toluene	109		109		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-1 WG829810-2								
Ethylbenzene	115		112		70-130	3		30
Chloromethane	111		113		52-130	2		30
Bromomethane	114		112		57-147	2		30
Vinyl chloride	117		119		67-130	2		30
Chloroethane	129		126		50-151	2		30
1,1-Dichloroethene	113		116		65-135	3		30
trans-1,2-Dichloroethene	113		113		70-130	0		30
Trichloroethene	122		117		70-130	4		30
1,2-Dichlorobenzene	107		109		70-130	2		30
1,3-Dichlorobenzene	111		110		70-130	1		30
1,4-Dichlorobenzene	107		108		70-130	1		30
Methyl tert butyl ether	107		105		66-130	2		30
p/m-Xylene	112		112		70-130	0		30
o-Xylene	110		113		70-130	3		30
cis-1,2-Dichloroethene	111		112		70-130	1		30
Dibromomethane	108		108		70-130	0		30
Styrene	112		112		70-130	0		30
Dichlorodifluoromethane	125		118		30-146	6		30
Acetone	114		104		54-140	9		30
Carbon disulfide	117		115		59-130	2		30
2-Butanone	111		114		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-1 WG829810-2								
Vinyl acetate	114		112		70-130	2		30
4-Methyl-2-pentanone	98		99		70-130	1		30
1,2,3-Trichloropropane	108		103		68-130	5		30
2-Hexanone	94		93		70-130	1		30
Bromochloromethane	112		109		70-130	3		30
2,2-Dichloropropane	129		123		70-130	5		30
1,2-Dibromoethane	103		106		70-130	3		30
1,3-Dichloropropane	107		106		69-130	1		30
1,1,1,2-Tetrachloroethane	108		110		70-130	2		30
Bromobenzene	104		107		70-130	3		30
n-Butylbenzene	122		116		70-130	5		30
sec-Butylbenzene	118		114		70-130	3		30
tert-Butylbenzene	117		111		70-130	5		30
o-Chlorotoluene	118		115		70-130	3		30
p-Chlorotoluene	118		113		70-130	4		30
1,2-Dibromo-3-chloropropane	99		101		68-130	2		30
Hexachlorobutadiene	113		112		67-130	1		30
Isopropylbenzene	115		111		70-130	4		30
p-Isopropyltoluene	119		114		70-130	4		30
Naphthalene	101		103		70-130	2		30
Acrylonitrile	105		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-1 WG829810-2								
Isopropyl Ether	112		108		66-130	4		30
tert-Butyl Alcohol	105		102		70-130	3		30
n-Propylbenzene	116		112		70-130	4		30
1,2,3-Trichlorobenzene	106		109		70-130	3		30
1,2,4-Trichlorobenzene	111		112		70-130	1		30
1,3,5-Trimethylbenzene	117		113		70-130	3		30
1,2,4-Trimethylbenzene	116		112		70-130	4		30
Methyl Acetate	104		104		51-146	0		30
Ethyl Acetate	99		108		70-130	9		30
Acrolein	98		100		70-130	2		30
Cyclohexane	122		118		59-142	3		30
1,4-Dioxane	96		98		65-136	2		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	120		120		50-139	0		30
p-Diethylbenzene	117		113		70-130	3		30
p-Ethyltoluene	116		113		70-130	3		30
1,2,4,5-Tetramethylbenzene	113		110		70-130	3		30
Tetrahydrofuran	99		107		66-130	8		30
Ethyl ether	104		106		67-130	2		30
trans-1,4-Dichloro-2-butene	121		116		70-130	4		30
Methyl cyclohexane	118		114		70-130	3		30
Ethyl-Tert-Butyl-Ether	111		106		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,11-13,15-16,19-21,23-24 Batch: WG829810-1 WG829810-2								
Tertiary-Amyl Methyl Ether	105		105		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		106		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	106		99		70-130
Dibromofluoromethane	106		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18 Batch: WG829976-1 WG829976-2								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	106		101		70-130	5		30
Chloroform	112		106		70-130	6		30
Carbon tetrachloride	121		103		70-130	16		30
1,2-Dichloropropane	102		99		70-130	3		30
Dibromochloromethane	106		106		70-130	0		30
2-Chloroethylvinyl ether	96		98		70-130	2		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	106		95		70-130	11		30
Chlorobenzene	102		99		70-130	3		30
Trichlorofluoromethane	120		99		70-139	19		30
1,2-Dichloroethane	116		112		70-130	4		30
1,1,1-Trichloroethane	119		105		70-130	13		30
Bromodichloromethane	110		107		70-130	3		30
trans-1,3-Dichloropropene	107		106		70-130	1		30
cis-1,3-Dichloropropene	105		103		70-130	2		30
1,1-Dichloropropene	112		98		70-130	13		30
Bromoform	94		96		70-130	2		30
1,1,2,2-Tetrachloroethane	91		96		70-130	5		30
Benzene	102		97		70-130	5		30
Toluene	101		95		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18 Batch: WG829976-1 WG829976-2								
Ethylbenzene	108		99		70-130	9		30
Chloromethane	98		91		52-130	7		30
Bromomethane	111		100		57-147	10		30
Vinyl chloride	105		91		67-130	14		30
Chloroethane	116		102		50-151	13		30
1,1-Dichloroethene	103		90		65-135	13		30
trans-1,2-Dichloroethene	101		94		70-130	7		30
Trichloroethene	109		101		70-130	8		30
1,2-Dichlorobenzene	99		100		70-130	1		30
1,3-Dichlorobenzene	101		100		70-130	1		30
1,4-Dichlorobenzene	100		100		70-130	0		30
Methyl tert butyl ether	102		102		66-130	0		30
p/m-Xylene	107		101		70-130	6		30
o-Xylene	105		100		70-130	5		30
cis-1,2-Dichloroethene	102		98		70-130	4		30
Dibromomethane	105		103		70-130	2		30
Styrene	108		104		70-130	4		30
Dichlorodifluoromethane	114		92		30-146	21		30
Acetone	95		94		54-140	1		30
Carbon disulfide	96		87		59-130	10		30
2-Butanone	95		99		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18 Batch: WG829976-1 WG829976-2								
Vinyl acetate	102		100		70-130	2		30
4-Methyl-2-pentanone	90		91		70-130	1		30
1,2,3-Trichloropropane	98		100		68-130	2		30
2-Hexanone	93		96		70-130	3		30
Bromochloromethane	103		103		70-130	0		30
2,2-Dichloropropane	118		104		70-130	13		30
1,2-Dibromoethane	100		101		70-130	1		30
1,3-Dichloropropane	102		102		69-130	0		30
1,1,1,2-Tetrachloroethane	109		106		70-130	3		30
Bromobenzene	94		95		70-130	1		30
n-Butylbenzene	108		99		70-130	9		30
sec-Butylbenzene	105		96		70-130	9		30
tert-Butylbenzene	102		96		70-130	6		30
o-Chlorotoluene	104		100		70-130	4		30
p-Chlorotoluene	103		101		70-130	2		30
1,2-Dibromo-3-chloropropane	82		86		68-130	5		30
Hexachlorobutadiene	105		94		67-130	11		30
Isopropylbenzene	111		101		70-130	9		30
p-Isopropyltoluene	104		97		70-130	7		30
Naphthalene	92		94		70-130	2		30
Acrylonitrile	91		92		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18 Batch: WG829976-1 WG829976-2								
Isopropyl Ether	100		99		66-130	1		30
tert-Butyl Alcohol	90		94		70-130	4		30
n-Propylbenzene	101		96		70-130	5		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
1,3,5-Trimethylbenzene	104		99		70-130	5		30
1,2,4-Trimethylbenzene	103		100		70-130	3		30
Methyl Acetate	97		99		51-146	2		30
Ethyl Acetate	93		95		70-130	2		30
Acrolein	86		89		70-130	3		30
Cyclohexane	107		90		59-142	17		30
1,4-Dioxane	94		97		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	110		93		50-139	17		30
p-Diethylbenzene	117		107		70-130	9		30
p-Ethyltoluene	115		106		70-130	8		30
1,2,4,5-Tetramethylbenzene	114		108		70-130	5		30
Tetrahydrofuran	94		100		66-130	6		30
Ethyl ether	94		96		67-130	2		30
trans-1,4-Dichloro-2-butene	105		107		70-130	2		30
Methyl cyclohexane	106		89		70-130	17		30
Ethyl-Tert-Butyl-Ether	103		102		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 18 Batch: WG829976-1 WG829976-2								
Tertiary-Amyl Methyl Ether	101		101		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		111		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	108		106		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 QC Batch ID: WG829689-4 WG829689-5 QC Sample: L1524941-08 Client ID: SP-103-A-G												
Methylene chloride	ND	25.8	15	**57**	Q	15	**58**	Q	70-130	3		30
1,1-Dichloroethane	ND	25.8	18	**68**	Q	18	**69**	Q	70-130	3		30
Chloroform	ND	25.8	16	**63**	Q	17	**63**	Q	70-130	2		30
Carbon tetrachloride	ND	25.8	17	**64**	Q	17	**64**	Q	70-130	2		30
1,2-Dichloropropane	ND	25.8	15	**59**	Q	16	**61**	Q	70-130	4		30
Dibromochloromethane	ND	25.8	12	**46**	Q	13	**47**	Q	70-130	5		30
1,1,2-Trichloroethane	ND	25.8	14	**53**	Q	15	**56**	Q	70-130	7		30
Tetrachloroethene	ND	25.8	12	**48**	Q	12	**47**	Q	70-130	1		30
Chlorobenzene	ND	25.8	11	**41**	Q	11	**41**	Q	70-130	3		30
Trichlorofluoromethane	ND	25.8	18	71		19	71		70-139	2		30
1,2-Dichloroethane	ND	25.8	14	**56**	Q	15	**56**	Q	70-130	3		30
1,1,1-Trichloroethane	ND	25.8	18	**68**	Q	18	**67**	Q	70-130	1		30
Bromodichloromethane	ND	25.8	14	**55**	Q	15	**55**	Q	70-130	3		30
trans-1,3-Dichloropropene	ND	25.8	7.8	**30**	Q	8.6	**33**	Q	70-130	9		30
cis-1,3-Dichloropropene	ND	25.8	9.8	**38**	Q	11	**40**	Q	70-130	8		30
1,1-Dichloropropene	ND	25.8	13	**51**	Q	14	**52**	Q	70-130	4		30
Bromoform	ND	25.8	11	**41**	Q	12	**47**	Q	70-130	14		30
1,1,2,2-Tetrachloroethane	ND	25.8	11	**43**	Q	13	**48**	Q	70-130	12		30
Benzene	ND	25.8	15	**58**	Q	16	**60**	Q	70-130	5		30
Toluene	ND	25.8	13	**48**	Q	13	**51**	Q	70-130	7		30
Ethylbenzene	ND	25.8	11	**42**	Q	12	**44**	Q	70-130	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 QC Batch ID: WG829689-4 WG829689-5 QC Sample: L1524941-08 Client ID: SP-103-A-G												
Chloromethane	ND	25.8	20	77		21	78		52-130	4		30
Bromomethane	ND	25.8	19	73		18	69		57-147	4		30
Vinyl chloride	ND	25.8	18	71		18	69		67-130	2		30
Chloroethane	ND	25.8	20	78		20	77		50-151	0		30
1,1-Dichloroethene	ND	25.8	16	**60**	Q	16	**61**	Q	65-135	4		30
trans-1,2-Dichloroethene	ND	25.8	13	**50**	Q	13	**51**	Q	70-130	5		30
Trichloroethene	ND	25.8	13	**52**	Q	14	**53**	Q	70-130	5		30
1,2-Dichlorobenzene	ND	25.8	6.2J	**24**	Q	7.3	**28**	Q	70-130	16		30
1,3-Dichlorobenzene	ND	25.8	6.1J	**23**	Q	7.0	**27**	Q	70-130	15		30
1,4-Dichlorobenzene	ND	25.8	5.7J	**22**	Q	6.5J	**25**	Q	70-130	13		30
Methyl tert butyl ether	ND	25.8	21	80		22	82		66-130	3		30
p/m-Xylene	ND	51.7	21	**41**	Q	23	**43**	Q	70-130	5		30
o-Xylene	ND	51.7	21	**41**	Q	23	**44**	Q	70-130	10		30
cis-1,2-Dichloroethene	ND	25.8	13	**49**	Q	13	**50**	Q	70-130	5		30
Dibromomethane	ND	25.8	12J	**45**	Q	12.J	**46**	Q	70-130	3		30
Styrene	ND	51.7	18	**34**	Q	19	**37**	Q	70-130	10		30
Dichlorodifluoromethane	ND	25.8	19	74		19	73		30-146	0		30
Acetone	ND	25.8	18	70		19	71		54-140	3		30
Carbon disulfide	ND	25.8	13	**51**	Q	13	**49**	Q	59-130	2		30
2-Butanone	ND	25.8	17	**65**	Q	19	72		70-130	12		30
Vinyl acetate	ND	25.8	3.3J	**13**	Q	3.5J	**13**	Q	70-130	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 QC Batch ID: WG829689-4 WG829689-5 QC Sample: L1524941-08 Client ID: SP-103-A-G												
4-Methyl-2-pentanone	ND	25.8	14	**52**	Q	14	**52**	Q	70-130	2		30
1,2,3-Trichloropropane	ND	25.8	12J	**48**	Q	14	**52**	Q	68-130	11		30
2-Hexanone	ND	25.8	9.0J	**35**	Q	11.J	**40**	Q	70-130	16		30
Bromochloromethane	ND	25.8	14	**54**	Q	14	**52**	Q	70-130	2		30
2,2-Dichloropropane	ND	25.8	18	70		19	70		70-130	3		30
1,2-Dibromoethane	ND	25.8	9.7	**38**	Q	11	**40**	Q	70-130	8		30
1,3-Dichloropropane	ND	25.8	12	**47**	Q	13	**50**	Q	69-130	7		30
1,1,1,2-Tetrachloroethane	ND	25.8	13	**50**	Q	14	**52**	Q	70-130	8		30
Bromobenzene	ND	25.8	7.6	**29**	Q	9.0	**34**	Q	70-130	16		30
n-Butylbenzene	ND	25.8	6.1	**23**	Q	7.2	**27**	Q	70-130	17		30
sec-Butylbenzene	ND	25.8	7.9	**31**	Q	9.0	**34**	Q	70-130	13		30
tert-Butylbenzene	ND	25.8	8.6	**33**	Q	9.8	**37**	Q	70-130	13		30
o-Chlorotoluene	ND	25.8	9.0	**35**	Q	9.9	**38**	Q	70-130	10		30
p-Chlorotoluene	ND	25.8	7.4	**28**	Q	8.5	**32**	Q	70-130	14		30
1,2-Dibromo-3-chloropropane	ND	25.8	9.2	**36**	Q	11	**42**	Q	68-130	20		30
Hexachlorobutadiene	ND	25.8	4.0J	**16**	Q	5.1J	**19**	Q	67-130	24		30
Isopropylbenzene	ND	25.8	9.7	**38**	Q	11	**41**	Q	70-130	11		30
p-Isopropyltoluene	ND	25.8	7.1	**28**	Q	8.2	**31**	Q	70-130	14		30
Naphthalene	ND	25.8	3.1J	**12**	Q	4.5J	**17**	Q	70-130	**36**	Q	30
Acrylonitrile	ND	25.8	16	**64**	Q	17	**64**	Q	70-130	4		30
n-Propylbenzene	ND	25.8	8.7	**34**	Q	9.9	**38**	Q	70-130	13		30

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04-06,08-09 QC Batch ID: WG829689-4 WG829689-5 QC Sample: L1524941-08 Client ID: SP-103-A-G												
1,2,3-Trichlorobenzene	ND	25.8	2.7J	**10**	Q	3.9J	**15**	Q	70-130	**37**	Q	30
1,2,4-Trichlorobenzene	ND	25.8	2.8J	**11**	Q	3.7J	**14**	Q	70-130	30		30
1,3,5-Trimethylbenzene	ND	25.8	8.5	**33**	Q	9.8	**37**	Q	70-130	15		30
1,2,4-Trimethylbenzene	ND	25.8	7.5	**29**	Q	8.9	**34**	Q	70-130	16		30
1,4-Dioxane	ND	1290	1200	94		1300	99		65-136	6		30
p-Diethylbenzene	ND	25.8	5.9	**23**	Q	7.2	**27**	Q	70-130	20		30
p-Ethyltoluene	ND	25.8	8.0	**31**	Q	9.3	**35**	Q	70-130	14		30
1,2,4,5-Tetramethylbenzene	ND	25.8	4.5J	**17**	Q	5.8	**22**	Q	70-130	25		30
Ethyl ether	ND	25.8	18	70		19	70		67-130	3		30
trans-1,4-Dichloro-2-butene	ND	25.8	6.7	**26**	Q	7.4	**28**	Q	70-130	10		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		111		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	104		104		70-130
Toluene-d8	101		100		70-130

SEMIVOLATILES

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-03
Client ID: SP-101-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/12/15 15:41
Analyst: PS
Percent Solids: 80%

Date Collected: 10/02/15 11:00
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/08/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	66.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	56.	1
2-Chloronaphthalene	ND		ug/kg	200	66.	1
1,2-Dichlorobenzene	ND		ug/kg	200	66.	1
1,3-Dichlorobenzene	ND		ug/kg	200	63.	1
1,4-Dichlorobenzene	ND		ug/kg	200	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	43.	1
2,6-Dinitrotoluene	ND		ug/kg	200	51.	1
Fluoranthene	2500		ug/kg	120	37.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	61.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	71.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	61.	1
Hexachlorobutadiene	ND		ug/kg	200	57.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	54.	1
Naphthalene	120	J	ug/kg	200	67.	1
Nitrobenzene	ND		ug/kg	180	48.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	42.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	60.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	53.	1
Butyl benzyl phthalate	ND		ug/kg	200	39.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	49.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	51.	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-03 Date Collected: 10/02/15 11:00

Client ID: SP-101-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1300		ug/kg	120	39.	1
Benzo(a)pyrene	1200		ug/kg	160	49.	1
Benzo(b)fluoranthene	1500		ug/kg	120	41.	1
Benzo(k)fluoranthene	570		ug/kg	120	38.	1
Chrysene	1400		ug/kg	120	40.	1
Acenaphthylene	110	J	ug/kg	160	38.	1
Anthracene	530		ug/kg	120	33.	1
Benzo(ghi)perylene	720		ug/kg	160	42.	1
Fluorene	130	J	ug/kg	200	58.	1
Phenanthrene	1300		ug/kg	120	39.	1
Dibenzo(a,h)anthracene	200		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	750		ug/kg	160	45.	1
Pyrene	2200		ug/kg	120	39.	1
Biphenyl	ND		ug/kg	460	66.	1
4-Chloroaniline	ND		ug/kg	200	53.	1
2-Nitroaniline	ND		ug/kg	200	57.	1
3-Nitroaniline	ND		ug/kg	200	56.	1
4-Nitroaniline	ND		ug/kg	200	54.	1
Dibenzofuran	68	J	ug/kg	200	67.	1
2-Methylnaphthalene	ND		ug/kg	240	64.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	62.	1
Acetophenone	ND		ug/kg	200	62.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
P-Chloro-M-Cresol	ND		ug/kg	200	58.	1
2-Chlorophenol	ND		ug/kg	200	61.	1
2,4-Dichlorophenol	ND		ug/kg	180	65.	1
2,4-Dimethylphenol	ND		ug/kg	200	60.	1
2-Nitrophenol	ND		ug/kg	430	63.	1
4-Nitrophenol	ND		ug/kg	280	65.	1
2,4-Dinitrophenol	ND		ug/kg	960	280	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	74.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	60.	1
2-Methylphenol	ND		ug/kg	200	65.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	66.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	65.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	140	J	ug/kg	200	43.	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-03 Date Collected: 10/02/15 11:00

Client ID: SP-101-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	46		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-07 D
Client ID: SP-102-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/15 20:26
Analyst: AS
Percent Solids: 85%

Date Collected: 10/02/15 11:05
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160	J	ug/kg	310	80.	2
1,2,4-Trichlorobenzene	ND		ug/kg	390	130	2
Hexachlorobenzene	ND		ug/kg	230	72.	2
Bis(2-chloroethyl)ether	ND		ug/kg	350	110	2
2-Chloronaphthalene	ND		ug/kg	390	130	2
1,2-Dichlorobenzene	ND		ug/kg	390	130	2
1,3-Dichlorobenzene	ND		ug/kg	390	120	2
1,4-Dichlorobenzene	ND		ug/kg	390	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	390	100	2
2,4-Dinitrotoluene	ND		ug/kg	390	84.	2
2,6-Dinitrotoluene	ND		ug/kg	390	99.	2
Fluoranthene	2200		ug/kg	230	71.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	390	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	390	89.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	140	2
Bis(2-chloroethoxy)methane	ND		ug/kg	420	120	2
Hexachlorobutadiene	ND		ug/kg	390	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	250	2
Hexachloroethane	ND		ug/kg	310	70.	2
Isophorone	ND		ug/kg	350	100	2
Naphthalene	290	J	ug/kg	390	130	2
Nitrobenzene	ND		ug/kg	350	92.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	310	81.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	390	120	2
Bis(2-Ethylhexyl)phthalate	130	J	ug/kg	390	100	2
Butyl benzyl phthalate	ND		ug/kg	390	76.	2
Di-n-butylphthalate	ND		ug/kg	390	75.	2
Di-n-octylphthalate	ND		ug/kg	390	95.	2
Diethyl phthalate	ND		ug/kg	390	82.	2
Dimethyl phthalate	ND		ug/kg	390	98.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-07 D Date Collected: 10/02/15 11:05

Client ID: SP-102-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1200		ug/kg	230	76.	2
Benzo(a)pyrene	1100		ug/kg	310	95.	2
Benzo(b)fluoranthene	1400		ug/kg	230	78.	2
Benzo(k)fluoranthene	620		ug/kg	230	74.	2
Chrysene	1200		ug/kg	230	76.	2
Acenaphthylene	190	J	ug/kg	310	72.	2
Anthracene	480		ug/kg	230	64.	2
Benzo(ghi)perylene	690		ug/kg	310	81.	2
Fluorene	180	J	ug/kg	390	110	2
Phenanthrene	1300		ug/kg	230	76.	2
Dibenzo(a,h)anthracene	200	J	ug/kg	230	75.	2
Indeno(1,2,3-cd)Pyrene	740		ug/kg	310	86.	2
Pyrene	2000		ug/kg	230	75.	2
Biphenyl	ND		ug/kg	880	130	2
4-Chloroaniline	ND		ug/kg	390	100	2
2-Nitroaniline	ND		ug/kg	390	110	2
3-Nitroaniline	ND		ug/kg	390	110	2
4-Nitroaniline	ND		ug/kg	390	100	2
Dibenzofuran	140	J	ug/kg	390	130	2
2-Methylnaphthalene	150	J	ug/kg	460	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	390	120	2
Acetophenone	ND		ug/kg	390	120	2
2,4,6-Trichlorophenol	ND		ug/kg	230	73.	2
P-Chloro-M-Cresol	ND		ug/kg	390	110	2
2-Chlorophenol	ND		ug/kg	390	120	2
2,4-Dichlorophenol	ND		ug/kg	350	120	2
2,4-Dimethylphenol	ND		ug/kg	390	120	2
2-Nitrophenol	ND		ug/kg	840	120	2
4-Nitrophenol	ND		ug/kg	540	120	2
2,4-Dinitrophenol	ND		ug/kg	1900	530	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	140	2
Pentachlorophenol	ND		ug/kg	310	83.	2
Phenol	ND		ug/kg	390	110	2
2-Methylphenol	ND		ug/kg	390	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	560	130	2
2,4,5-Trichlorophenol	ND		ug/kg	390	120	2
Benzoic Acid	ND		ug/kg	1200	390	2
Benzyl Alcohol	ND		ug/kg	390	120	2
Carbazole	200	J	ug/kg	390	83.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-07 D Date Collected: 10/02/15 11:05

Client ID: SP-102-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	48		10-120
Nitrobenzene-d5	47		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	48		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-10
Client ID: SP-103-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/12/15 14:57
Analyst: PS
Percent Solids: 86%

Date Collected: 10/02/15 11:10
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/08/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	290		ug/kg	150	39.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	63.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	54.	1
2-Chloronaphthalene	ND		ug/kg	190	62.	1
1,2-Dichlorobenzene	ND		ug/kg	190	63.	1
1,3-Dichlorobenzene	ND		ug/kg	190	60.	1
1,4-Dichlorobenzene	ND		ug/kg	190	58.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	49.	1
Fluoranthene	3400		ug/kg	120	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	58.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	67.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	58.	1
Hexachlorobutadiene	ND		ug/kg	190	54.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	120	1
Hexachloroethane	ND		ug/kg	150	35.	1
Isophorone	ND		ug/kg	170	51.	1
Naphthalene	530		ug/kg	190	64.	1
Nitrobenzene	ND		ug/kg	170	46.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	57.	1
Bis(2-Ethylhexyl)phthalate	160	J	ug/kg	190	50.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	47.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	49.	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-10 Date Collected: 10/02/15 11:10

Client ID: SP-103-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1800		ug/kg	120	38.	1
Benzo(a)pyrene	1800		ug/kg	150	47.	1
Benzo(b)fluoranthene	2500		ug/kg	120	39.	1
Benzo(k)fluoranthene	820		ug/kg	120	36.	1
Chrysene	2000		ug/kg	120	38.	1
Acenaphthylene	280		ug/kg	150	36.	1
Anthracene	750		ug/kg	120	32.	1
Benzo(ghi)perylene	1000		ug/kg	150	40.	1
Fluorene	290		ug/kg	190	55.	1
Phenanthrene	2100		ug/kg	120	37.	1
Dibenzo(a,h)anthracene	310		ug/kg	120	37.	1
Indeno(1,2,3-cd)Pyrene	1100		ug/kg	150	42.	1
Pyrene	3000		ug/kg	120	37.	1
Biphenyl	ND		ug/kg	440	63.	1
4-Chloroaniline	ND		ug/kg	190	51.	1
2-Nitroaniline	ND		ug/kg	190	54.	1
3-Nitroaniline	ND		ug/kg	190	53.	1
4-Nitroaniline	ND		ug/kg	190	52.	1
Dibenzofuran	210		ug/kg	190	64.	1
2-Methylnaphthalene	230		ug/kg	230	61.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	59.	1
Acetophenone	ND		ug/kg	190	59.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
P-Chloro-M-Cresol	ND		ug/kg	190	56.	1
2-Chlorophenol	ND		ug/kg	190	58.	1
2,4-Dichlorophenol	ND		ug/kg	170	62.	1
2,4-Dimethylphenol	ND		ug/kg	190	57.	1
2-Nitrophenol	ND		ug/kg	410	60.	1
4-Nitrophenol	ND		ug/kg	270	62.	1
2,4-Dinitrophenol	ND		ug/kg	920	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	70.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	57.	1
2-Methylphenol	ND		ug/kg	190	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	62.	1
Benzoic Acid	ND		ug/kg	620	190	1
Benzyl Alcohol	ND		ug/kg	190	59.	1
Carbazole	330		ug/kg	190	41.	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-10 Date Collected: 10/02/15 11:10

Client ID: SP-103-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	59		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-14 D
Client ID: SP-104-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/15 21:16
Analyst: AS
Percent Solids: 87%

Date Collected: 10/02/15 11:15
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	230	J	ug/kg	300	79.	2
1,2,4-Trichlorobenzene	ND		ug/kg	380	120	2
Hexachlorobenzene	ND		ug/kg	230	71.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	110	2
2-Chloronaphthalene	ND		ug/kg	380	120	2
1,2-Dichlorobenzene	ND		ug/kg	380	120	2
1,3-Dichlorobenzene	ND		ug/kg	380	120	2
1,4-Dichlorobenzene	ND		ug/kg	380	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	380	100	2
2,4-Dinitrotoluene	ND		ug/kg	380	82.	2
2,6-Dinitrotoluene	ND		ug/kg	380	98.	2
Fluoranthene	4200		ug/kg	230	70.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	380	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	380	88.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	410	120	2
Hexachlorobutadiene	ND		ug/kg	380	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	240	2
Hexachloroethane	ND		ug/kg	300	69.	2
Isophorone	ND		ug/kg	340	100	2
Naphthalene	300	J	ug/kg	380	130	2
Nitrobenzene	ND		ug/kg	340	91.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	300	80.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	380	110	2
Bis(2-Ethylhexyl)phthalate	160	J	ug/kg	380	100	2
Butyl benzyl phthalate	ND		ug/kg	380	74.	2
Di-n-butylphthalate	ND		ug/kg	380	74.	2
Di-n-octylphthalate	ND		ug/kg	380	94.	2
Diethyl phthalate	ND		ug/kg	380	81.	2
Dimethyl phthalate	ND		ug/kg	380	97.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-14 D Date Collected: 10/02/15 11:15

Client ID: SP-104-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	2200		ug/kg	230	75.	2
Benzo(a)pyrene	2100		ug/kg	300	93.	2
Benzo(b)fluoranthene	2700		ug/kg	230	77.	2
Benzo(k)fluoranthene	1100		ug/kg	230	73.	2
Chrysene	2400		ug/kg	230	75.	2
Acenaphthylene	250	J	ug/kg	300	71.	2
Anthracene	820		ug/kg	230	64.	2
Benzo(ghi)perylene	1300		ug/kg	300	79.	2
Fluorene	280	J	ug/kg	380	110	2
Phenanthrene	2300		ug/kg	230	75.	2
Dibenzo(a,h)anthracene	360		ug/kg	230	74.	2
Indeno(1,2,3-cd)Pyrene	1400		ug/kg	300	85.	2
Pyrene	3700		ug/kg	230	74.	2
Biphenyl	ND		ug/kg	870	120	2
4-Chloroaniline	ND		ug/kg	380	100	2
2-Nitroaniline	ND		ug/kg	380	110	2
3-Nitroaniline	ND		ug/kg	380	100	2
4-Nitroaniline	ND		ug/kg	380	100	2
Dibenzofuran	180	J	ug/kg	380	130	2
2-Methylnaphthalene	160	J	ug/kg	460	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	120	2
Acetophenone	ND		ug/kg	380	120	2
2,4,6-Trichlorophenol	ND		ug/kg	230	72.	2
P-Chloro-M-Cresol	ND		ug/kg	380	110	2
2-Chlorophenol	ND		ug/kg	380	120	2
2,4-Dichlorophenol	ND		ug/kg	340	120	2
2,4-Dimethylphenol	ND		ug/kg	380	110	2
2-Nitrophenol	ND		ug/kg	820	120	2
4-Nitrophenol	ND		ug/kg	530	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	520	2
4,6-Dinitro-o-cresol	ND		ug/kg	990	140	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	380	110	2
2-Methylphenol	ND		ug/kg	380	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	550	120	2
2,4,5-Trichlorophenol	ND		ug/kg	380	120	2
Benzoic Acid	ND		ug/kg	1200	390	2
Benzyl Alcohol	ND		ug/kg	380	120	2
Carbazole	380		ug/kg	380	82.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-14 D Date Collected: 10/02/15 11:15

Client ID: SP-104-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		25-120
Phenol-d6	34		10-120
Nitrobenzene-d5	35		23-120
2-Fluorobiphenyl	40		30-120
2,4,6-Tribromophenol	42		10-136
4-Terphenyl-d14	37		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-17 D
Client ID: SP-105-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/15 21:41
Analyst: AS
Percent Solids: 86%

Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	180	J	ug/kg	300	79.	2
1,2,4-Trichlorobenzene	ND		ug/kg	380	120	2
Hexachlorobenzene	ND		ug/kg	230	71.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	110	2
2-Chloronaphthalene	ND		ug/kg	380	120	2
1,2-Dichlorobenzene	ND		ug/kg	380	120	2
1,3-Dichlorobenzene	ND		ug/kg	380	120	2
1,4-Dichlorobenzene	ND		ug/kg	380	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	380	100	2
2,4-Dinitrotoluene	ND		ug/kg	380	82.	2
2,6-Dinitrotoluene	ND		ug/kg	380	98.	2
Fluoranthene	2700		ug/kg	230	70.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	380	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	380	88.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	460	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	410	120	2
Hexachlorobutadiene	ND		ug/kg	380	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	240	2
Hexachloroethane	ND		ug/kg	300	69.	2
Isophorone	ND		ug/kg	340	100	2
Naphthalene	320	J	ug/kg	380	130	2
Nitrobenzene	ND		ug/kg	340	91.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	300	80.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	380	110	2
Bis(2-Ethylhexyl)phthalate	170	J	ug/kg	380	100	2
Butyl benzyl phthalate	ND		ug/kg	380	75.	2
Di-n-butylphthalate	ND		ug/kg	380	74.	2
Di-n-octylphthalate	ND		ug/kg	380	94.	2
Diethyl phthalate	ND		ug/kg	380	81.	2
Dimethyl phthalate	ND		ug/kg	380	97.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-17 D Date Collected: 10/02/15 11:30

Client ID: SP-105-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1300		ug/kg	230	75.	2
Benzo(a)pyrene	1200		ug/kg	300	93.	2
Benzo(b)fluoranthene	1600		ug/kg	230	77.	2
Benzo(k)fluoranthene	610		ug/kg	230	73.	2
Chrysene	1400		ug/kg	230	75.	2
Acenaphthylene	180	J	ug/kg	300	71.	2
Anthracene	550		ug/kg	230	64.	2
Benzo(ghi)perylene	740		ug/kg	300	80.	2
Fluorene	170	J	ug/kg	380	110	2
Phenanthrene	1300		ug/kg	230	75.	2
Dibenzo(a,h)anthracene	200	J	ug/kg	230	74.	2
Indeno(1,2,3-cd)Pyrene	750		ug/kg	300	85.	2
Pyrene	2500		ug/kg	230	74.	2
Biphenyl	ND		ug/kg	870	130	2
4-Chloroaniline	ND		ug/kg	380	100	2
2-Nitroaniline	ND		ug/kg	380	110	2
3-Nitroaniline	ND		ug/kg	380	100	2
4-Nitroaniline	ND		ug/kg	380	100	2
Dibenzofuran	140	J	ug/kg	380	130	2
2-Methylnaphthalene	170	J	ug/kg	460	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	120	2
Acetophenone	ND		ug/kg	380	120	2
2,4,6-Trichlorophenol	ND		ug/kg	230	72.	2
P-Chloro-M-Cresol	ND		ug/kg	380	110	2
2-Chlorophenol	ND		ug/kg	380	120	2
2,4-Dichlorophenol	ND		ug/kg	340	120	2
2,4-Dimethylphenol	ND		ug/kg	380	110	2
2-Nitrophenol	ND		ug/kg	820	120	2
4-Nitrophenol	ND		ug/kg	540	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	520	2
4,6-Dinitro-o-cresol	ND		ug/kg	990	140	2
Pentachlorophenol	ND		ug/kg	300	82.	2
Phenol	ND		ug/kg	380	110	2
2-Methylphenol	ND		ug/kg	380	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	550	120	2
2,4,5-Trichlorophenol	ND		ug/kg	380	120	2
Benzoic Acid	ND		ug/kg	1200	390	2
Benzyl Alcohol	ND		ug/kg	380	120	2
Carbazole	210	J	ug/kg	380	82.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-17 D Date Collected: 10/02/15 11:30

Client ID: SP-105-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		25-120
Phenol-d6	49		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	50		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 D
Client ID: SP-DUP
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/08/15 16:00
Analyst: AS
Percent Solids: 89%

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2400		ug/kg	590	150	4
1,2,4-Trichlorobenzene	ND		ug/kg	740	240	4
Hexachlorobenzene	ND		ug/kg	440	140	4
Bis(2-chloroethyl)ether	ND		ug/kg	660	210	4
2-Chloronaphthalene	ND		ug/kg	740	240	4
1,2-Dichlorobenzene	ND		ug/kg	740	240	4
1,3-Dichlorobenzene	ND		ug/kg	740	230	4
1,4-Dichlorobenzene	ND		ug/kg	740	220	4
3,3'-Dichlorobenzidine	ND		ug/kg	740	200	4
2,4-Dinitrotoluene	ND		ug/kg	740	160	4
2,6-Dinitrotoluene	ND		ug/kg	740	190	4
Fluoranthene	19000		ug/kg	440	140	4
4-Chlorophenyl phenyl ether	ND		ug/kg	740	220	4
4-Bromophenyl phenyl ether	ND		ug/kg	740	170	4
Bis(2-chloroisopropyl)ether	ND		ug/kg	880	260	4
Bis(2-chloroethoxy)methane	ND		ug/kg	800	220	4
Hexachlorobutadiene	ND		ug/kg	740	210	4
Hexachlorocyclopentadiene	ND		ug/kg	2100	470	4
Hexachloroethane	ND		ug/kg	590	130	4
Isophorone	ND		ug/kg	660	200	4
Naphthalene	700	J	ug/kg	740	240	4
Nitrobenzene	ND		ug/kg	660	180	4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	590	150	4
n-Nitrosodi-n-propylamine	ND		ug/kg	740	220	4
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	740	190	4
Butyl benzyl phthalate	ND		ug/kg	740	140	4
Di-n-butylphthalate	ND		ug/kg	740	140	4
Di-n-octylphthalate	ND		ug/kg	740	180	4
Diethyl phthalate	ND		ug/kg	740	160	4
Dimethyl phthalate	ND		ug/kg	740	190	4

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 D Date Collected: 10/02/15 11:40

Client ID: SP-DUP Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	8600		ug/kg	440	140	4
Benzo(a)pyrene	7100		ug/kg	590	180	4
Benzo(b)fluoranthene	9500		ug/kg	440	150	4
Benzo(k)fluoranthene	3800		ug/kg	440	140	4
Chrysene	9200		ug/kg	440	140	4
Acenaphthylene	310	J	ug/kg	590	140	4
Anthracene	4500		ug/kg	440	120	4
Benzo(ghi)perylene	3800		ug/kg	590	150	4
Fluorene	2100		ug/kg	740	210	4
Phenanthrene	14000		ug/kg	440	140	4
Dibenzo(a,h)anthracene	1100		ug/kg	440	140	4
Indeno(1,2,3-cd)Pyrene	4200		ug/kg	590	160	4
Pyrene	15000		ug/kg	440	140	4
Biphenyl	ND		ug/kg	1700	240	4
4-Chloroaniline	ND		ug/kg	740	190	4
2-Nitroaniline	ND		ug/kg	740	210	4
3-Nitroaniline	ND		ug/kg	740	200	4
4-Nitroaniline	ND		ug/kg	740	200	4
Dibenzofuran	1000		ug/kg	740	250	4
2-Methylnaphthalene	540	J	ug/kg	880	240	4
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	740	230	4
Acetophenone	ND		ug/kg	740	230	4
2,4,6-Trichlorophenol	ND		ug/kg	440	140	4
P-Chloro-M-Cresol	ND		ug/kg	740	210	4
2-Chlorophenol	ND		ug/kg	740	220	4
2,4-Dichlorophenol	ND		ug/kg	660	240	4
2,4-Dimethylphenol	ND		ug/kg	740	220	4
2-Nitrophenol	ND		ug/kg	1600	230	4
4-Nitrophenol	ND		ug/kg	1000	240	4
2,4-Dinitrophenol	ND		ug/kg	3500	1000	4
4,6-Dinitro-o-cresol	ND		ug/kg	1900	270	4
Pentachlorophenol	ND		ug/kg	590	160	4
Phenol	ND		ug/kg	740	220	4
2-Methylphenol	ND		ug/kg	740	240	4
3-Methylphenol/4-Methylphenol	ND		ug/kg	1100	240	4
2,4,5-Trichlorophenol	ND		ug/kg	740	240	4
Benzoic Acid	ND		ug/kg	2400	750	4
Benzyl Alcohol	ND		ug/kg	740	230	4
Carbazole	2100		ug/kg	740	160	4

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 D
Client ID: SP-DUP
Sample Location: 1 BANK ST., STATEN ISLAND, NY

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		25-120
Phenol-d6	37		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	48		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	47		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-22 D
Client ID: SP-106-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/15 22:31
Analyst: AS
Percent Solids: 83%

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	320	82.	2
1,2,4-Trichlorobenzene	ND		ug/kg	400	130	2
Hexachlorobenzene	ND		ug/kg	240	74.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	110	2
2-Chloronaphthalene	ND		ug/kg	400	130	2
1,2-Dichlorobenzene	ND		ug/kg	400	130	2
1,3-Dichlorobenzene	ND		ug/kg	400	120	2
1,4-Dichlorobenzene	ND		ug/kg	400	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	400	100	2
2,4-Dinitrotoluene	ND		ug/kg	400	86.	2
2,6-Dinitrotoluene	ND		ug/kg	400	100	2
Fluoranthene	1800		ug/kg	240	73.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	400	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	400	92.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	480	140	2
Bis(2-chloroethoxy)methane	ND		ug/kg	430	120	2
Hexachlorobutadiene	ND		ug/kg	400	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	260	2
Hexachloroethane	ND		ug/kg	320	72.	2
Isophorone	ND		ug/kg	360	100	2
Naphthalene	520		ug/kg	400	130	2
Nitrobenzene	ND		ug/kg	360	95.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	320	84.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	400	120	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	400	100	2
Butyl benzyl phthalate	ND		ug/kg	400	78.	2
Di-n-butylphthalate	ND		ug/kg	400	77.	2
Di-n-octylphthalate	ND		ug/kg	400	98.	2
Diethyl phthalate	ND		ug/kg	400	84.	2
Dimethyl phthalate	ND		ug/kg	400	100	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-22 D Date Collected: 10/02/15 11:40

Client ID: SP-106-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	910		ug/kg	240	78.	2
Benzo(a)pyrene	900		ug/kg	320	97.	2
Benzo(b)fluoranthene	1200		ug/kg	240	80.	2
Benzo(k)fluoranthene	470		ug/kg	240	76.	2
Chrysene	1000		ug/kg	240	78.	2
Acenaphthylene	200	J	ug/kg	320	74.	2
Anthracene	400		ug/kg	240	66.	2
Benzo(ghi)perylene	560		ug/kg	320	83.	2
Fluorene	190	J	ug/kg	400	110	2
Phenanthrene	1000		ug/kg	240	78.	2
Dibenzo(a,h)anthracene	170	J	ug/kg	240	77.	2
Indeno(1,2,3-cd)Pyrene	570		ug/kg	320	88.	2
Pyrene	1700		ug/kg	240	77.	2
Biphenyl	ND		ug/kg	910	130	2
4-Chloroaniline	ND		ug/kg	400	100	2
2-Nitroaniline	ND		ug/kg	400	110	2
3-Nitroaniline	ND		ug/kg	400	110	2
4-Nitroaniline	ND		ug/kg	400	110	2
Dibenzofuran	160	J	ug/kg	400	130	2
2-Methylnaphthalene	410	J	ug/kg	480	130	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	400	120	2
Acetophenone	ND		ug/kg	400	120	2
2,4,6-Trichlorophenol	ND		ug/kg	240	75.	2
P-Chloro-M-Cresol	ND		ug/kg	400	120	2
2-Chlorophenol	ND		ug/kg	400	120	2
2,4-Dichlorophenol	ND		ug/kg	360	130	2
2,4-Dimethylphenol	ND		ug/kg	400	120	2
2-Nitrophenol	ND		ug/kg	860	120	2
4-Nitrophenol	ND		ug/kg	560	130	2
2,4-Dinitrophenol	ND		ug/kg	1900	540	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	140	2
Pentachlorophenol	ND		ug/kg	320	85.	2
Phenol	ND		ug/kg	400	120	2
2-Methylphenol	ND		ug/kg	400	130	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	570	130	2
2,4,5-Trichlorophenol	ND		ug/kg	400	130	2
Benzoic Acid	ND		ug/kg	1300	400	2
Benzyl Alcohol	ND		ug/kg	400	120	2
Carbazole	170	J	ug/kg	400	86.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-22 D Date Collected: 10/02/15 11:40

Client ID: SP-106-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		25-120
Phenol-d6	53		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25 D
Client ID: SP-107-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/07/15 22:56
Analyst: AS
Percent Solids: 81%

Date Collected: 10/02/15 11:45
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	320	83.	2
1,2,4-Trichlorobenzene	ND		ug/kg	400	130	2
Hexachlorobenzene	ND		ug/kg	240	75.	2
Bis(2-chloroethyl)ether	ND		ug/kg	360	110	2
2-Chloronaphthalene	ND		ug/kg	400	130	2
1,2-Dichlorobenzene	ND		ug/kg	400	130	2
1,3-Dichlorobenzene	ND		ug/kg	400	130	2
1,4-Dichlorobenzene	ND		ug/kg	400	120	2
3,3'-Dichlorobenzidine	ND		ug/kg	400	110	2
2,4-Dinitrotoluene	ND		ug/kg	400	87.	2
2,6-Dinitrotoluene	ND		ug/kg	400	100	2
Fluoranthene	3900		ug/kg	240	74.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	400	120	2
4-Bromophenyl phenyl ether	ND		ug/kg	400	93.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	480	140	2
Bis(2-chloroethoxy)methane	ND		ug/kg	440	120	2
Hexachlorobutadiene	ND		ug/kg	400	110	2
Hexachlorocyclopentadiene	ND		ug/kg	1200	260	2
Hexachloroethane	ND		ug/kg	320	74.	2
Isophorone	ND		ug/kg	360	110	2
Naphthalene	650		ug/kg	400	130	2
Nitrobenzene	ND		ug/kg	360	96.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	320	85.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	400	120	2
Bis(2-Ethylhexyl)phthalate	140	J	ug/kg	400	100	2
Butyl benzyl phthalate	ND		ug/kg	400	79.	2
Di-n-butylphthalate	ND		ug/kg	400	78.	2
Di-n-octylphthalate	ND		ug/kg	400	99.	2
Diethyl phthalate	ND		ug/kg	400	85.	2
Dimethyl phthalate	ND		ug/kg	400	100	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25 D Date Collected: 10/02/15 11:45

Client ID: SP-107-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	2100		ug/kg	240	79.	2
Benzo(a)pyrene	2000		ug/kg	320	99.	2
Benzo(b)fluoranthene	2600		ug/kg	240	82.	2
Benzo(k)fluoranthene	1100		ug/kg	240	77.	2
Chrysene	2200		ug/kg	240	79.	2
Acenaphthylene	310	J	ug/kg	320	76.	2
Anthracene	930		ug/kg	240	67.	2
Benzo(ghi)perylene	1100		ug/kg	320	84.	2
Fluorene	350	J	ug/kg	400	120	2
Phenanthrene	2400		ug/kg	240	79.	2
Dibenzo(a,h)anthracene	320		ug/kg	240	78.	2
Indeno(1,2,3-cd)Pyrene	1300		ug/kg	320	90.	2
Pyrene	3400		ug/kg	240	79.	2
Biphenyl	ND		ug/kg	920	130	2
4-Chloroaniline	ND		ug/kg	400	110	2
2-Nitroaniline	ND		ug/kg	400	110	2
3-Nitroaniline	ND		ug/kg	400	110	2
4-Nitroaniline	ND		ug/kg	400	110	2
Dibenzofuran	260	J	ug/kg	400	130	2
2-Methylnaphthalene	280	J	ug/kg	480	130	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	400	120	2
Acetophenone	ND		ug/kg	400	120	2
2,4,6-Trichlorophenol	ND		ug/kg	240	76.	2
P-Chloro-M-Cresol	ND		ug/kg	400	120	2
2-Chlorophenol	ND		ug/kg	400	120	2
2,4-Dichlorophenol	ND		ug/kg	360	130	2
2,4-Dimethylphenol	ND		ug/kg	400	120	2
2-Nitrophenol	ND		ug/kg	870	130	2
4-Nitrophenol	ND		ug/kg	570	130	2
2,4-Dinitrophenol	ND		ug/kg	1900	550	2
4,6-Dinitro-o-cresol	ND		ug/kg	1000	150	2
Pentachlorophenol	ND		ug/kg	320	86.	2
Phenol	ND		ug/kg	400	120	2
2-Methylphenol	ND		ug/kg	400	130	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	580	130	2
2,4,5-Trichlorophenol	ND		ug/kg	400	130	2
Benzoic Acid	ND		ug/kg	1300	410	2
Benzyl Alcohol	ND		ug/kg	400	120	2
Carbazole	350	J	ug/kg	400	87.	2

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25 D Date Collected: 10/02/15 11:45

Client ID: SP-107-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	63		18-120

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27
Client ID: FB
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/09/15 01:08
Analyst: AS

Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/08/15 01:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.28	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Hexachlorobenzene	ND		ug/l	2.0	0.40	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
2-Chloronaphthalene	ND		ug/l	2.0	0.46	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
Fluoranthene	ND		ug/l	2.0	0.40	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorobutadiene	ND		ug/l	2.0	0.42	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Hexachloroethane	ND		ug/l	2.0	0.30	1
Isophorone	ND		ug/l	5.0	0.79	1
Naphthalene	ND		ug/l	2.0	0.33	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27 Date Collected: 10/02/15 11:30

Client ID: FB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.66	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30	1
Chrysene	ND		ug/l	2.0	0.30	1
Acenaphthylene	ND		ug/l	2.0	0.37	1
Anthracene	ND		ug/l	2.0	0.20	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.57	1
Fluorene	ND		ug/l	2.0	0.32	1
Phenanthrene	ND		ug/l	2.0	0.23	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43	1
Pyrene	ND		ug/l	2.0	0.52	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
2-Methylnaphthalene	ND		ug/l	2.0	0.36	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1
Acetophenone	ND		ug/l	5.0	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Pentachlorophenol	ND		ug/l	10	3.2	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27 Date Collected: 10/02/15 11:30

Client ID: FB Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	91		41-149

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/15 17:55
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,14,17-18,22,25 Batch: WG828450-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/15 17:55
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,14,17-18,22,25 Batch: WG828450-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/07/15 17:55
Analyst: AS

Extraction Method: EPA 3546
Extraction Date: 10/07/15 00:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,14,17-18,22,25 Batch: WG828450-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	85		18-120

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/15 17:11
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 10/08/15 01:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG828840-1					
Acenaphthene	ND		ug/l	2.0	0.28
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	2.1	J	ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/15 17:11
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 10/08/15 01:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG828840-1					
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/08/15 17:11
Analyst: AS

Extraction Method: EPA 3510C
Extraction Date: 10/08/15 01:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 27 Batch: WG828840-1					
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	82		41-149

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/15 09:57
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 10/08/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,10 Batch: WG829024-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/15 09:57
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 10/08/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,10 Batch: WG829024-1					
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/09/15 09:57
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 10/08/15 11:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03,10 Batch: WG829024-1					
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	79		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,14,17-18,22,25 Batch: WG828450-2 WG828450-3								
Acenaphthene	75		76		31-137	1		50
1,2,4-Trichlorobenzene	64		70		38-107	9		50
Hexachlorobenzene	79		79		40-140	0		50
Bis(2-chloroethyl)ether	58		66		40-140	13		50
2-Chloronaphthalene	79		81		40-140	3		50
1,2-Dichlorobenzene	60		67		40-140	11		50
1,3-Dichlorobenzene	59		63		40-140	7		50
1,4-Dichlorobenzene	60		65		28-104	8		50
3,3'-Dichlorobenzidine	66		67		40-140	2		50
2,4-Dinitrotoluene	79		79		28-89	0		50
2,6-Dinitrotoluene	85		84		40-140	1		50
Fluoranthene	80		80		40-140	0		50
4-Chlorophenyl phenyl ether	75		78		40-140	4		50
4-Bromophenyl phenyl ether	80		81		40-140	1		50
Bis(2-chloroisopropyl)ether	60		65		40-140	8		50
Bis(2-chloroethoxy)methane	70		74		40-117	6		50
Hexachlorobutadiene	62		66		40-140	6		50
Hexachlorocyclopentadiene	81		85		40-140	5		50
Hexachloroethane	57		62		40-140	8		50
Isophorone	72		76		40-140	5		50
Naphthalene	68		72		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,14,17-18,22,25 Batch: WG828450-2 WG828450-3								
Nitrobenzene	62		67		40-140	8		50
NitrosoDiPhenylAmine(NDPA)/DPA	80		80		36-157	0		50
n-Nitrosodi-n-propylamine	70		73		32-121	4		50
Bis(2-Ethylhexyl)phthalate	72		73		40-140	1		50
Butyl benzyl phthalate	77		78		40-140	1		50
Di-n-butylphthalate	78		79		40-140	1		50
Di-n-octylphthalate	74		75		40-140	1		50
Diethyl phthalate	80		80		40-140	0		50
Dimethyl phthalate	77		78		40-140	1		50
Benzo(a)anthracene	75		76		40-140	1		50
Benzo(a)pyrene	75		74		40-140	1		50
Benzo(b)fluoranthene	73		72		40-140	1		50
Benzo(k)fluoranthene	75		75		40-140	0		50
Chrysene	75		76		40-140	1		50
Acenaphthylene	84		83		40-140	1		50
Anthracene	79		80		40-140	1		50
Benzo(ghi)perylene	75		74		40-140	1		50
Fluorene	78		80		40-140	3		50
Phenanthrene	77		78		40-140	1		50
Dibenzo(a,h)anthracene	75		74		40-140	1		50
Indeno(1,2,3-cd)Pyrene	75		75		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,14,17-18,22,25 Batch: WG828450-2 WG828450-3								
Pyrene	80		82		35-142	2		50
Biphenyl	73		73		54-104	0		50
4-Chloroaniline	66		65		40-140	2		50
2-Nitroaniline	82		81		47-134	1		50
3-Nitroaniline	70		71		26-129	1		50
4-Nitroaniline	81		79		41-125	3		50
Dibenzofuran	78		79		40-140	1		50
2-Methylnaphthalene	76		77		40-140	1		50
1,2,4,5-Tetrachlorobenzene	65		67		40-117	3		50
Acetophenone	71		76		14-144	7		50
2,4,6-Trichlorophenol	86		85		30-130	1		50
P-Chloro-M-Cresol	83		83		26-103	0		50
2-Chlorophenol	68		74		25-102	8		50
2,4-Dichlorophenol	79		80		30-130	1		50
2,4-Dimethylphenol	83		85		30-130	2		50
2-Nitrophenol	71		75		30-130	5		50
4-Nitrophenol	77		80		11-114	4		50
2,4-Dinitrophenol	17		27		4-130	45		50
4,6-Dinitro-o-cresol	53		59		10-130	11		50
Pentachlorophenol	74		80		17-109	8		50
Phenol	66		74		26-90	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,14,17-18,22,25 Batch: WG828450-2 WG828450-3								
2-Methylphenol	75		79		30-130.	5		50
3-Methylphenol/4-Methylphenol	79		81		30-130	3		50
2,4,5-Trichlorophenol	86		86		30-130	0		50
Benzoic Acid	**2**	Q	**6**	Q	10-66	**103**	Q	50
Benzyl Alcohol	72		77		40-140	7		50
Carbazole	79		82		54-128	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		68		25-120
Phenol-d6	70		74		10-120
Nitrobenzene-d5	65		70		23-120
2-Fluorobiphenyl	78		79		30-120
2,4,6-Tribromophenol	81		82		10-136
4-Terphenyl-d14	78		80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG828840-2 WG828840-3								
Acenaphthene	73		69		37-111	6		30
1,2,4-Trichlorobenzene	62		58		39-98	7		30
Hexachlorobenzene	79		76		40-140	4		30
Bis(2-chloroethyl)ether	69		65		40-140	6		30
2-Chloronaphthalene	69		66		40-140	4		30
1,2-Dichlorobenzene	57		52		40-140	9		30
1,3-Dichlorobenzene	55		50		40-140	10		30
1,4-Dichlorobenzene	56		51		36-97	9		30
3,3'-Dichlorobenzidine	73		70		40-140	4		30
2,4-Dinitrotoluene	86		81		24-96	6		30
2,6-Dinitrotoluene	80		76		40-140	5		30
Fluoranthene	77		73		40-140	5		30
4-Chlorophenyl phenyl ether	75		72		40-140	4		30
4-Bromophenyl phenyl ether	79		74		40-140	7		30
Bis(2-chloroisopropyl)ether	65		61		40-140	6		30
Bis(2-chloroethoxy)methane	70		67		40-140	4		30
Hexachlorobutadiene	58		52		40-140	11		30
Hexachlorocyclopentadiene	81		78		40-140	4		30
Hexachloroethane	54		48		40-140	12		30
Isophorone	70		67		40-140	4		30
Naphthalene	65		60		40-140	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG828840-2 WG828840-3								
Nitrobenzene	74		70		40-140	6		30
NitrosoDiPhenylAmine(NDPA)/DPA	77		73		40-140	5		30
n-Nitrosodi-n-propylamine	68		66		29-132	3		30
Bis(2-Ethylhexyl)phthalate	81		76		40-140	6		30
Butyl benzyl phthalate	81		78		40-140	4		30
Di-n-butylphthalate	80		76		40-140	5		30
Di-n-octylphthalate	82		77		40-140	6		30
Diethyl phthalate	76		72		40-140	5		30
Dimethyl phthalate	77		72		40-140	7		30
Benzo(a)anthracene	76		72		40-140	5		30
Benzo(a)pyrene	76		73		40-140	4		30
Benzo(b)fluoranthene	76		73		40-140	4		30
Benzo(k)fluoranthene	77		72		40-140	7		30
Chrysene	76		72		40-140	5		30
Acenaphthylene	71		67		45-123	6		30
Anthracene	78		75		40-140	4		30
Benzo(ghi)perylene	78		73		40-140	7		30
Fluorene	76		72		40-140	5		30
Phenanthrene	76		72		40-140	5		30
Dibenzo(a,h)anthracene	81		76		40-140	6		30
Indeno(1,2,3-cd)Pyrene	77		75		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG828840-2 WG828840-3								
Pyrene	76		74		26-127	3		30
Biphenyl	73		69		54-104	6		30
4-Chloroaniline	66		62		40-140	6		30
2-Nitroaniline	82		80		52-143	2		30
3-Nitroaniline	77		74		25-145	4		30
4-Nitroaniline	81		79		51-143	3		30
Dibenzofuran	74		71		40-140	4		30
2-Methylnaphthalene	66		63		40-140	5		30
1,2,4,5-Tetrachlorobenzene	73		68		2-134	7		30
Acetophenone	75		71		39-129	5		30
2,4,6-Trichlorophenol	88		83		30-130	6		30
P-Chloro-M-Cresol	78		74		23-97	5		30
2-Chlorophenol	70		67		27-123	4		30
2,4-Dichlorophenol	82		77		30-130	6		30
2,4-Dimethylphenol	74		69		30-130	7		30
2-Nitrophenol	83		80		30-130	4		30
4-Nitrophenol	47		45		10-80	4		30
2,4-Dinitrophenol	115		111		20-130	4		30
4,6-Dinitro-o-cresol	110		105		20-164	5		30
Pentachlorophenol	82		78		9-103	5		30
Phenol	31		30		12-110	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 27 Batch: WG828840-2 WG828840-3								
2-Methylphenol	61		59		30-130	3		30
3-Methylphenol/4-Methylphenol	59		56		30-130	5		30
2,4,5-Trichlorophenol	80		78		30-130	3		30
Benzoic Acid	46		48		10-110	4		30
Benzyl Alcohol	60		58		15-110	3		30
Carbazole	80		76		55-144	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		43		21-120
Phenol-d6	33		31		10-120
Nitrobenzene-d5	75		72		23-120
2-Fluorobiphenyl	72		67		15-120
2,4,6-Tribromophenol	90		86		10-120
4-Terphenyl-d14	77		72		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 Batch: WG829024-2 WG829024-3								
Acenaphthene	79		79		31-137	0		50
1,2,4-Trichlorobenzene	73		75		38-107	3		50
Hexachlorobenzene	86		88		40-140	2		50
Bis(2-chloroethyl)ether	66		67		40-140	2		50
2-Chloronaphthalene	81		81		40-140	0		50
1,2-Dichlorobenzene	69		72		40-140	4		50
1,3-Dichlorobenzene	68		71		40-140	4		50
1,4-Dichlorobenzene	70		72		28-104	3		50
3,3'-Dichlorobenzidine	56		60		40-140	7		50
2,4-Dinitrotoluene	82		83		28-89	1		50
2,6-Dinitrotoluene	83		84		40-140	1		50
Fluoranthene	87		90		40-140	3		50
4-Chlorophenyl phenyl ether	80		82		40-140	2		50
4-Bromophenyl phenyl ether	87		88		40-140	1		50
Bis(2-chloroisopropyl)ether	63		64		40-140	2		50
Bis(2-chloroethoxy)methane	72		73		40-117	1		50
Hexachlorobutadiene	70		74		40-140	6		50
Hexachlorocyclopentadiene	85		90		40-140	6		50
Hexachloroethane	66		69		40-140	4		50
Isophorone	73		74		40-140	1		50
Naphthalene	74		76		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 Batch: WG829024-2 WG829024-3								
Nitrobenzene	67		67		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	86		88		36-157	2		50
n-Nitrosodi-n-propylamine	72		72		32-121	0		50
Bis(2-Ethylhexyl)phthalate	77		76		40-140	1		50
Butyl benzyl phthalate	86		83		40-140	4		50
Di-n-butylphthalate	84		86		40-140	2		50
Di-n-octylphthalate	79		80		40-140	1		50
Diethyl phthalate	84		84		40-140	0		50
Dimethyl phthalate	82		83		40-140	1		50
Benzo(a)anthracene	82		85		40-140	4		50
Benzo(a)pyrene	81		84		40-140	4		50
Benzo(b)fluoranthene	81		82		40-140	1		50
Benzo(k)fluoranthene	82		85		40-140	4		50
Chrysene	83		84		40-140	1		50
Acenaphthylene	83		84		40-140	1		50
Anthracene	86		89		40-140	3		50
Benzo(ghi)perylene	82		86		40-140	5		50
Fluorene	84		85		40-140	1		50
Phenanthrene	84		85		40-140	1		50
Dibenzo(a,h)anthracene	83		88		40-140	6		50
Indeno(1,2,3-cd)Pyrene	83		87		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 Batch: WG829024-2 WG829024-3								
Pyrene	88		90		35-142	2		50
Biphenyl	79		79		54-104	0		50
4-Chloroaniline	54		58		40-140	7		50
2-Nitroaniline	80		80		47-134	0		50
3-Nitroaniline	60		66		26-129	10		50
4-Nitroaniline	77		79		41-125	3		50
Dibenzofuran	83		83		40-140	0		50
2-Methylnaphthalene	79		80		40-140	1		50
1,2,4,5-Tetrachlorobenzene	74		75		40-117	1		50
Acetophenone	76		76		14-144	0		50
2,4,6-Trichlorophenol	87		87		30-130	0		50
P-Chloro-M-Cresol	80		80		26-103	0		50
2-Chlorophenol	77		76		25-102	1		50
2,4-Dichlorophenol	80		82		30-130	2		50
2,4-Dimethylphenol	84		83		30-130	1		50
2-Nitrophenol	77		77		30-130	0		50
4-Nitrophenol	82		83		11-114	1		50
2,4-Dinitrophenol	41		41		4-130	0		50
4,6-Dinitro-o-cresol	71		70		10-130	1		50
Pentachlorophenol	79		79		17-109	0		50
Phenol	73		74		26-90	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 Batch: WG829024-2 WG829024-3								
2-Methylphenol	79		81		30-130.	3		50
3-Methylphenol/4-Methylphenol	80		80		30-130	0		50
2,4,5-Trichlorophenol	83		86		30-130	4		50
Benzoic Acid	19		20		10-66	5		50
Benzyl Alcohol	78		76		40-140	3		50
Carbazole	88		90		54-128	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		69		25-120
Phenol-d6	73		71		10-120
Nitrobenzene-d5	67		67		23-120
2-Fluorobiphenyl	78		75		30-120
2,4,6-Tribromophenol	85		85		10-136
4-Terphenyl-d14	86		85		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 QC Batch ID: WG829024-4 WG829024-5 QC Sample: L1524941-10 Client ID: SP-103-C												
Acenaphthene	290	1540	1400	72		980	45		31-137	35		50
1,2,4-Trichlorobenzene	ND	1540	1100	71		960	62		38-107	14		50
Hexachlorobenzene	ND	1540	1100	71		700	45		40-140	44		50
Bis(2-chloroethyl)ether	ND	1540	1000	65		900	58		40-140	11		50
2-Chloronaphthalene	ND	1540	1200	78		930	60		40-140	25		50
1,2-Dichlorobenzene	ND	1540	1100	71		960	62		40-140	14		50
1,3-Dichlorobenzene	ND	1540	1000	65		920	60		40-140	8		50
1,4-Dichlorobenzene	ND	1540	1100	71		950	62		28-104	15		50
3,3'-Dichlorobenzidine	ND	1540	ND	**0**	Q	63.J	**4**	Q	40-140	NC		50
2,4-Dinitrotoluene	ND	1540	1000	65		710	46		28-89	34		50
2,6-Dinitrotoluene	ND	1540	1100	71		780	51		40-140	34		50
Fluoranthene	3400	1540	5000	100		2800	**0**	Q	40-140	**56**	Q	50
4-Chlorophenyl phenyl ether	ND	1540	1100	71		790	51		40-140	33		50
4-Bromophenyl phenyl ether	ND	1540	1200	78		770	50		40-140	44		50
Bis(2-chloroisopropyl)ether	ND	1540	940	61		800	52		40-140	16		50
Bis(2-chloroethoxy)methane	ND	1540	1000	65		900	58		40-117	11		50
Hexachlorobutadiene	ND	1540	1100	71		920	60		40-140	18		50
Hexachlorocyclopentadiene	ND	1540	ND	**0**	Q	ND	**0**	Q	40-140	NC		50
Hexachloroethane	ND	1540	910	59		780	51		40-140	15		50
Isophorone	ND	1540	1100	71		900	58		40-140	20		50
Naphthalene	530	1540	1600	69		1200	44		40-140	29		50

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 QC Batch ID: WG829024-4 WG829024-5 QC Sample: L1524941-10 Client ID: SP-103-C												
Nitrobenzene	ND	1540	980	64		870	57		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1540	1100	71		780	51		36-157	34		50
n-Nitrosodi-n-propylamine	ND	1540	1100	71		940	61		32-121	16		50
Bis(2-Ethylhexyl)phthalate	160J	1540	1200	78		880	57		40-140	31		50
Butyl benzyl phthalate	ND	1540	930	60		740	48		40-140	23		50
Di-n-butylphthalate	ND	1540	1100	71		820	53		40-140	29		50
Di-n-octylphthalate	ND	1540	980	64		820	53		40-140	18		50
Diethyl phthalate	ND	1540	1100	71		800	52		40-140	32		50
Dimethyl phthalate	ND	1540	1200	78		880	57		40-140	31		50
Benzo(a)anthracene	1800	1540	3100	84		1800	**0**	Q	40-140	**53**	Q	50
Benzo(a)pyrene	1800	1540	2900	71		1700	**0**	Q	40-140	**52**	Q	50
Benzo(b)fluoranthene	2500	1540	3500	65		2000	**0**	Q	40-140	**55**	Q	50
Benzo(k)fluoranthene	820	1540	2200	90		1300	**31**	Q	40-140	**51**	Q	50
Chrysene	2000	1540	3200	78		1900	**0**	Q	40-140	**51**	Q	50
Acenaphthylene	280	1540	1300	66		1000	47		40-140	26		50
Anthracene	750	1540	2000	81		1300	**36**	Q	40-140	42		50
Benzo(ghi)perylene	1000	1540	2200	78		1300	**19**	Q	40-140	**51**	Q	50
Fluorene	290	1540	1400	72		920	41		40-140	41		50
Phenanthrene	2100	1540	3500	91		2000	**0**	Q	40-140	**55**	Q	50
Dibenzo(a,h)anthracene	310	1540	1400	71		940	41		40-140	39		50
Indeno(1,2,3-cd)Pyrene	1100	1540	2300	78		1400	**19**	Q	40-140	49		50

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 QC Batch ID: WG829024-4 WG829024-5 QC Sample: L1524941-10 Client ID: SP-103-C												
Pyrene	3000	1540	4600	100		2600	**0**	Q	35-142	**56**	Q	50
Biphenyl	ND	1540	1200	78		910	59		54-104	27		50
4-Chloroaniline	ND	1540	430	**28**	Q	410	**27**	Q	40-140	5		50
2-Nitroaniline	ND	1540	1100	71		880	57		47-134	22		50
3-Nitroaniline	ND	1540	410	27		530	34		26-129	26		50
4-Nitroaniline	ND	1540	380	**25**	Q	540	**35**	Q	41-125	35		50
Dibenzofuran	210	1540	1400	77		980	50		40-140	35		50
2-Methylnaphthalene	230	1540	1300	84		1000	65		40-140	26		50
1,2,4,5-Tetrachlorobenzene	ND	1540	1100	71		860	56		40-117	24		50
Acetophenone	ND	1540	1200	78		1000	65		14-144	18		50
2,4,6-Trichlorophenol	ND	1540	1200	78		970	63		30-130	21		50
P-Chloro-M-Cresol	ND	1540	1100	71		820	53		26-103	29		50
2-Chlorophenol	ND	1540	1100	71		970	63		25-102	13		50
2,4-Dichlorophenol	ND	1540	1200	78		910	59		30-130	27		50
2,4-Dimethylphenol	ND	1540	1200	78		1000	65		30-130	18		50
2-Nitrophenol	ND	1540	1100	71		890	58		30-130	21		50
4-Nitrophenol	ND	1540	880	57		760	49		11-114	15		50
2,4-Dinitrophenol	ND	1540	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1540	270J	18		190J	12		10-130	35		50
Pentachlorophenol	ND	1540	1100	71		910	59		17-109	19		50
Phenol	ND	1540	1000	65		850	55		26-90	16		50

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,10 QC Batch ID: WG829024-4 WG829024-5 QC Sample: L1524941-10 Client ID: SP-103-C												
2-Methylphenol	ND	1540	1200	78		970	63		30-130.	21		50
3-Methylphenol/4-Methylphenol	ND	1540	1200	78		970	63		30-130	21		50
2,4,5-Trichlorophenol	ND	1540	1200	78		860	56		30-130	33		50
Benzoic Acid	ND	1540	ND	**0**	Q	ND	**0**	Q	10-66	NC		50
Benzyl Alcohol	ND	1540	1100	71		960	62		40-140	14		50
Carbazole	330	1540	1500	76		1100	**50**	Q	54-128	31		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	78		60		10-136
2-Fluorobiphenyl	58		44		30-120
2-Fluorophenol	63		57		25-120
4-Terphenyl-d14	43		32		18-120
Nitrobenzene-d5	64		55		23-120
Phenol-d6	64		56		10-120

PCBS

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-03	Date Collected:	10/02/15 11:00
Client ID:	SP-101-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 16:35	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	80%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.4	3.11	1	A
Aroclor 1221	ND		ug/kg	39.4	3.63	1	A
Aroclor 1232	ND		ug/kg	39.4	4.61	1	A
Aroclor 1242	ND		ug/kg	39.4	4.82	1	A
Aroclor 1248	ND		ug/kg	39.4	3.32	1	A
Aroclor 1254	14.2	J	ug/kg	39.4	3.24	1	A
Aroclor 1260	ND		ug/kg	39.4	3.00	1	A
Aroclor 1262	ND		ug/kg	39.4	1.95	1	A
Aroclor 1268	ND		ug/kg	39.4	5.71	1	A
PCBs, Total	14.2	J	ug/kg	39.4	1.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-07	Date Collected:	10/02/15 11:05
Client ID:	SP-102-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 16:52	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	85%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.04	1	A
Aroclor 1221	ND		ug/kg	38.4	3.54	1	A
Aroclor 1232	ND		ug/kg	38.4	4.51	1	A
Aroclor 1242	ND		ug/kg	38.4	4.71	1	A
Aroclor 1248	ND		ug/kg	38.4	3.24	1	A
Aroclor 1254	21.7	J	ug/kg	38.4	3.16	1	B
Aroclor 1260	ND		ug/kg	38.4	2.93	1	A
Aroclor 1262	ND		ug/kg	38.4	1.91	1	A
Aroclor 1268	ND		ug/kg	38.4	5.58	1	A
PCBs, Total	21.7	J	ug/kg	38.4	1.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-10	Date Collected:	10/02/15 11:10
Client ID:	SP-103-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 17:08	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.00	1	A
Aroclor 1221	ND		ug/kg	38.0	3.51	1	A
Aroclor 1232	ND		ug/kg	38.0	4.46	1	A
Aroclor 1242	ND		ug/kg	38.0	4.66	1	A
Aroclor 1248	ND		ug/kg	38.0	3.21	1	A
Aroclor 1254	35.6	J	ug/kg	38.0	3.13	1	B
Aroclor 1260	ND		ug/kg	38.0	2.90	1	A
Aroclor 1262	ND		ug/kg	38.0	1.89	1	A
Aroclor 1268	ND		ug/kg	38.0	5.52	1	A
PCBs, Total	35.6	J	ug/kg	38.0	1.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	105		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-14	Date Collected:	10/02/15 11:15
Client ID:	SP-104-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 17:24	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

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	28.3	J	ug/kg	36.7	3.02	1	B
Aroclor 1260	12.2	J	ug/kg	36.7	2.80	1	B
Aroclor 1262	ND		ug/kg	36.7	1.82	1	A
Aroclor 1268	11.7	J	ug/kg	36.7	5.32	1	B
PCBs, Total	52.2	J	ug/kg	36.7	1.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-17	Date Collected:	10/02/15 11:30
Client ID:	SP-105-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 17:40	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	2.99	1	A
Aroclor 1221	ND		ug/kg	37.9	3.49	1	A
Aroclor 1232	ND		ug/kg	37.9	4.44	1	A
Aroclor 1242	ND		ug/kg	37.9	4.63	1	A
Aroclor 1248	ND		ug/kg	37.9	3.20	1	A
Aroclor 1254	20.2	J	ug/kg	37.9	3.11	1	B
Aroclor 1260	8.29	J	ug/kg	37.9	2.88	1	A
Aroclor 1262	ND		ug/kg	37.9	1.88	1	A
Aroclor 1268	8.29	J	ug/kg	37.9	5.49	1	B
PCBs, Total	36.8	J	ug/kg	37.9	1.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	96		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	113		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-18	Date Collected:	10/02/15 11:40
Client ID:	SP-DUP	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 17:57	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

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	3.01	1	A
Aroclor 1254	34.4	J	ug/kg	35.6	2.93	1	B
Aroclor 1260	14.4	J	ug/kg	35.6	2.71	1	B
Aroclor 1262	ND		ug/kg	35.6	1.77	1	A
Aroclor 1268	10.7	J	ug/kg	35.6	5.16	1	B
PCBs, Total	59.5	J	ug/kg	35.6	1.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-22	Date Collected:	10/02/15 11:40
Client ID:	SP-106-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 18:13	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	83%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	3.08	1	A
Aroclor 1221	ND		ug/kg	39.0	3.59	1	A
Aroclor 1232	ND		ug/kg	39.0	4.56	1	A
Aroclor 1242	ND		ug/kg	39.0	4.77	1	A
Aroclor 1248	ND		ug/kg	39.0	3.29	1	A
Aroclor 1254	27.4	J	ug/kg	39.0	3.20	1	A
Aroclor 1260	13.6	J	ug/kg	39.0	2.97	1	B
Aroclor 1262	ND		ug/kg	39.0	1.93	1	A
Aroclor 1268	14.7	J	ug/kg	39.0	5.65	1	B
PCBs, Total	55.7	J	ug/kg	39.0	1.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-25	Date Collected:	10/02/15 11:45
Client ID:	SP-107-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	10/07/15 11:21
Analytical Date:	10/08/15 18:29	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
Percent Solids:	81%	Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.0	3.08	1	A
Aroclor 1221	ND		ug/kg	39.0	3.60	1	A
Aroclor 1232	ND		ug/kg	39.0	4.57	1	A
Aroclor 1242	ND		ug/kg	39.0	4.77	1	A
Aroclor 1248	ND		ug/kg	39.0	3.29	1	A
Aroclor 1254	35.4	J	ug/kg	39.0	3.20	1	B
Aroclor 1260	18.4	J	ug/kg	39.0	2.97	1	B
Aroclor 1262	ND		ug/kg	39.0	1.93	1	A
Aroclor 1268	11.5	J	ug/kg	39.0	5.66	1	B
PCBs, Total	65.3	J	ug/kg	39.0	1.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-27	Date Collected:	10/02/15 11:30
Client ID:	FB	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8082A	Extraction Date:	10/06/15 14:38
Analytical Date:	10/07/15 15:06	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	10/07/15
		Cleanup Method:	EPA 3660B
		Cleanup Date:	10/07/15

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	67		30-150	B
Decachlorobiphenyl	63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/07/15 16:49
Analyst: JT

Extraction Method: EPA 3510C
Extraction Date: 10/06/15 14:38
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 27 Batch: WG828347-1						
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	61		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/08/15 15:14
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 10/07/15 11:21
Cleanup Method: EPA 3665A
Cleanup Date: 10/07/15
Cleanup Method: EPA 3660B
Cleanup Date: 10/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03,07,10,14,17-18,22,25 Batch: WG828612-1						
Aroclor 1016	ND		ug/kg	31.4	2.48	A
Aroclor 1221	ND		ug/kg	31.4	2.89	A
Aroclor 1232	ND		ug/kg	31.4	3.68	A
Aroclor 1242	ND		ug/kg	31.4	3.84	A
Aroclor 1248	ND		ug/kg	31.4	2.65	A
Aroclor 1254	ND		ug/kg	31.4	2.58	A
Aroclor 1260	ND		ug/kg	31.4	2.39	A
Aroclor 1262	ND		ug/kg	31.4	1.56	A
Aroclor 1268	ND		ug/kg	31.4	4.55	A
PCBs, Total	ND		ug/kg	31.4	1.56	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 QC Batch ID: WG828612-4 WG828612-5 QC Sample: L1524941-10 Client ID: SP-103-C													
Aroclor 1016	ND	234	113	48		126	54		40-140	11		50	A
Aroclor 1260	ND	234	102	44		112	48		40-140	9		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	43		46		30-150	A
Decachlorobiphenyl	91		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		55		30-150	B
Decachlorobiphenyl	117		99		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 27 Batch: WG828347-2 WG828347-3									
Aroclor 1016	74		67		40-140	10		50	A
Aroclor 1260	68		63		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		58		30-150	B
Decachlorobiphenyl	62		64		30-150	B
2,4,5,6-Tetrachloro-m-xylene	63		59		30-150	A
Decachlorobiphenyl	64		64		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828612-2 WG828612-3									
Aroclor 1016	82		83		40-140	1		50	A
Aroclor 1260	87		85		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		85		30-150	A
Decachlorobiphenyl	100		97		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		89		30-150	B
Decachlorobiphenyl	95		88		30-150	B

PESTICIDES

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-03	Date Collected:	10/02/15 11:00
Client ID:	SP-101-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/08/15 15:25	Cleanup Method:	EPA 3620B
Analyst:	AM	Cleanup Date:	10/08/15
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.95	0.382	1	A
Lindane	ND		ug/kg	0.814	0.364	1	A
Alpha-BHC	ND		ug/kg	0.814	0.231	1	A
Beta-BHC	ND		ug/kg	1.95	0.741	1	A
Heptachlor	ND		ug/kg	0.977	0.438	1	A
Aldrin	ND		ug/kg	1.95	0.688	1	A
Heptachlor epoxide	ND		ug/kg	3.66	1.10	1	A
Endrin	ND		ug/kg	0.814	0.334	1	A
Endrin ketone	ND		ug/kg	1.95	0.503	1	A
Dieldrin	ND		ug/kg	1.22	0.610	1	A
4,4'-DDE	ND		ug/kg	1.95	0.452	1	A
4,4'-DDD	3.50		ug/kg	1.95	0.697	1	B
4,4'-DDT	4.20		ug/kg	3.66	1.57	1	A
Endosulfan I	ND		ug/kg	1.95	0.462	1	A
Endosulfan II	ND		ug/kg	1.95	0.653	1	A
Endosulfan sulfate	ND		ug/kg	0.814	0.387	1	A
Methoxychlor	ND		ug/kg	3.66	1.14	1	A
Toxaphene	ND		ug/kg	36.6	10.2	1	A
cis-Chlordane	2.44		ug/kg	2.44	0.680	1	A
trans-Chlordane	ND		ug/kg	2.44	0.645	1	A
Chlordane	36.2		ug/kg	15.9	6.47	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-07	Date Collected:	10/02/15 11:05
Client ID:	SP-102-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 03:17	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.351	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.680	1	A
Heptachlor	ND		ug/kg	0.897	0.402	1	A
Aldrin	ND		ug/kg	1.79	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.748	0.306	1	A
Endrin ketone	8.08		ug/kg	1.79	0.462	1	B
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	6.78		ug/kg	1.79	0.415	1	B
4,4'-DDD	14.9		ug/kg	1.79	0.640	1	A
4,4'-DDT	3.38	PI	ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.424	1	A
Endosulfan II	ND		ug/kg	1.79	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.36	1.05	1	A
Toxaphene	ND		ug/kg	33.6	9.42	1	A
cis-Chlordane	4.62		ug/kg	2.24	0.625	1	B
trans-Chlordane	2.43		ug/kg	2.24	0.592	1	B
Chlordane	63.3	PI	ug/kg	14.6	5.94	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	**169**	Q	30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-10	Date Collected:	10/02/15 11:10
Client ID:	SP-103-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 03:30	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	1.26	J	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	1.58	PI	ug/kg	0.745	0.306	1	B
Endrin ketone	7.13		ug/kg	1.79	0.460	1	B
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	6.75		ug/kg	1.79	0.414	1	A
4,4'-DDD	13.2		ug/kg	1.79	0.638	1	B
4,4'-DDT	5.13	PI	ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.422	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	4.62		ug/kg	2.24	0.623	1	A
trans-Chlordane	4.14		ug/kg	2.24	0.590	1	A
Chlordane	114		ug/kg	14.5	5.92	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	98		30-150	B
2,4,5,6-Tetrachloro-m-xylene	102		30-150	A
Decachlorobiphenyl	148		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-14	Date Collected:	10/02/15 11:15
Client ID:	SP-104-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 03:43	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	1.36	J	ug/kg	1.73	0.338	1	B
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	3.12	PI	ug/kg	0.720	0.295	1	B
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	8.50		ug/kg	1.73	0.400	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	3.30	PI	ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.343	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	5.10		ug/kg	2.16	0.602	1	B
trans-Chlordane	4.05	PI	ug/kg	2.16	0.570	1	B
Chlordane	136		ug/kg	14.0	5.72	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	85		30-150	B
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	146		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-17	Date Collected:	10/02/15 11:30
Client ID:	SP-105-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 03:56	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.909	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	0.719	JPI	ug/kg	0.757	0.310	1	A
Endrin ketone	5.74		ug/kg	1.82	0.468	1	B
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	5.75		ug/kg	1.82	0.420	1	A
4,4'-DDD	9.34		ug/kg	1.82	0.648	1	B
4,4'-DDT	ND		ug/kg	3.41	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.54	1	A
cis-Chlordane	2.58		ug/kg	2.27	0.633	1	B
trans-Chlordane	2.57		ug/kg	2.27	0.600	1	A
Chlordane	39.8	PI	ug/kg	14.8	6.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	**164**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-18	Date Collected:	10/02/15 11:40
Client ID:	SP-DUP	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 04:09	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	1.03	J	ug/kg	1.70	0.334	1	A
Lindane	ND		ug/kg	0.710	0.317	1	A
Alpha-BHC	ND		ug/kg	0.710	0.202	1	A
Beta-BHC	ND		ug/kg	1.70	0.646	1	A
Heptachlor	ND		ug/kg	0.852	0.382	1	A
Aldrin	ND		ug/kg	1.70	0.600	1	A
Heptachlor epoxide	ND		ug/kg	3.20	0.959	1	A
Endrin	6.24		ug/kg	0.710	0.291	1	A
Endrin ketone	ND		ug/kg	1.70	0.439	1	A
Dieldrin	ND		ug/kg	1.06	0.532	1	A
4,4'-DDE	7.66		ug/kg	1.70	0.394	1	A
4,4'-DDD	ND		ug/kg	1.70	0.608	1	A
4,4'-DDT	3.33	PI	ug/kg	3.20	1.37	1	A
Endosulfan I	ND		ug/kg	1.70	0.403	1	A
Endosulfan II	ND		ug/kg	1.70	0.569	1	A
Endosulfan sulfate	ND		ug/kg	0.710	0.338	1	A
Methoxychlor	ND		ug/kg	3.20	0.994	1	A
Toxaphene	ND		ug/kg	32.0	8.95	1	A
cis-Chlordane	ND		ug/kg	2.13	0.594	1	A
trans-Chlordane	6.80		ug/kg	2.13	0.562	1	B
Chlordane	102		ug/kg	13.8	5.64	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	**155**	Q	30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-22	Date Collected:	10/02/15 11:40
Client ID:	SP-106-C	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	10/07/15 10:21
Analytical Date:	10/09/15 04:22	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.691	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.02	1	A
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin ketone	6.34	PI	ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	6.58		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.650	1	A
4,4'-DDT	5.94	PI	ug/kg	3.42	1.47	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.609	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.57	1	A
cis-Chlordane	3.53		ug/kg	2.28	0.635	1	B
trans-Chlordane	3.70		ug/kg	2.28	0.602	1	A
Chlordane	52.7	PI	ug/kg	14.8	6.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	69		30-150	B
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	113		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25
Client ID: SP-107-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 10/09/15 04:35
Analyst: SS
Percent Solids: 81%

Date Collected: 10/02/15 11:45
Date Received: 10/02/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/07/15 10:21
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	0.740	J	ug/kg	1.93	0.377	1	B
Lindane	ND		ug/kg	0.803	0.359	1	A
Alpha-BHC	ND		ug/kg	0.803	0.228	1	A
Beta-BHC	ND		ug/kg	1.93	0.731	1	A
Heptachlor	ND		ug/kg	0.964	0.432	1	A
Aldrin	ND		ug/kg	1.93	0.678	1	A
Heptachlor epoxide	ND		ug/kg	3.61	1.08	1	A
Endrin	2.07	PI	ug/kg	0.803	0.329	1	B
Endrin ketone	ND		ug/kg	1.93	0.496	1	A
Dieldrin	ND		ug/kg	1.20	0.602	1	A
4,4'-DDE	6.68		ug/kg	1.93	0.446	1	A
4,4'-DDD	ND		ug/kg	1.93	0.687	1	A
4,4'-DDT	3.00	JPI	ug/kg	3.61	1.55	1	A
Endosulfan I	ND		ug/kg	1.93	0.455	1	A
Endosulfan II	ND		ug/kg	1.93	0.644	1	A
Endosulfan sulfate	ND		ug/kg	0.803	0.382	1	A
Methoxychlor	ND		ug/kg	3.61	1.12	1	A
Toxaphene	ND		ug/kg	36.1	10.1	1	A
cis-Chlordane	ND		ug/kg	2.41	0.671	1	A
trans-Chlordane	4.14		ug/kg	2.41	0.636	1	A
Chlordane	71.6		ug/kg	15.6	6.38	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	135		30-150	A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID:	L1524941-27	Date Collected:	10/02/15 11:30
Client ID:	FB	Date Received:	10/02/15
Sample Location:	1 BANK ST., STATEN ISLAND, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8081B	Extraction Date:	10/08/15 06:36
Analytical Date:	10/09/15 03:04	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	10/08/15

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	92		30-150	A
Decachlorobiphenyl	100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/15 14:20
Analyst: AM

Extraction Method: EPA 3546
Extraction Date: 10/07/15 10:21
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,07,10,14,17-18,22,25 Batch: WG828601-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.649	0.290	A
Alpha-BHC	ND		ug/kg	0.649	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.779	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.876	A
Endrin	ND		ug/kg	0.649	0.266	A
Endrin ketone	ND		ug/kg	1.56	0.401	A
Dieldrin	ND		ug/kg	0.973	0.487	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.368	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	A
Methoxychlor	ND		ug/kg	2.92	0.908	A
Toxaphene	ND		ug/kg	29.2	8.18	A
cis-Chlordane	ND		ug/kg	1.95	0.542	A
trans-Chlordane	ND		ug/kg	1.95	0.514	A
Chlordane	ND		ug/kg	12.6	5.16	A

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/08/15 14:20
Analyst: AM

Extraction Method: EPA 3546
Extraction Date: 10/07/15 10:21
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/15

Parameter	Result	Qualifier	Units	RL	MDL
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 03,07,10,14,17-18,22,25 Batch: WG828601-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	129		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	128		30-150	A

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 10/09/15 02:25
Analyst: SS

Extraction Method: EPA 3510C
Extraction Date: 10/08/15 06:36
Cleanup Method: EPA 3620B
Cleanup Date: 10/08/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 27 Batch: WG828897-1						
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	86		30-150	A
Decachlorobiphenyl	117		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	96		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828601-2 WG828601-3									
Delta-BHC	76		72		30-150	5		30	A
Lindane	74		74		30-150	0		30	A
Alpha-BHC	82		80		30-150	2		30	A
Beta-BHC	70		80		30-150	13		30	A
Heptachlor	78		77		30-150	1		30	A
Aldrin	80		78		30-150	3		30	A
Heptachlor epoxide	77		71		30-150	8		30	A
Endrin	83		80		30-150	4		30	A
Endrin ketone	76		69		30-150	10		30	A
Dieldrin	80		82		30-150	2		30	A
4,4'-DDE	80		76		30-150	5		30	A
4,4'-DDD	82		78		30-150	5		30	A
4,4'-DDT	88		85		30-150	3		30	A
Endosulfan I	78		76		30-150	3		30	A
Endosulfan II	76		72		30-150	5		30	A
Endosulfan sulfate	66		63		30-150	5		30	A
Methoxychlor	88		85		30-150	3		30	A
cis-Chlordane	76		73		30-150	4		30	A
trans-Chlordane	82		79		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828601-2 WG828601-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		77		30-150	B
Decachlorobiphenyl	121		122		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		80		30-150	A
Decachlorobiphenyl	119		111		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 27 Batch: WG828897-2 WG828897-3									
Delta-BHC	95		131		30-150	**31**	Q	20	A
Lindane	107		147		30-150	**31**	Q	20	A
Alpha-BHC	114		**157**	Q	30-150	**32**	Q	20	A
Beta-BHC	96		129		30-150	**30**	Q	20	A
Heptachlor	96		125		30-150	**26**	Q	20	A
Aldrin	99		128		30-150	**26**	Q	20	A
Heptachlor epoxide	104		141		30-150	**30**	Q	20	A
Endrin	120		**164**	Q	30-150	**31**	Q	20	A
Endrin ketone	89		116		30-150	**26**	Q	20	A
Dieldrin	113		**157**	Q	30-150	**33**	Q	20	A
4,4'-DDE	110		**153**	Q	30-150	**33**	Q	20	A
4,4'-DDD	103		138		30-150	**29**	Q	20	A
4,4'-DDT	114		**156**	Q	30-150	**31**	Q	20	A
Endosulfan I	109		**151**	Q	30-150	**32**	Q	20	A
Endosulfan II	106		141		30-150	**28**	Q	20	A
Endosulfan sulfate	97		129		30-150	**28**	Q	20	A
Methoxychlor	104		140		30-150	**30**	Q	20	A
cis-Chlordane	104		142		30-150	**31**	Q	20	A
trans-Chlordane	105		143		30-150	**31**	Q	20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 27 Batch: WG828897-2 WG828897-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		94		30-150	A
Decachlorobiphenyl	103		134		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		94		30-150	B
Decachlorobiphenyl	83		108		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 QC Batch ID: WG828601-4 WG828601-5 QC Sample: L1524941-10 Client ID: SP-103-C													
Delta-BHC	1.26J	37.1	30.4	82		27.0	74		30-150	12		50	A
Lindane	ND	37.1	28.1	76		25.8	70		30-150	9		50	A
Alpha-BHC	ND	37.1	34.6	93		30.4	83		30-150	13		50	A
Beta-BHC	ND	37.1	18.2	49		17.7	48		30-150	3		50	A
Heptachlor	ND	37.1	27.5	74		25.7	70		30-150	7		50	A
Aldrin	ND	37.1	27.1	73		25.6	70		30-150	6		50	A
Heptachlor epoxide	ND	37.1	26.4	71		25.1	68		30-150	5		50	A
Endrin	1.58	37.1	25.6	65		26.9	69		30-150	5		50	B
Endrin ketone	7.13	37.1	30.0	62		28.7	59		30-150	4		50	B
Dieldrin	ND	37.1	30.0	81		28.1	77		30-150	7		50	A
4,4'-DDE	6.75	37.1	25.4	50		24.3	48		30-150	4		50	A
4,4'-DDD	13.2	37.1	42.5	79		40.6	75		30-150	5		50	B
4,4'-DDT	5.13	37.1	33.6	77		32.1	74		30-150	5		50	A
Endosulfan I	ND	37.1	27.9	75		25.5	70		30-150	9		50	A
Endosulfan II	ND	37.1	23.3	63		20.4	56		30-150	13		50	A
Endosulfan sulfate	ND	37.1	18.4	50		17.3	47		30-150	6		50	A
Methoxychlor	ND	37.1	30.2	81		27.5	75		30-150	9		50	A
cis-Chlordane	4.62	37.1	28.9	65		28.2	64		30-150	2		50	A
trans-Chlordane	4.14	37.1	29.0	67		28.1	65		30-150	3		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 QC Batch ID: WG828601-4 WG828601-5 QC Sample: L1524941-10 Client ID: SP-103-C

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		64		30-150	B
Decachlorobiphenyl	132		108		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		82		30-150	A
Decachlorobiphenyl	118		88		30-150	A

METALS

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-03 Date Collected: 10/02/15 11:00

Client ID: SP-101-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	5900		mg/kg	9.8	2.0	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Antimony, Total	1.4	J	mg/kg	4.9	0.79	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Arsenic, Total	16		mg/kg	0.98	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Barium, Total	44		mg/kg	0.98	0.30	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Beryllium, Total	0.30	J	mg/kg	0.49	0.10	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.98	0.07	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Calcium, Total	5100		mg/kg	9.8	3.0	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Chromium, Total	30		mg/kg	0.98	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Cobalt, Total	23		mg/kg	2.0	0.49	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Copper, Total	32		mg/kg	0.98	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	4.9	2.0	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Lead, Total	51		mg/kg	4.9	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Magnesium, Total	34000		mg/kg	9.8	0.98	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Manganese, Total	350		mg/kg	0.98	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Mercury, Total	0.32		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 14:46	EPA 7471B	1,7471B	DB
Nickel, Total	420		mg/kg	2.5	0.39	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Potassium, Total	2100		mg/kg	250	39.	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.0	0.30	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.98	0.20	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Sodium, Total	770		mg/kg	200	30.	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.0	0.39	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Vanadium, Total	19		mg/kg	0.98	0.10	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC
Zinc, Total	60		mg/kg	4.9	0.69	2	10/06/15 05:17	10/08/15 06:45	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-07 Date Collected: 10/02/15 11:05

Client ID: SP-102-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, 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	4600		mg/kg	9.3	1.8	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Antimony, Total	1.4	J	mg/kg	4.6	0.74	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Arsenic, Total	14		mg/kg	0.93	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Barium, Total	50		mg/kg	0.93	0.28	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Beryllium, Total	0.30	J	mg/kg	0.46	0.09	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Cadmium, Total	ND		mg/kg	0.93	0.07	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Calcium, Total	5000		mg/kg	9.3	2.8	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Chromium, Total	42		mg/kg	0.93	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Cobalt, Total	26		mg/kg	1.8	0.46	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Copper, Total	55		mg/kg	0.93	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Iron, Total	22000		mg/kg	4.6	1.8	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Lead, Total	47		mg/kg	4.6	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Magnesium, Total	34000		mg/kg	9.3	0.93	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Manganese, Total	230		mg/kg	0.93	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Mercury, Total	0.22		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 14:48	EPA 7471B	1,7471B	DB
Nickel, Total	540		mg/kg	2.3	0.37	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Potassium, Total	670		mg/kg	230	37.	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Selenium, Total	ND		mg/kg	1.8	0.28	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.93	0.18	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Sodium, Total	950		mg/kg	180	28.	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Thallium, Total	ND		mg/kg	1.8	0.37	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Vanadium, Total	20		mg/kg	0.93	0.09	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS
Zinc, Total	86		mg/kg	4.6	0.65	2	10/06/15 05:17	10/08/15 14:53	EPA 3050B	1,6010C	PS

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-10 Date Collected: 10/02/15 11:10

Client ID: SP-103-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, 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	5000		mg/kg	9.2	1.8	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Antimony, Total	3.1	J	mg/kg	4.6	0.73	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Arsenic, Total	40		mg/kg	0.92	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Barium, Total	61		mg/kg	0.92	0.28	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Beryllium, Total	0.31	J	mg/kg	0.46	0.09	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Cadmium, Total	0.38	J	mg/kg	0.92	0.06	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Calcium, Total	11000		mg/kg	9.2	2.8	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.92	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Cobalt, Total	14		mg/kg	1.8	0.46	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Copper, Total	2600		mg/kg	0.92	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Iron, Total	20000		mg/kg	4.6	1.8	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Lead, Total	170		mg/kg	4.6	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Magnesium, Total	18000		mg/kg	9.2	0.92	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.92	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Mercury, Total	0.39		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 14:50	EPA 7471B	1,7471B	DB
Nickel, Total	260		mg/kg	2.3	0.37	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Potassium, Total	900		mg/kg	230	37.	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.28	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.92	0.18	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Sodium, Total	660		mg/kg	180	28.	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.37	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Vanadium, Total	23		mg/kg	0.92	0.09	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC
Zinc, Total	740		mg/kg	4.6	0.64	2	10/06/15 05:17	10/08/15 06:26	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-14 Date Collected: 10/02/15 11:15

Client ID: SP-104-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, 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	5600		mg/kg	9.0	1.8	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Antimony, Total	2.2	J	mg/kg	4.5	0.72	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Arsenic, Total	29		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Barium, Total	71		mg/kg	0.90	0.27	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Beryllium, Total	0.33	J	mg/kg	0.45	0.09	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Calcium, Total	11000		mg/kg	9.0	2.7	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Chromium, Total	25		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Cobalt, Total	13		mg/kg	1.8	0.45	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Copper, Total	80		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	4.5	1.8	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Lead, Total	140		mg/kg	4.5	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Magnesium, Total	18000		mg/kg	9.0	0.90	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Manganese, Total	310		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Mercury, Total	0.31		mg/kg	0.07	0.02	1	10/06/15 08:00	10/06/15 15:07	EPA 7471B	1,7471B	DB
Nickel, Total	200		mg/kg	2.2	0.36	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Potassium, Total	1000		mg/kg	220	36.	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Sodium, Total	820		mg/kg	180	27.	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.90	0.09	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC
Zinc, Total	140		mg/kg	4.5	0.63	2	10/06/15 05:17	10/08/15 07:21	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC
Lab Number: L1524941
Project Number: 80305
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-17
Client ID: SP-105-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4800		mg/kg	9.0	1.8	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Antimony, Total	1.9	J	mg/kg	4.5	0.72	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Arsenic, Total	26		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Barium, Total	55		mg/kg	0.90	0.27	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Beryllium, Total	0.32	J	mg/kg	0.45	0.09	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.90	0.06	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Calcium, Total	13000		mg/kg	9.0	2.7	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Chromium, Total	24		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Cobalt, Total	16		mg/kg	1.8	0.45	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Copper, Total	68		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Iron, Total	19000		mg/kg	4.5	1.8	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Lead, Total	100		mg/kg	4.5	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Magnesium, Total	24000		mg/kg	9.0	0.90	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Manganese, Total	280		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Mercury, Total	0.31		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 15:12	EPA 7471B	1,7471B	DB
Nickel, Total	250		mg/kg	2.2	0.36	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Potassium, Total	1000		mg/kg	220	36.	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.27	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.90	0.18	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Sodium, Total	920		mg/kg	180	27.	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.36	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.90	0.09	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC
Zinc, Total	120		mg/kg	4.5	0.63	2	10/06/15 05:17	10/08/15 07:25	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18 Date Collected: 10/02/15 11:40

Client ID: SP-DUP Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, 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	4800		mg/kg	8.8	1.8	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Antimony, Total	2.7	J	mg/kg	4.4	0.70	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Arsenic, Total	68		mg/kg	0.88	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Barium, Total	52		mg/kg	0.88	0.26	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Beryllium, Total	0.28	J	mg/kg	0.44	0.09	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.88	0.06	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Calcium, Total	19000		mg/kg	8.8	2.6	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Chromium, Total	21		mg/kg	0.88	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Cobalt, Total	16		mg/kg	1.8	0.44	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Copper, Total	69		mg/kg	0.88	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Iron, Total	25000		mg/kg	4.4	1.8	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Lead, Total	88		mg/kg	4.4	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Magnesium, Total	30000		mg/kg	8.8	0.88	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Manganese, Total	300		mg/kg	0.88	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Mercury, Total	0.33		mg/kg	0.07	0.02	1	10/06/15 08:00	10/06/15 15:14	EPA 7471B	1,7471B	DB
Nickel, Total	260		mg/kg	2.2	0.35	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Potassium, Total	1300		mg/kg	220	35.	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.8	0.26	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.88	0.18	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Sodium, Total	750		mg/kg	180	26.	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.8	0.35	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Vanadium, Total	19		mg/kg	0.88	0.09	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC
Zinc, Total	100		mg/kg	4.4	0.61	2	10/06/15 05:17	10/08/15 07:29	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-22 Date Collected: 10/02/15 11:40

Client ID: SP-106-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	4900		mg/kg	9.5	1.9	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Antimony, Total	3.1	J	mg/kg	4.8	0.76	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Arsenic, Total	51		mg/kg	0.95	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Barium, Total	69		mg/kg	0.95	0.28	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Beryllium, Total	0.34	J	mg/kg	0.48	0.10	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Cadmium, Total	2.6		mg/kg	0.95	0.07	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Calcium, Total	13000		mg/kg	9.5	2.8	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Chromium, Total	28		mg/kg	0.95	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Cobalt, Total	19		mg/kg	1.9	0.48	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Copper, Total	5200		mg/kg	0.95	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Iron, Total	27000		mg/kg	4.8	1.9	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Lead, Total	160		mg/kg	4.8	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Magnesium, Total	33000		mg/kg	9.5	0.95	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Manganese, Total	370		mg/kg	0.95	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Mercury, Total	0.35		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 15:19	EPA 7471B	1,7471B	DB
Nickel, Total	360		mg/kg	2.4	0.38	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Potassium, Total	890		mg/kg	240	38.	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.28	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.95	0.19	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Sodium, Total	830		mg/kg	190	28.	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.38	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Vanadium, Total	24		mg/kg	0.95	0.10	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC
Zinc, Total	1700		mg/kg	4.8	0.66	2	10/06/15 05:17	10/08/15 07:33	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25 Date Collected: 10/02/15 11:45

Client ID: SP-107-C Date Received: 10/02/15

Sample Location: 1 BANK ST., STATEN ISLAND, NY Field Prep: Not Specified

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	6500		mg/kg	9.7	1.9	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Antimony, Total	2.2	J	mg/kg	4.8	0.78	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Arsenic, Total	30		mg/kg	0.97	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Barium, Total	60		mg/kg	0.97	0.29	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Beryllium, Total	0.31	J	mg/kg	0.48	0.10	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.97	0.07	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Calcium, Total	35000		mg/kg	9.7	2.9	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Chromium, Total	30		mg/kg	0.97	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Cobalt, Total	18		mg/kg	1.9	0.48	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Copper, Total	78		mg/kg	0.97	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Iron, Total	22000		mg/kg	4.8	1.9	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Lead, Total	140		mg/kg	4.8	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Magnesium, Total	44000		mg/kg	9.7	0.97	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Manganese, Total	360		mg/kg	0.97	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Mercury, Total	0.57		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 15:21	EPA 7471B	1,7471B	DB
Nickel, Total	300		mg/kg	2.4	0.39	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Potassium, Total	1000		mg/kg	240	39.	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.9	0.29	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.97	0.19	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Sodium, Total	870		mg/kg	190	29.	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.9	0.39	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Vanadium, Total	20		mg/kg	0.97	0.10	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC
Zinc, Total	120		mg/kg	4.8	0.68	2	10/06/15 05:17	10/08/15 07:37	EPA 3050B	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC
Lab Number: L1524941
Project Number: 80305
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-27
Client ID: FB
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Water
Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	ND		mg/l	0.10	0.020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Antimony, Total	ND		mg/l	0.0500	0.0080	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Barium, Total	ND		mg/l	0.0100	0.0030	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Calcium, Total	0.046	J	mg/l	0.10	0.030	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Chromium, Total	ND		mg/l	0.010	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Copper, Total	0.0057	J	mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Iron, Total	ND		mg/l	0.050	0.020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/07/15 14:15	10/07/15 22:56	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Potassium, Total	ND		mg/l	2.5	0.40	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Sodium, Total	ND		mg/l	2.0	0.30	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/06/15 09:20	10/08/15 08:15	EPA 3005A	1,6010C	MC

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

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): 03,07,10,14,17-18,22,25 Batch: WG828108-1										
Aluminum, Total	0.96	J	mg/kg	4.0	0.80	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Antimony, Total	ND		mg/kg	2.0	0.32	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Barium, Total	ND		mg/kg	0.40	0.12	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Calcium, Total	1.2	J	mg/kg	4.0	1.2	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Chromium, Total	ND		mg/kg	0.40	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Copper, Total	ND		mg/kg	0.40	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Iron, Total	2.4		mg/kg	2.0	0.80	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Lead, Total	ND		mg/kg	2.0	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Manganese, Total	ND		mg/kg	0.40	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Nickel, Total	ND		mg/kg	1.0	0.16	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Potassium, Total	ND		mg/kg	100	16.	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Selenium, Total	ND		mg/kg	0.80	0.12	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Silver, Total	ND		mg/kg	0.40	0.08	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Sodium, Total	ND		mg/kg	80	12.	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Thallium, Total	ND		mg/kg	0.80	0.16	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC
Zinc, Total	ND		mg/kg	2.0	0.28	1	10/06/15 05:17	10/08/15 06:18	1,6010C	MC

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): 03,07,10,14,17-18,22,25 Batch: WG828117-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	10/06/15 08:00	10/06/15 14:42	1,7471B	DB

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 27 Batch: WG828170-1										
Aluminum, Total	ND		mg/l	0.10	0.020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Antimony, Total	ND		mg/l	0.0500	0.0080	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Arsenic, Total	ND		mg/l	0.0050	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Barium, Total	ND		mg/l	0.0100	0.0030	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Beryllium, Total	ND		mg/l	0.0050	0.0010	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Cadmium, Total	ND		mg/l	0.0050	0.0007	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Calcium, Total	ND		mg/l	0.10	0.030	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Chromium, Total	ND		mg/l	0.010	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Cobalt, Total	ND		mg/l	0.0200	0.0050	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Copper, Total	0.0031	J	mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Iron, Total	0.053		mg/l	0.050	0.020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Lead, Total	ND		mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Magnesium, Total	ND		mg/l	0.10	0.010	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Manganese, Total	ND		mg/l	0.0100	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Nickel, Total	ND		mg/l	0.0250	0.0040	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Potassium, Total	ND		mg/l	2.5	0.40	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Selenium, Total	ND		mg/l	0.0100	0.0030	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Silver, Total	ND		mg/l	0.0070	0.0020	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Sodium, Total	ND		mg/l	2.0	0.30	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Thallium, Total	ND		mg/l	0.0200	0.0040	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Vanadium, Total	ND		mg/l	0.0100	0.0010	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC
Zinc, Total	ND		mg/l	0.0500	0.0070	1	10/06/15 09:20	10/08/15 07:13	1,6010C	MC

Prep Information

Digestion Method: EPA 3005A

Project Name: THE NEW YORK WHEEL LLC **Lab Number:** L1524941

Project Number: 80305 **Report Date:** 10/12/15

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): 27 Batch: WG828704-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	10/07/15 14:15	10/07/15 22:53	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828108-2 SRM Lot Number: D088-540								
Aluminum, Total	79		-		48-151	-		
Antimony, Total	150		-		1-208	-		
Arsenic, Total	96		-		79-121	-		
Barium, Total	88		-		83-117	-		
Beryllium, Total	94		-		83-117	-		
Cadmium, Total	94		-		83-117	-		
Calcium, Total	87		-		81-119	-		
Chromium, Total	92		-		80-120	-		
Cobalt, Total	92		-		84-115	-		
Copper, Total	98		-		81-118	-		
Iron, Total	96		-		45-155	-		
Lead, Total	86		-		81-117	-		
Magnesium, Total	88		-		76-124	-		
Manganese, Total	91		-		81-118	-		
Nickel, Total	95		-		83-117	-		
Potassium, Total	93		-		71-129	-		
Selenium, Total	97		-		78-122	-		
Silver, Total	93		-		75-124	-		
Sodium, Total	95		-		72-127	-		
Thallium, Total	90		-		80-120	-		
Vanadium, Total	92		-		78-122	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828108-2 SRM Lot Number: D088-540					
Zinc, Total	92	-	82-118	-	
Total Metals - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 Batch: WG828117-2 SRM Lot Number: D088-540					
Mercury, Total	97	-	72-128	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27 Batch: WG828170-2					
Aluminum, Total	90	-	80-120	-	
Antimony, Total	80	-	80-120	-	
Arsenic, Total	96	-	80-120	-	
Barium, Total	90	-	80-120	-	
Beryllium, Total	87	-	80-120	-	
Cadmium, Total	96	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	85	-	80-120	-	
Cobalt, Total	83	-	80-120	-	
Copper, Total	88	-	80-120	-	
Iron, Total	98	-	80-120	-	
Lead, Total	92	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	87	-	80-120	-	
Nickel, Total	85	-	80-120	-	
Potassium, Total	98	-	80-120	-	
Selenium, Total	97	-	80-120	-	
Silver, Total	91	-	80-120	-	
Sodium, Total	95	-	80-120	-	
Thallium, Total	90	-	80-120	-	
Vanadium, Total	87	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC

Project Number: 80305

Lab Number: L1524941

Report Date: 10/12/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27 Batch: WG828170-2					
Zinc, Total	89	-	80-120	-	
Total Metals - Westborough Lab Associated sample(s): 27 Batch: WG828704-2					
Mercury, Total	117	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

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): 03,07,10,14,17-18,22,25 QC Batch ID: WG828108-3 WG828108-4 QC Sample: L1524941-10 Client ID: SP-103-C												
Aluminum, Total	5000	185	5800	**433**	Q	5800	**434**	Q	75-125	0		20
Antimony, Total	3.1J	46.2	42	91		42	91		75-125	0		20
Arsenic, Total	40.	11.1	45	**45**	Q	48	**72**	Q	75-125	6		20
Barium, Total	61.	185	240	97		230	92		75-125	4		20
Beryllium, Total	0.31J	4.62	4.8	104		4.5	98		75-125	6		20
Cadmium, Total	0.38J	4.71	4.1	87		4.2	89		75-125	2		20
Calcium, Total	11000	924	13000	**216**	Q	11000	**0**	Q	75-125	17		20
Chromium, Total	21.	18.5	41	108		42	114		75-125	2		20
Cobalt, Total	14.	46.2	54	86		54	87		75-125	0		20
Copper, Total	2600	23.1	98	**0**	Q	100	**0**	Q	75-125	2		20
Iron, Total	20000	92.4	21000	**1080**	Q	21000	**1080**	Q	75-125	0		20
Lead, Total	170	47.1	170	**0**	Q	210	85		75-125	**21**	Q	20
Magnesium, Total	18000	924	26000	**866**	Q	20000	**217**	Q	75-125	**26**	Q	20
Manganese, Total	280	46.2	340	**130**	Q	330	108		75-125	3		20
Nickel, Total	260	46.2	290	**65**	Q	290	**65**	Q	75-125	0		20
Potassium, Total	900	924	1900	108		1900	108		75-125	0		20
Selenium, Total	ND	11.1	10	90		10	90		75-125	0		20
Silver, Total	ND	27.7	30	108		28	101		75-125	7		20
Sodium, Total	660	924	1700	112		1600	102		75-125	6		20
Thallium, Total	ND	11.1	8.3	75		7.9	**71**	Q	75-125	5		20
Vanadium, Total	23.	46.2	69	100		68	98		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

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): 03,07,10,14,17-18,22,25 QC Batch ID: WG828108-3 WG828108-4 QC Sample: L1524941-10 Client ID: SP-103-C											
Zinc, Total	740	46.2	170	**0**	Q	180	**0**	Q	75-125	6	20
Total Metals - Westborough Lab Associated sample(s): 03,07,10,14,17-18,22,25 QC Batch ID: WG828117-3 WG828117-4 QC Sample: L1524941-10 Client ID: SP-103-C											
Mercury, Total	0.39	0.154	0.68	**188**	Q	0.63	**164**	Q	80-120	8	20

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

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): 27 QC Batch ID: WG828170-4 QC Sample: L1524941-27 Client ID: FB									
Aluminum, Total	ND	2	1.8	90	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.414	83	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.117	98	-	-	75-125	-	20
Barium, Total	ND	2	1.84	92	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0440	88	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.0503	99	-	-	75-125	-	20
Calcium, Total	0.046J	10	9.0	90	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.17	85	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.424	85	-	-	75-125	-	20
Copper, Total	0.0057J	0.25	0.220	88	-	-	75-125	-	20
Iron, Total	ND	1	0.88	88	-	-	75-125	-	20
Lead, Total	ND	0.51	0.476	93	-	-	75-125	-	20
Magnesium, Total	ND	10	9.9	99	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.446	89	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.431	86	-	-	75-125	-	20
Potassium, Total	ND	10	10	100	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.117	98	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0460	92	-	-	75-125	-	20
Sodium, Total	ND	10	9.6	96	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.110	92	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.440	88	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

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): 27 QC Batch ID: WG828170-4 QC Sample: L1524941-27 Client ID: FB									
Zinc, Total	ND	0.5	0.456	91	-	-	75-125	-	20
Total Metals - Westborough Lab Associated sample(s): 27 QC Batch ID: WG828704-4 QC Sample: L1524941-27 Client ID: FB									
Mercury, Total	ND	0.005	0.00532	106	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27 QC Batch ID: WG828170-3 QC Sample: L1524941-27 Client ID: FB						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	ND	ND	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	0.046J	0.045J	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	0.0057J	0.0063J	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	ND	ND	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: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 27 QC Batch ID: WG828170-3 QC Sample: L1524941-27 Client ID: FB					
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): 27 QC Batch ID: WG828704-3 QC Sample: L1524941-27 Client ID: FB					
Mercury, Total	ND	ND	mg/l	NC	20

INORGANICS
&
MISCELLANEOUS

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-01
Client ID: SP-101-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:40
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.7		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-02
Client ID: SP-101-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:45
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-03
Client ID: SP-101-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:00
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-04
Client ID: SP-102-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:50
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-05
Client ID: SP-102-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:50
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-06
Client ID: SP-102-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:30
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-07
Client ID: SP-102-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:05
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-08
Client ID: SP-103-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:55
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.0		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-09
Client ID: SP-103-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:55
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-10
Client ID: SP-103-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:10
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.8		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-11
Client ID: SP-104-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Date Collected: 10/02/15 10:00
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.1		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-12
Client ID: SP-104-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-13
Client ID: SP-104-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-14
Client ID: SP-104-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.2		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-15
Client ID: SP-105-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:25
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-16
Client ID: SP-105-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:30
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-17
Client ID: SP-105-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:30
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-18
Client ID: SP-DUP
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.3		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-19
Client ID: SP-106-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.1		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-20
Client ID: SP-106-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:15
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	10/05/15 14:34	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-21
Client ID: SP-106-C-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 09:45
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.6		%	0.100	NA	1	-	10/05/15 14:08	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-22
Client ID: SP-106-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:40
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	10/05/15 14:08	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-23
Client ID: SP-107-A-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil
Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.9		%	0.100	NA	1	-	10/05/15 14:08	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-24
Client ID: SP-107-B-G
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 10:20
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	10/05/15 14:08	30,2540G	RI

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305
Lab Number: L1524941
Report Date: 10/12/15

SAMPLE RESULTS

Lab ID: L1524941-25
Client ID: SP-107-C
Sample Location: 1 BANK ST., STATEN ISLAND, NY
Matrix: Soil

Date Collected: 10/02/15 11:45
Date Received: 10/02/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	10/05/15 14:08	30,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG827944-1 QC Sample: L1524941-10 Client ID: SP-103-C						
Solids, Total	85.8	85.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-25 QC Batch ID: WG827946-1 QC Sample: L1524945-01 Client ID: DUP Sample						
Solids, Total	86.3	87.2	%	1		20

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 10/03/2015 02:29

Cooler Information Custody Seal

Cooler	
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-01A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-01B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-01C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-01D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-01X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-01Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-01Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-02A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-02B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-02C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-02D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-02X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-02Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-02Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-03A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-04A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-04B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-04C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-04D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-04X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-04Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-04Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-05A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-05B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-05C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-05D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-05X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-05Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-05Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-06A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-06B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-06C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-06D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-06X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-06Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-06Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-07A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-08A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08A1	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08A2	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08B1	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08B2	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08C1	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08C2	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-08D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-08D1	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-08D2	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-08W	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-08X	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-08Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-08Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-09A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-09B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-09C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-09D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-09D1	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	-
L1524941-09D2	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	-
L1524941-09X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-09Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-09Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-10A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-10A1	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-10A2	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-11A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-11B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-11C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-11D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-11X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-11Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-11Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-12A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-12B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-12C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-12D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-12X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-12Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-12Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-13A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-13B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-13C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-13D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-13X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-13Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-13Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-14A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-15A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-15B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-15C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-15D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-15X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-15Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-15Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-16A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-16B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-16C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-16D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-16X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-16Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-16Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-17A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-18A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-18B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-18C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-18D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-18E	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),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),K-TI(180),NA-TI(180)
L1524941-18X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-18Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-18Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-19A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-19B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-19C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-19D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-19X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-19Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-19Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-20A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-20B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-20C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-20D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-20X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-20Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-20Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-21A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-21B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-21C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-21D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-21X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-21Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-21Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-22A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-23A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-23B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-23C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-23D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-23X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-23Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-23Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-24A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-24B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-24C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1524941-24D	Plastic 2oz unpreserved for TS	A	N/A	4.1	Y	Absent	TS(7)
L1524941-24X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-24Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-24Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1524941-25A	Glass 250ml/8oz unpreserved	B	N/A	3.2	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),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),K-TI(180),NA-TI(180)
L1524941-26A	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1524941-26B	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1524941-27A	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1524941-27B	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)
L1524941-27C	Vial HCl preserved	B	N/A	3.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: THE NEW YORK WHEEL LLC
Project Number: 80305

Lab Number: L1524941
Report Date: 10/12/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524941-27D	Plastic 250ml HNO3 preserved	B	<2	3.2	Y	Absent	BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1524941-27E	Amber 500ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8081(7)
L1524941-27F	Amber 500ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8081(7)
L1524941-27G	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7)
L1524941-27H	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8270(7)
L1524941-27I	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)
L1524941-27J	Amber 1000ml unpreserved	B	7	3.2	Y	Absent	NYTCL-8082-1200ML(7)

Container Comments

L1524941-13Y

*Values in parentheses indicate holding time in days

Project Name:	THE NEW YORK WHEEL LLC	**Lab Number:**	L1524941
Project Number:	80305	**Report Date:**	10/12/15

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.

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).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	THE NEW YORK WHEEL LLC	**Lab Number:**	L1524941
Project Number:	80305	**Report Date:**	10/12/15

Data Qualifiers

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:	THE NEW YORK WHEEL LLC	**Lab Number:**	L1524941
Project Number:	80305	**Report Date:**	10/12/15

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.

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 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide) (soil), Methyl methacrylate (soil), Azobenzene.
EPA 8270D: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
EPA 8270D: 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.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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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 3

Date Rec'd in Lab: 10/2/15

ALPHA Job #: L1524941

Client Information
Client: AKRF, Inc.
Address: 440 Park Ave. S.
New York, NY 10016
Phone: 646-388-9865
Fax:
Email: asharma@akrfcom

Project Information
Project Name: The New York Wheel LLC
Project Location: 1 Bunk St. Staten Island, NY
Project #: 20305
(Use Project name as Project #) ☐
Project Manager: Ashutosh Sharma
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.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs-8260	SVOCs-8270	Pest./PCB	TAL Metals	Total Bottle
24941-01	SP-101-6a-6	10/2	9:40	Soil	MJ	X				4
02	SP-101-6b-6	10/2	9:45	Soil	BJM	X				4
03	SP-101-C	10/2	~~9:30~~ 11:20	Soil	MJ		X	X	X	1
04	SP-102-6a-6	10/2	9:50	Soil	MJ	X				4
05	SP-102-6b-6	10/2	9:50	Soil	BJM	X				4
06	SP-102-6C-6	10/2	9:30	Soil	BJM	X				4
07	SP-102-C	10/2	11:05	Soil	MJ		X	X	X	1
08	SP-103-6a-6	10/2	9:55	Soil	MJ	X				4
09	SP-103-6b-6	10/2	9:55	Soil	BJM	X				4
10	SP-103-C	10/2	11:10	Soil	MJ		X	X	X	1

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

Sample Specific Comments

Container Type	E	A	A	A						
Preservative	A	A	A	A						

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Mulvaney	10/2		
	10/02/15 1841	Tom Tobin	10-2-15 1841
Tom Tobin	10/2/15 2330		10/2/15 2330

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)

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 2 of 3

Date Rec'd in Lab: 10/2/15

ALPHA Job # L1524941

Client Information
Client: AKRF, Inc
Address: 440 Park Avenue South
NY, NY 10016
Phone: 646-388-9865
Fax:
Email: Asharma@akrf.com

Project Information
Project Name: New York Wheel
Project Location: 1 Bank Street, SI
Project # 80305
(Use Project name as Project #) ☐
Project Manager: Ashutosh Sharma
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.

ANALYSIS

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC-8260	SVOC-8270	Pest/PCB	TAL Metals	Sample Specific Comments	Total Bottle
24941-10	SP-103-MS	10/2/15	10:00	Soil	MJ	X	X	X	X		5
10	SP-103-MSD	"	10:05	"	MJ	X	X	X	X		5
11	SP-104-Ga-G	"	10:10	"	MJ	X					1
12	SP-104-Gb-G	"	10:15	"	BM	X					1
13	SP-104-Gc-G	"	10:20	"	BM	X					1
14	SP-104-C	"	11:15	"	MJ		X	X	X		4
15	SP-105-Ga-G	"	10:25	"	MJ	X					1
16	SP-105-Gb-G	"	10:30	"	BM	X					1
17	SP-105-C	"	11:30	"	BM		X	X	X		4
18	SP-DUP	"	11:40	"	BM	X	X	X	X		5

Container Type	E	A	A	A
Preservative	A	A	A	A

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Rubrattam	10/2	AAL	10/2/15 15:15
AAL	10/2/15 1840	Tom Tobin	10-2-15 1840
Tom Tobin	10/2/15 2330	AAL	10/2/15 2330

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.)

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Page 3 of 3

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ALPHA Job #: L1524941

Client Information

Client: AKRF Inc
Address: 440 Park Avenue South
New York NY 10016
Phone: 646-388-9865
Fax:
Email: dsharma@akrf.com

Project Information

Project Name: New York Wheel
Project Location: 1 Bunk Street, SI
Project #: 80305
(Use Project name as Project #) ☐
Project Manager: Ashutosh Sharma
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.

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	VOCs-8260	SVOCs-8270	Pesticides/PCBs	TAL Metals	Total Bottle	Sample Specific Comments
24941-19	SP-106-6a-6	10/2	10:15	~~SS~~ SO	MJ	X				4	
20	SP-106-6b-6	10/2	10:15	~~BJM~~	BJM	X				4	
21	SP-106-6C-6	10/2	9:45	~~BJM~~	BJM	X				4	
22	SP-106-C	10/2	11:40	~~BJM~~	BJM		X	X	X	1	
23	SP-107-6a-6	10/2	10:20	~~MJ~~	MJ	X				4	
24	SP-107-6b-6	10/2	10:20	~~BJM~~	BJM	X				4	
25	SP-107-C	10/2	11:45	~~BJM~~	BJM		X	X	X	1	
26	TB	10/2	11:30	~~MJ~~ H_2O	MJ	X				1	
27	FB	10/2	11:30	~~MJ~~ H_2O	MJ	X	X	X	X	10	

Container Type: E A A A
Preservative: A A A A

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brian McGrattan	10/2	AAL	10/2/15 1715
AAL	10/2/15 1840		10-2-15 1840
	10/2/15 2330	AAL	10/2/15 2330

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.)

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ATTACHMENT B
HISTORICAL SAMPLING TABLES

TRC

ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER CSX ST. GEORGE RAILYARD, STATEN ISLAND, NEW YORK

Prepared for

New York City Economic Development Corporation
New York, New York

Prepared by

TRC Environmental Corporation
Windsor, Connecticut

December 1998

TABLE 3
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-1	SS-2	SS-3	SS-4	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)					
[Method 8260]				ALL ND	
Methylene Chloride	8		5.1J		1E+02
Acetone	15JB	17JB	20JB		2E+02
m,p-Xylene		2.3J			1.2E+03
Total VOCs	23	19.3	25.1		1E+04
Semivolatile Organic Compounds (ppb)					
[Method 8270]					
Naphthalene	180 J	120 J			1.3E+04
2-Methylnaphthalene	280 J	140 J			3.64E+04
Acenaphthylene	100 J	110 J			4.1E+04
Acenaphthene	42 J		4,500 J		5E+04
Dibenzofuran	100 J	62 J			6.2E+03
Fluorene	54 J		4,500 J		5E+04
Phenanthrene	660	660	34,000 J	13,000 J	5E+04
Anthracene	120 J	170 J	9,900 J	3,000 J	5E+04
Di-n-butyl Phthalate	39 J				8.1E+03
Fluoranthene	1,100	1,300	50,000	20,000 J	5E+04
Pyrene	1,400	1,600	**58,000**	23,000	5E+04
Butylbenzyl Phthalate	280 J	72 J			5E+04
Benzo (a) Anthracene	**400**	**560**	**25,000 J**	**10,000 J**	224 or MDL
Chrysene	**940**	**1,600**	**26,000 J**	**12,000 J**	400
Bis (2-Ethylhexyl) Phthalate	660	300 J			5E+04
Di-n-octyl Phthalate	72 J				5E+04
Benzo (b) Fluoranthene	**1,800**	**3,700**	**62,000**	**25,000**	1.1E+03
Benzo (a) Pyrene	**520**	**610**	**16,000 J**	**7,100 J**	61 or MDL
Indeno (1,2,3-c,d) Pyrene	140 J	45 J	**6,300 J**	**4,800 J**	3.2E+03
Dibenzo (a,h) Anthracene		71 J			14 or MDL
Benzo (g,h,i) Perylene	140 J	310 J	7,600 J	5,800 J	5E+04
Total SVOCs	9,027	11,430	303,800	123,700	5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)					
[Method 8082]					
Aldrin	11	6.6			41
Endosulfan II	16	13			9E+02
Endosulfan Sulfate	14		69		1E+03
DDE	6.5	35			2.1E+03
DDD	5.1	7.8			2.9E+03
DDT	45	220	36	25	2.1E+03
Total Pesticides	97.6	282.4	105	25	1E+04
Aroclor 1248			430	58	1E+03
Aroclor 1260	220	110			1E+03
Metals (ppm)					
[Method 6010]					
Aluminum	3,870	2,240	7,950	4,280	SB
Antimony	6.8	82.7	2.1	7.1	SB
Arsenic	**81.7**	**106**	**8**	**68.8**	7.5 or SB
Beryllium	**0.56**	**0.4**	**0.45**	**0.65**	0.16 or SB
Cadmium	**1.3**	0.5		**1.4**	1 or SB
Calcium	9,650	60	19,400	6,180	SB
Copper	**160**	**395**	97.7	**184**	25 or SB
Iron	**35,200**	**22,400**	**41,000**	**12,600**	2000 or SB
Lead	552	1620	108	207	SB
Magnesium	9,300	1,450	7,240	4,470	SB
Manganese	247	126	160	238	SB
Mercury	**0.89**	**3.11**			0.1
Nickel	**110**	**48.9**	**36.8**	**54.1**	13 or SB
Potassium	547	386	586	500	SB
Selenium		**2.2**			2 or SB
Sodium	137	191	1,020	424	SB
Zinc	**363**	**106**	**305**	**294**	20 or SB
Total Cyanide (ppm)					
[Method 7471]	ND	ND	1.9	1.25	**

Notes: ND = Not Detected
NE= Value Not Established
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface = Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 3, continued
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-5	SS-5A Dupl. SS-5	SS-6	SS-7	SS-8	FB091898	TB091898	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]		ALL ND	ALL ND		ALL ND	ALL ND	ALL ND	
Acetone	57B			19JB				2E+02
2-Butanone	22J			9.9J				3E+02
4-Methyl-2-Pentanone	23			11J				1E+03
2-Hexanone	20J			9.4J				NE
1,1,2,2-Tetrachloroethane	5.7							6E+02
m,p-Xylene				1.3J				1.2E+03
Total VOCs	127.7			50.6				1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]						ALL ND	NA	
Naphthalene			200 J	160 J				1.3E+04
2-Methylnaphthalene			300 J	160 J				3.64E+04
Acenaphthylene			77 J	470	130 J			4.1E+04
Acenaphthene	5,100 J			47 J				5E+04
Dibenzofuran			97 J	120 J				6.2E+03
Fluorene	5,800 J			48 J				5E+04
Phenanthrene	49,000	23,000 J	390	830	250 J			5E+04
Anthracene	14,000 J	5,900 J	83 J	260 J	180 J			5E+04
Fluoranthene	**89,000**	**45,000**	**690**	**2,400**	1,100			5E+04
Pyrene	**100,000**	**57,000**	**570**	**2,500**	1,200			5E+04
Butylbenzyl Phthalate			**57 J**		46 J			5E+04
Benzo (a) Anthracene	**41,000**	**25,000 J**	**380**	**1,300**	**S70**			224 or MDL
Chrysene	**48,000**	**24,000 J**	**710**	**2,200**	**1,200**			400
Bis (2-Ethylhexyl) Phthalate	5,500 J	4,200 J	100 J		1,700			5E+04
Benzo (b) Fluoranthene	**100,000**	**64,000**	**1,300**	**2,900**	**3,000**			1.1E+03
Benzo (a) Pyrene	**26,000 J**	**15,000 J**	**420**	**940**	**540**			61 or MDL
Indeno (1,2,3-c,d) Pyrene	**18,000 J**	**6,400 J**		59 J	41 J			3.2E+03
Dibenzo (a,h) Anthracene			**48 J**	**96 J**	**64 J**			14 or MDL
Benzo (g,h,i) Perylene	8,000 J	7,800 J	200 J	350 J	220 J			5E+04
Total SVOCs	**501,400**	277,300	5,622	14,840	10,241			5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)								
[Method 8082]						ALL ND	NA	
Aldrin			7.3	8.2				41
Endosulfan II	33				10			9E+02
Endosulfan Sulfate	32				17			1E+03
Dieldrin			7.3					44
DDE			12					2.1E+03
DDD	25			28				2.9E+03
DDT	34	24	22		56			2.1E+03
Total Pesticides	124	24	48.6	36.2	83			1E+04
Aroclor 1248	180	240						1E+03
Aroclor 1260			60		85			1E+03
Metals (ppm)								
[Method 6010]						ALL ND	NA	
Aluminum	6,370	4,100	3,450	9,800	3,890			SB
Antimony	1.7	1.7	2.1	6.6	1.7			SB
Arsenic	**17.3**	**20.2**	**39.3**	**198**	**623**			7.5 or SB
Barium		153						300 or SB
Beryllium	**2.05**	**0.38**	**0.72**	**0.19**	**0.34**			0.16 or SB
Cadmium	0.7	0.5	0.5		0.6			1 or SB
Calcium	18,900	13,500	19,100	32.6	325			SB
Copper	**185**	**62.1**	**110**	**101**	**127**			25 or SB
Iron	**16,700**	**33,500**	**12,200**	**27,200**	**38,400**			2000 or SB
Lead	226	129	149	218	195			SB
Magnesium	5,120	6,780	9,320	272	4,250			SB
Manganese	280	148	254	107	230			SB
Nickel	**76.2**	**20.7**	**170**	12	**69.9**			13 or SB
Potassium	458	368	602	728	446			SB
Sodium	1,000	586	330	446	269			SB
Zinc	**736**	**208**	**278**	**707**	**110**			20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 4
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-2	B-3	B-4***		B-6	B-8***		B-10***		NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	1-3	2-4	1-3		4-6	2-3.5		1-3		Memo #1	94-4046
Volatile Organic Compounds (ppb)											
[Method 8260]	ALL ND		ALL ND	NA	ALL ND	ALL ND	NA	ALL ND	NA		
Methylene Chloride		6								NE	1E+02
Total VOCs		6								NE	1E+04
Semivolatile Organic Compounds (ppb)											
[Method 8270]			ALL ND								
Naphthalene							94 J	1,300	140 J	3E+05	1.3E+04
2-Methylnaphthalene							58 J	950 J	180 J	NE	3.64E+04
Acenaphthylene							310 J			NE	4.1E+04
Acenaphthene	1,000 J				1,500 J		52 J			5E+06	5E+04
Dibenzofuran	510 J				546 J		60 J			NE	6.2E+03
Fluorene	960 J				1,300 J		62 J			3E+06	5E+04
Phenanthrene	7,100				2,100 J	720 J	660	680	72 J	NE	5E+04
Anthracene							360 J			2E+07	5E+04
Fluoranthene	8,000	2,200 J		91 J	7,100	3,000 J	2,500	970	100 J	3E+06	5E+04
Pyrene	6,100	2,500 J		200 J	8,900	4,100	4,500	1,100	120 J	2E+06	5E+04
Benzo (a) Anthracene	**3,000 J**			68 J			**1,600**			220	224 or MDL
Chrysene	**3,100 J**	**1,300 J**		110 J	**3,500 J**	**2,600 J**	**2,000**	**830**		NE	400
Bis (2-ethylhexyl) Phthalate				85 J			180 J			NE	5E+04
Benzo(b) Fluoranthene		**1,200 J**			**3,100 J**	**3,100 J**		**560**		220	1.1E+03
Benzo (k) Fluoranthene	**5,400**						**3,900**		94 J	220	1.1E+03
Benzo(a) Pyrene	**1,200 J**	**540 J**		**180 J**		**1,400 J**	**1,200**			61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							460			NE	3.2E+03
Dibenzo (a,h) Anthracene					**1,600 J**		**200 J**			14	14 or MDL
Benzo (g,h,i) Perylene							610			NE	5E+04
Total TICs	NA	NA	NA	470	NA	NA	756	NA	ND	NE	NE
Total SVOCs	36,370	7,740		1,204	29,646	14,920	19,562	6,390	706	NE	5E+05
Pesticides / PCBs (ppb)											
[Method 8082]		ALL ND		NA			NA	ALL ND	NA	NE	9E+02
Endosulfan I	98									NE	9E+02
Endosulfan II	15					42				NE	2.1E+03
DDE					29	61				NE	2.9E+03
DDD	17		33		35	96				NE	2.1E+03
DDT	34		33		64	199				NE	1E+04
Total Pesticides	164										
Metals (ppm)				NA			NA		NA		
[Method 6010]										NE	SB
Aluminum	5,650	6,700	2,160		2,600	2,770		1,970		NE	SB
Antimony	2.1	2.5			6.3	12.2		4.3		NE	7.5 or SB
Arsenic	**12.7**	**56.3**	4.4		**157**	**183**		**16.3**		NE	300 or SB
Barium						122				NE	0.16 or SB
Beryllium	**0.28**	**0.55**	**0.24**		**0.41**	**0.32**		**0.51**		NE	1 or SB
Cadmium		0.5			**1.2**	**1.3**				NE	SB
Calcium	659	97.6	56,500		2,330	1,470		122		NE	10 or SB
Chromium						**15.3**				NE	25 or SB
Copper	**115**	**135**	**141**		**506**	**653**		**190**		NE	2,000 or SB
Iron	**26,700**	**30,800**	**9,670**		**78,000**	**95,300**		**30,000**		NE	SB
Lead	216	190	108		399	729		248		NE	SB
Magnesium	3,160	5,120	2		1,100	965		525		NE	SB
Manganese	241	212	154		764	745		182		NE	0.1
Mercury	**0.34**		**0.54**							NE	13 or SB
Nickel	**168**	**132**			**50**	**41.2**		**35.8**		NE	SB
Potassium	722	1,120	240		382	236		186		NE	2 or SB
Selenium	**2.3**	**3.4**			**2.9**	**2.9**		**2.6**		NE	SB
Sodium	358	183	141		205	169		414		NE	20 or SB
Zinc	**307**	**215**	**76.4**		**236**	**504**		**99.1**			
Total Cyanide (ppm)											
[Method 7471]	ND	ND	ND	NA	ND	ND	NA	ND	NA	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-12-1***		B-12-2***		B-13	B-15	B-17	NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	0-2		8-10		12-14	1-3	1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]	ALL ND	NA		NA	ALL ND	ALL ND	ALL ND		
sec-Butylbenzene			53					NE	NE
Total VOCs			53					NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]			ALL ND		ALL ND	ALL ND			
Isophorone	910 J	580						NE	4.4E+03
Napbthalene		670						3E+05	1.3E+04
2-Methylnaphthalene	560 J	680						NE	3.64E+04
Acenaphthylene		260 J					84 J	NE	4.1E+04
Acenaphthene				180 J				5E+06	5E+04
Fluorene	470 J	320 J					49 J	3E+06	5E+04
Phenanthrene		270 J		80 J			91 J	NE	5E+04
Di-n-butyl Phthalate				71 J				NE	8.1E+03
Fluoranthene		130 J		100 J			840	3E+06	5E+04
Pyrene		200 J		120 J			950	2E+06	5E+04
Benzo (a) Anthracene		90 J					490	220	224 or MDL
Chrysene		120 J						NE	400
Bis (2-ethylhexyl) Phthalate				58 J				NE	5E+04
Benzo (b) Fluoranthene							**380**	220	1.1E+03
Benzo (k) Fluoranthene		170 J						220	1.1E+03
Benzo (a) Pyrene							**300 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							110 J	NE	3.2E+03
Benzo (g,h,i) Perylene							170 J	NE	5E+04
Total TICs	30,671	ND		28,700	NA	NA	NA	NE	NE
Total SVOCs	32,611	3,490		29,309			3,464	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND	NA	ALL ND	NA	ALL ND		ALL ND		
Methoxychlor						35		NE	*
Total Pesticides						35		NE	1E+04
Metals (ppm)									
[Method 6010]		NA		NA					
Aluminum	2,700		2,060		7,450	2,120	2,930	NE	SB
Antimony	9.5		2			44.3	5	NE	SB
Arsenic	**52.3**		**13.5**		5.4	**8**	7.6	NE	7.5 or SB
Beryllium	**0.35**		**0.32**		**0.4**	**8.38**	**0.42**	NE	0.16 or SB
Cadmium					0.5	0.6	0.7	NE	1 or SB
Calcium	**148**		339		178	400	29,000	NE	SB
Copper	**115**		**50.7**		**36.1**	**80.2**	**174**	NE	25 or SB
Iron	**25,400**		**22,900**		**21,300**	**15,400**	**18,500**	NE	2,000 or SB
Lead	271		167			153	215	NE	SB
Magnesium	500		638		7,350	233	8,540	NE	SB
Manganese	67.5		70.9		267	42.7	141	NE	SB
Mercury			**0.64**				**0.42**	NE	0.1
Nickel	**21.5**		**14.5**		**242**		**25.8**	NE	13 or SB
Potassium	423		242		2,250	153	353	NE	SB
Selenium	**2.5**		**3**			1.4		NE	2 or SB
Sodium	222		971		235	110	180	NE	SB
Zinc	**116**		**96.2**		**78.6**	**80.6**	**106**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	NA	ND	NA	ND	ND	ND	NE	**
Total GRO (ppm) [Method 8015]	2.6	NA	NA	NA	NA	NA	NA	NE	NE
Total DRO (ppm) [Method 8015]	190	NA	NA	NA	NA	NA	NA	NE	NE

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
* = As per TAGM#4046, total pesticides < 10 ppm **Bold typeface =**
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-18 1-3	B-20*** 1-3		B-23 1-3	B-25 1-3	B-26 1-3	B-26A 1-3 Dupl. B-26	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]			NA						
Methylene Chloride	8	86		57	60	73	98	NE	1E+02
Total VOCs	8	86		57	60	73	98	NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]				ALL ND	ALL ND				
Naphthalene			1,400 J			40 J		3E+05	1.3E+04
2-Methylnaphthalene			1,200 J					NE	3.64E+04
Acenaphthylene							100 J	NE	4.1E+04
Acenaphthene			3,800 J					5E+06	5E+04
Dibenzofuran			2,200 J					NE	6.2E+03
Fluorene			4,800 J					3E+06	5E+04
Diethyl Phthalate	40 J							NE	7.1E+04
Phenanthrene		20,000 J	30,000			73 J	170 J	NE	5E+04
Anthracene		5,600 J	8,000 J					2E+07	5E+04
Carbazole			3,300 J					NE	NE
Di-n-butyl Phthalate			2,700 J					NE	8.1E+04
Fluoranthene		20,000 J	24,000			55 J	390	3E+06	5E+04
Pyrene		16,000 J	34,000			66 J	720	2E+06	5E+04
Benzo (a) Anthracene		**9,600 J**	**10,000**			68 J	**700**	220	224 or MDL
Chrysene		**12,000 J**	**10,000**			68 J		NE	400
Bis (2-ethylhexyl) Phthalate	42 J		1,600 J			38 J	68 J	NE	5E+04
Di-n-octyl Phthalate			2,000 J					NE	5E+04
Benzo (b) Fluoranthene		**15,000 J**				42 J	**1,600**	220	1.1E+03
Benzo (k) Fluoranthene			**18,000**					220	1.1E+03
Benzo (a) Pyrene			**4,500 J**				**100 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							210 J	NE	3.2E+03
Benzo (g,h,i) Perylene							200 J	NE	5E+04
Total TICs	NA	NA	28,260	NA	NA	NA	NA	NE	NE
Total SVOCs	82	98,200	189,760			450	4,258	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND		NA				ALL ND		
Heptachlor				4.4	8.1	15		NE	1E+02
DDT		53				24		NE	2.1E+03
Total Pesticides		53		4.4	8.1	39		NE	1E+04
Metals (ppm)									
[Method 6010]			NA						
Aluminum	10,300	4,660		6,470	2,250	2,310	1,110	NE	SB
Antimony					1.2		2.8	NE	SB
Arsenic	4.4	3.3		4	8.6	7.2	15.6	NE	7.5 or SB
Barium						247		NE	300 or SB
Beryllium	**0.65**	0.16		**0.49**	**0.39**	**0.31**	**0.27**	NE	0.16 or SB
Cadmium				0.9	0.5			NE	1 or SB
Calcium	94.3	8390		127	45.9	47.2	59.6	NE	SB
Chromium		**19.5**						NE	10 or SB
Copper	23	**232**		**48.2**	**82.4**	**89.9**	**111**	NE	25 or SB
Iron	**14,700**	**7,680**		**13,000**	**10,700**	**14,500**	**17,500**	NE	2000 or SB
Lead		130		50.6	65.9	115	215	NE	SB
Magnesium	2,870	4,330		4,460	1,220	517	371	NE	SB
Manganese	203	111		143	180	125	89.9	NE	SB
Nickel	**32.2**	**23.2**		**115**	**38.8**			NE	13 or SB
Potassium	1,210	409		633	155	511	371	NE	SB
Selenium						1.5	1.9	NE	2 or SB
Sodium	379	854		212	89.4	151	110	NE	SB
Zinc	**184**	**186**		**233**	**91.3**	**112**	**79.4**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	ND	NA	ND	ND	ND	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typefnce - Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-27***		B-29	B-31***		B-36	NYSDEC STARS	NYSDEC TAGM
Sample Depth:	2-4		1-3	1-3		1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]	ALL ND	NA			NA			
Methylene Chloride			110	39		20	NE	1E+02
Total VOCs			110	39		20	NE	1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]								
Phenanthrene		200 J			120 J		NE	5E+04
Fluoranthene	220 J	230 J	56 J	120 J	150 J	69 J	3E+06	5E+04
Pyrene	250 J	420	76 J	200 J	290 J	90 J	2E+06	5E+04
Butylbenzyl Phthalate						68 J	NE	5E+04
Benzo (a) Anthracene	140 J		62 J	110 J	92 J		220	224 or MDL
Chrysene		130 J			120 J		NE	400
Bis (2-ethylhexyl) Phthalate					39 J		NE	5E+04
Benzo (b) Fluoranthene	120 J		42 J	96 J		58 J	220	1.1E+03
Benzo (k) Fluoranthene		190 J			150 J		220	1.1E+03
Benzo (a) Pyrene	**79 J**	**83 J**		**73 J**	**150 J**		61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	38 J						NE	3.2E+03
Benzo (g,h,i) Perylene	53 J			41 J			NE	5E+04
Total TICs	NA	1,488	NA	NA	ND	NA	NE	NE
Total SVOCs	900	2,741	236	640	1,111	285	NE	5E+05
Pesticides / PCBs (ppb)								
[Method 8082]		NA	ALL ND		NA			
Heptachlor	16			4.2		6.1	NE	1E+02
DDT	8.6			9.6			NE	2.1E+03
Total Pesticides	24.6			13.8		6.1	NE	1E+04
Metals (ppm)								
[Method 6010]		NA			NA			
Aluminum	27,000		1,070	7,220		1,120	NE	SB
Antimony			1.7			5.1	NE	SB
Arsenic	3.4		**18.6**	**14.9**		**26.5**	NE	7.5 or SB
Beryllium	**0.47**		0.26			**0.43**	NE	0.16 or SB
Calcium	1,030		71.1	149		198	NE	SB
Copper	**53.9**		**58.9**	**33.3**		**98.8**	NE	25 or SB
Iron	**12,600**		**13,200**	**13,400**		**25,900**	NE	2000 or SB
Lead	217		92.2	143		265	NE	SB
Magnesium	5,340		456	527		814	NE	SB
Manganese	318		58.2	40.1		90	NE	SB
Nickel	**73**		11.1	12.9		**25.6**	NE	13 or SB
Potassium	1,110		428	538		535	NE	SB
Selenium			1.1			**2.1**	NE	2 or SB
Sodium	173		228	237		488	NE	SB
Zinc	**98.8**		**61.7**	**70.1**		**81.3**	NE	20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	NA	ND	ND	NA	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-38-1***		B-38-2***		B-38-3***		B-40-1***		B-40-2***		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Sample Depth:	0.5-2.5		4-6		12-14		13-15		21-23			
Volatile Organic Compounds (ppb)												
[Method 8260]		NA	ALL ND	NA		NA		NA	ALL ND	NA		
Methylene Chloride	31				12		13				NE	1E+02
Total VOCs	31				12		13				NE	1E+04
Semivolatile Organic Compounds (ppb)												
[Method 8270]									ALL ND			
N-nitrosodipropyl amine			820 J								NE	NE
Isophorone				280 J							NE	4.4E+03
Naphthalene	80 J	79 J									3E+05	1.3E+04
2-Methylnaphthalene	97 J	97 J									NE	3.64E+04
Acenaphthene					65 J	58 J					5E+06	5E+04
Fluorene					52 J						3E+06	5E+04
N-nitrosodiphenyl amine			1,900	390 J		230 J					NE	NE
Phenanthrene		130 J			460	540					NE	5E+04
Anthracene	140 J				94 J	150 J					2E+07	5E+04
Carbazole						43 J					NE	NE
Fluoranthene	180 J	160 J		170 J	830	850		48 J			3E+06	5E+04
Pyrene	160 J	240 J		130 J	680	600	53 J				2E+06	5E+04
Benzo (a) Anthracene	84 J	80 J			**320 J**	**340 J**					220	224 or MDL
Chrysene	110 J	100 J		50 J	390 J	380 J					NE	4E+02
Bis (2-Ethylhexyl) Phthalate		92 J	550 J	290 J	190 J	560	4,900	2,500			NE	5E+04
Benzo (b) Fluoranthene					**590**	**380 J**					220	1.1E+03
Benzo (k) Fluoranthene	170 J	130 J					64 J				220	1.1E+03
Benzo (a) Pyrene	**72 J**	**89 J**			**140 J**	**130 J**					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	55 J										NE	3.2E+03
Dibenzo (a,h) Anthracene					**160 J**						14	14 or MDL
Benzo (g,h,i) Perylene	66 J					200 J					NE	5E+04
Total TICs	NA	4,231	NA	72,136	NA	10,211	NA	831	NA	382	NE	NE
Total SVOCs	1,214	5,428	3,270	73,446	3,971	14,672	5,017	3,379		382	NE	5E+05
Pesticides / PCBs (ppb)												
[Method 8082]		NA	ALL ND	NA		NA		NA		NA		
Heptachlor	10										NE	1E+02
DDT					6		5		6.2		NE	2.1E+03
Total Pesticides	**10**				6		5		6.2		NE	1E+04
Metals (ppm)												
[Method 6010]		NA		NA		NA		NA		NA		
Aluminum	1,000		6,940		3,790		3,550		15,500		NE	SB
Arsenic	6.3		5.5		2.6		**8.8**		**10.7**		NE	7.5 or SB
Barium							**338**				NE	300 or SB
Beryllium			**0.5**		**0.18**		**0.52**		**1.01**		NE	0.16 or SB
Calcium	107		259		200		7,670		269		NE	SB
Chromium							**119**				NE	10 or SB
Copper	**33.3**		**159**		**31.3**		**67.1**		**39.7**		NE	25 or SB
Iron	**3,620**		**16,900**		**8,810**		**9,320**		**13,100**		NE	2000 or SB
Lead	65.5		203		58.8		14.5		122		NE	SB
Magnesium	506		4,290		2,810		630		5,340		NE	SB
Manganese	17.9		126		65.1		146		739		NE	SB
Mercury	**0.32**		**0.36**				**1.16**				NE	0.1
Nickel			**68.6**		**65**		**15.1**		**43.1**		NE	13 or SB
Potassium	615		957		1,060		397		2,660		NE	SB
Selenium	1.1		1.8				1.8				NE	2 or SB
Sodium	1,360		3,600		1,000		493		4,550		NE	SB
Zinc	**72.8**		**220**		**94.6**		**208**		**162**		NE	20 or SB
Total Cyanide (ppm)												
[Method 7471]	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivoletile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-43-1 0.5-2.5	B-43-2 8.5-10.5	B-44-1 1.5-3.5	B-44-2 12-14	B-45 1-3	FB091598	TB091598	TB091798	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)										
[Method 8260]						ALL ND	ALL ND	ALL ND		
Methylene Chloride			11		4.9J				NE	1E+02
Acetone		13JB	44B	20JB	20JB				NE	2E+02
1,1,2,2-Tetrachloroethane	*			4.6J					NE	6E+02
m,p-Xylene	1.3J								2E+08/NE	1.2E+03
Total VOCs	1.3	13	55	24.6	24.9				NE	1E+04
Semivolatile Organic Compounds (ppb)										
[Method 8270]		ALL ND			ALL ND	ALL ND	NA	NA		
Naphthalene	50 J								3E+05	1.3E+04
2-Methylnaphthalene	44 J		64 J						NE	3.64E+04
Acenaphthylene	69 J								NE	4.1E+04
Acenaphthene	190 J								5E+06	5E+04
Dibenzofuran	69 J								NE	6.2E+03
Fluorene	140 J								3E+06	5E+04
Phenanthrene	1,200		180 J	150 J					NE	5E+04
Anthracene	410		200 J	42 J					2E+07	5E+04
Fluoranthene	1,900		200 J	230 J					3E+06	5E+04
Pyrene	3,200		230 J	210 J					2E+06	5E+04
Benzo (a) Anthracene	**1,100**		92 J	93 J					220	224 or MDL
Chrysene	**1,400**		210 J	120 J					NE	400
Bis (2-Ethylhexyl) Phthalate	490			48 J					NE	5E+04
Benzo (b) Fluoranthene	**3,300**		**316 J**	220 J					220	1.1E+03
Benzo (a) Pyrene	**1,200**		**110 J**	56 J					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	76 J								NE	3.2E+03
Dibenzo (a,h) Anthracene	**85 J**								14	14 or MDL
Benzo (g,h,i) Perylene	270 J			51 J					NE	5E+04
Total TICs	NA	NA	NA	NA	NA	NA	NA	NA		
Total SVOCs	15,193		1,596	1,220					NE	5E+05
Pesticides / PCBs (ppb)										
[Method 8082]		ALL ND	ALL ND	ALL ND	ALL ND	ALL ND	NA	NA		
Endosulfan Sulfate	8.3								NE	1E+03
DDT	3.8								NE	2.1E+03
Total Pesticides	12.1								NE	1E+04
Metals (ppm)										
[Method 6010]										
Aluminum	8,460	4,130	2,140	2,220	5,510				NE	SB
Antimony			24.1						NE	SB
Arsenic	**13**	6.4	**18.9**	7.7	3				NE	7.5 or SB
Beryllium	**0.87**	**0.26**		**0.37**	**0.46**				NE	0.16 or SB
Calcium	543	294	45,200	538	163				NE	SB
Copper	**93.5**	**27.7**	**788**	**57**	**26.9**				NE	25 or SB
Iron	**34,700**	**9,700**	**14,400**	**7,850**	**9,030**				NE	2000 or SB
Lead	96.8	77.1	240	192	26.9				NE	SB
Magnesium	3170	3190	671	633	3920				NE	SB
Manganese	434	117	63.9	74.6	241				NE	SB
Mercury				**0.52**					NE	0.1
Nickel	**98.9**	**61.4**	11.8	**15.2**	**130**				NE	13 or SB
Potassium	1040	1560	256	267	774				NE	SB
Selenium				**2.7**					NE	2 or SB
Sodium	258	259	729	544	220				NE	SB
Zinc	**153**	**214**	**611**	**173**	**663**				NE	20 or SB
Total Cyanide (ppm)										
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

MDL = Method Detection Limit
J = Detected below MDL, estimated value
Bold typeface -Soil criterion has been exceeded

TRC

SUPPLEMENTAL SITE INVESTIGATION REPORT

BALLPARK AT ST. GEORGE STATION, STATEN ISLAND, NEW YORK

Prepared for
New York City Economic Development Corp.
New York, New York

Prepared by
TRC Environmental Corporation
Windsor, Connecticut

TRC Project No. 14638-0310
September 1999

TRC Environmental Corporation
5 Waterside Crossing
Windsor, Connecticut 06095
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TABLE 3-1 (continued)
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-11	SS-12	H-SB3	H-SB3-2	H-SB3A	H-SB3B	NYSDEC TAGM	DEC TAGM 4046 SOIL CLEANUP	DEC TAGM 4046 SOIL CLEANUP
Sample Depth:	0 - 3"	0 - 3"	0 - 3"	3 - 6"	0 - 3"	0 - 3"	94-4046	PROTECT GW	HUM HEALTH
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)			NA	NA	NA	NA			
4-Methylphenol		65 J					900	900	4,000,000
Naphthalene	130 J	290 J					13,000	13,000	300,000
2-Methylnaphthalene	130 J	280 J					36,400	36,400	NE
Acenaphthylene	260 J	790					41,000	41,000	NE
Acenaphthene		92 J					50,000	90,000	5,000,000
Dibenzofuran	120 J	210 J					6,200	6,200	NE
Fluorene		100 J					50,000	350,000	3,000,000
Pentachlorophenol		110 J					1,000 or MDL	1,000	2,000,000
Phenanthrene	700	2,100					50,000	220,000	NE
Anthracene	460 J	920					50,000	700,000	20,000,000
Carbazole	140 J	720					NE	NE	NE
Di-n-butyl Phthalate		150 J					8,100	8,100	8,000,000
Fluoranthene	1,600	6,600 D					50,000	1,900,000	3,000,000
Pyrene	1,500	5,400 D					50,000	665,000	2,000,000
Butylbenzyl Phthalate	69 J	66 J					50,000	122,000	20,000,000
Benzo (a) Anthracene	830	2,300 JD					224 or MDL	3,000	224
Chrysene	1,600	3,800 D					400	400	NE
Bis (2-Ethylhexyl) Phthalate	310 J	230 J					50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate							50,000	120,000	2,000,000
Benzo (b) Fluoranthene	2,400	5,200 D					1,100	1,100	NE
Benzo (k) Fluoranthene	2,200	2,600 JD					1,100	1,100	NE
Benzo (a) Pyrene	900	2,400					61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	410 JD	1,000 JD					3,200	3,200	NE
Dibenzo (a,h) Anthracene	150 J	500 JD					14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	330 JD	730 JD					50,000	800,000	NE
Total TICs	33,060	21,570					NE	NE	NE
Total SVOCs	47,299	58,158					500,000		
METALS (ppm)								EASTERN USA BACKGROUND	
Aluminum	2,790	2,750	2,480	3,810	3,160	4,940	SB	33,000	
Antimony	15.2 B	11.9 B	12.4	17.8			SB	NE	
Arsenic	466	278	22.8	34.5	31.1	1.7	7.5 or SB	3-12 (**)	
Barium	84.2	232	37.7	107	54.9	25.7 B	300 or SB	15-600	
Beryllium	1.9	2.9	5.2	2.6	3.6	0.46 B	0.16 or SB	0-1.75	
Cadmium	4.5	7.1	8.5	4.8	5.7	1.1	1 or SB	0.1-1	
Calcium	3,710	1,390	128,000	45,300	74,100	4,960	SB	130-35,000(**)	
Chromium	32	51	15	15	22	15	10 or SB	1.5-40(**)	
Cobalt	8 B	10 B	5 B	4 B	6.3 B	7.2 B	30 or SB	2.5-60(**)	
Copper	164	243	52.5	129	58.5	11.3	25 or SB	1-50	
Iron	62,300	120,000	8,890	14,000	14,300	5,700	2,000 or SB	2,000-550,000	
Lead	330	722	153	213	169	10.1	SB (200-500)	(***)	
Magnesium	1,190 B	852 B	73,900	27,500	49,800	9,080	SB	100-5,000	
Manganese	368	1,060	154	115	233	57	SB	50-5,000	
Mercury	0.64	0.52		0.1 B	0.05 B		0.1	0.001-0.2	
Nickel	35.8	48.5	27.7	24.2	82.7	110	13 or SB	0.5-25	
Potassium	447 B	469 B	1,180	744 B	682 B	314 B	SB	8,500-43,000(**)	
Selenium							2 or SB	0.1-3.9	
Silver			2.5				SB	NE	
Sodium	618 B	551 B	580 B	508 B	570 B	572 B	SB	6,000-8,000	
Thallium							SB	NE	
Vanadium	73	79	19	30	24	20	150 or SB	1-300	
Zinc	136	309	868	1,810	116	27.1	20 or SB	9-50	
Cyanide	NA	NA	NA	NA	NA	NA	–	NE	

Notes:
Bold Typeface = Soil guideline has been exceeded
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
D = Dilution factor of 5.0 was used to establish value shown
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used to establish value shown
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to Instrument Detection Limit (IDL)

TABLE 3-2
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-46-1 0 - 2'	B-47-1 0 - 2'	B-47-2 6 - 8'	B-48-1 0 - 2'	B-49-1 0 - 2'	B-50-1 0 - 2'	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)										
Methylene Chloride	14	19 B	19 B	14 B	45 B	25 B	NE	100	100	93,000
Acetone							NE	200	110	8,000,000
Chloroform						1 J	NE	300	300	114,000
Toluene				2 J			2E+07	1,500	1,500	20,000,000
Total TICs	25	76	304	13	135	64				
Total VOCs	39	95	323	29	180	90	NE	10,000		
Semivolatile Organic Compounds (ppb)										
Naphthalene	43 J	590 J		230 JD		450	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	42 J	330 J		400 JD		420	NE	36,400	36,400	NE
Acenaphthylene	98 J	1,100	300 J	200 JD		420	NE	41,000	41,000	NE
Acenaphthene	68 J	2,200	400	1,200 JD		1,300	5E+06	50,000	90,000	5,000,000
Dibenzofuran	57 J	1,100	330 J	540 JD		760	NE	6,200	6,200	NE
Fluorene	74 J	2,100	640	1,300 JD		1,500	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)			1,000				NE	NE	NE	NE
Diethyl Phthalate							NE	7,100	7,100	60,000,000
Phenanthrene	850 JD			8,900 D			NE	50,000	220,000	NE
Anthracene	260 J	6,000 JD	880	2,000		3,000 JD	2E+07	50,000	700,000	20,000,000
Carbazole	110 J	3,600	620	790 JD		1,400	NE	NE	NE	NE
Di-n-butyl Phthalate							NE	8,100	8,100	8,000,000
Fluoranthene	2,000 D	41,000 D	4,500 D	10,000 D			3E+06	50,000	1,900,000	3,000,000
Pyrene	2,000 D	38,000 D	3,700 D	14,000 D	78 J		2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate	46 J	220 J		73 J			NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	1,100	21,000 D	2,200	5,200 D			220	224 or MDL	3,000	224
Chrysene	1,400 JD	21,000 D	1,800	5,000 D	66 J	7,800 JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	600	2,800	120 J	1,000 JD		810	NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate	46 J			99 J			NE	50,000	120,000	2,000,000
Benzo(b) Fluoranthene	1,600	25,000 D	2,100	6,300 D		6,100 JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	2,000	16,000 JD	2,600	7,300 D		6,500 JD	220	1,100	1,100	NE
Benzo(a) Pyrene	1,200	21,000 D	1,900	5,200 D		7,000 JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	490	6,700 JD	720 JD	1,500		2,700 JD	NE	3,200	3,200	NE
Dibenzo (a,h) Anthracene		5,100 J	350 JD	880		2,000 JD	14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	470	5,100 JD	620 JD	1,000		2,200 JD	NE	50,000	800,000	NE
Total TICs	19,370	31,910	38,130	80,550	24,260	52,430				
Total SVOCs	33,924	251,850	62,910	153,662	24,404	96,790	NE	500,000		
Metals (ppm)									**EASTERN BACKGROUND**	
Aluminum	3,350 E	14,200 E	5,840	5,910 E	2,430 E	4,810 E	NE	SB	33,000	
Antimony	54.4	23.7		54.4	28.2	19.5	NE	SB	NE	
Arsenic	42.7	4.9	5.6	32.8	22.4	72.8	NE	7.5 or SB	3-12 (**)	
Barium	91.8 EN	80.5 EN	49.4	144 EN*	78.5 EN	84.2 EN	NE	300 or SB	15-600	
Beryllium	1	1.3	1.8	3.8	1.6	1.7	NE	0.16 or SB	0-1.75	
Cadmium	2.4	3	3	8.2	4.6	3.2	NE	1 or SB	0.1-1	
Calcium	12,800 E	21,400 E	3,300	17,200 *	1,030 E	13,000 E	NE	SB	130-35,000(***)	
Chromium	16.6	37.3	49.2	86.4 N*	17.2	21.8	NE	10 or SB	1.5-40(**)	
Cobalt	6.1	12.6	24.1	9.9 B	6.7	11.7	NE	30 or SB	2.5-60(**)	
Copper	78 N	77.5 N	82.2	346 N	128 N	272 N	NE	25 or SB	1-50	
Iron	21,300 E	17,000 E	24,400	128,000	53,700 E	36,100 E	NE	2,000 or SB	2,000-550,000	
Lead	398	114	92.3	1670	979	315	NE	SB (200-500)	(***)	
Magnesium	2,330 E	7,950 E	33,200	5,970	1,180 E	6,140 E	NE	SB	100-5,000	
Manganese	124 E	206 E	215	496 E	133 E	574 E	NE	SB	50-5,000	
Mercury	0.64	0.19	1.2	0.23	0.48	0.23	NE	0.1	0.001-0.2	
Nickel	29.8	32.8	359	93.9 EN	31.1	35.9	NE	13 or SB	0.5-25	
Potassium	672	764	1,380	481 B	558	685 B	NE	SB	8,500-43,000(**)	
Selenium	0.51 W						NE	2 or SB	0.1-3.9	
Silver	2.2			2.2			NE	SB	NE	
Sodium	585	2,020	841	808 B	568	687 B	NE	SB	6,000-8,000	
Vanadium	30.4	91.5	25.5	69.6	15.8	29.8	NE	150 OR SB	1-300	
Zinc	157 N	200 N	261	327 E	373 N	154 N	NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit

J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-46-1, B-47-2 and B-48-1 to establish value
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value

Organics:
B = Also detected in blank sample

Inorganics:
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-51-1 0 - 2'		B-52-1 0 - 2'		B-52-2 6 - 8'		B-53-1 0 - 2'		B-53-2 4 - 6'		B-53-3 6 - 8'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	30	B	13	B	74	B	60	B	100	JB	10	JB	NE	100	100	93,000
Acetone					77								NE	200	110	8,000,000
Chloroform	3	J			25	J	3	J	26	J			NE	300	300	114,000
Toluene							1	J					2E+07	1,500	1,500	20,000,000
Total TICs	341		13		5,500		138		7,880		571					
Total VOCs	374		26		5,676		202		8,006		581		NE	10,000		
Semivolatile Organic Compounds (ppb)																
Naphthalene			140	J			390						3E+05	13,000	13,000	300,000
2-Methylnaphthalene			150	J			200	J					NE	36,400	36,400	NE
Acenaphthylene	93	J	140	J			120	J					NE	41,000	41,000	NE
Acenaphthene			88	J	840	J	2,200	JD	1,400	J	780	J	5E+06	50,000	90,000	5,000,000
Dibenzofuran	38	J	100	J			800	JD	930	J			NE	6,200	6,200	NE
Fluorene			96	J	2,000	J	1,700	JD	1,900	J	470	J	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)									4,700				NE	NE	NE	NE
Diethyl Phthalate			710	JD									NE	7,100	7,100	60,000,000
Phenanthrene	350	J	960		1,200	J			1,000	J			NE	50,000	220,000	NE
Anthracene	110	J	300	J	920	J	3,500	D	480	J			2E+07	50,000	700,000	20,000,000
Carbazole							1,100						NE	NE	NE	NE
Di-n-butyl Phthalate							140	J					NE	8,100	8,100	8,000,000
Fluoranthene	620		1,600	JD	2,200	J	18,000	D	440	J			3E+06	50,000	1,900,000	3,000,000
Pyrene	410		1,400	JD	1,500	J	16,000	D	460	J			2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate			63	J	690	J							NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	220	J	960		680	J	7,800	D					220	224 or MDL	3,000	224
Chrysene	490		1,200				8,400	D					NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	72	J	790				710						NE	50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate			69	J			44	J					NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	320	J	1,500		460	J	9,000	D					220	1,100	1,100	NE
Benzo (k) Fluoranthene			1,200		590	J	6,700	JD					220	1,100	1,100	NE
Benzo (a) Pyrene	180	J	1,100		610	J	8,300	D					61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	120	J	540				3,500	JD					NE	3,200	3,200	NE
Dibenz (a,h) anthracene	68	J	300	J			1,900	JD					14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	95	J	590				3,300	JD					NE	50,000	800,000	NE
Total TICs	11,020		29,530		148,400		41,830		98,200		114,100					
Total SVOCs	14,206		43,526		160,090		135,634		109,510		115,350		NE	500,000		
Metals (ppm)																
															EASTERN BACKGROUND	
Aluminum	4,850	E	6,030	E	3,390	E	6,780	E	11,700	E	9,590	E	NE	SB	33,000	
Antimony	13.6	*	21.9		17.4								NE	SB	NE	
Arsenic	108		77.4		20.6		99.4		3.7		8.9		NE	7.5 or SB	3-12 (**)	
Barium	80.3	E	189	EN	75.1	EN	120	E	72.2	E	52.9	E	NE	300 or SB	15-600	
Beryllium	1.2		1.5		0.63		1.2		0.92		0.93	B	NE	0.16 or SB	0-1.75	
Cadmium	2.2		2.4		2.7		2		1.6		2.1		NE	1 or SB	0.1-1	
Calcium	893	B	22,300	E	1,750	E	8,670		3,530		1,650		NE	SB	130-35,000(***)	
Chromium	15.5		27.4		13.5		24.1		25.5		23.5		NE	10 or SB	1.5-40(***)	
Cobalt	6.9	B	7.5	B	18.6		7.8	B	9.8		11.1	B	NE	30 or SB	2.5-60(***)	
Copper	257	E	122	N	86.4	N	103	E	47.4	E	39.9	E	NE	25 or SB	1-50	
Iron	29,000	E	21,400	E	13,000	E	20,100	E	16,000	E	18,000	E	NE	2,000 or SB	2,000-550,000	
Lead	251		291		111		233		113		61		NE	SB (200-500)	(***)	
Magnesium	375	B	3,700	E	1,140	BE	4,080		5,970		3,470		NE	SB	100-5,000	
Manganese	182	EN*	124	E	46.9	E	199	EN*	228	EN*	131	EN*	NE	SB	50-5,000	
Mercury	0.21		0.57		0.25		1.4		0.47		0.21		NE	0.1	0.001-0.2	
Nickel	15.9		48.8		45.9		49.5		73.4		52.9		NE	13 or SB	0.5-25	
Potassium	687	B	838		683		800	B	2,300		2,040		NE	SB	8,500-43,000(**)	
Selenium													NE	2 or SB	0.1-3.9	
Silver											2.2	BN	NE	SB	NE	
Sodium	534	B	1,010		739		823		1,110		921		NE	SB	6,000-8,000	
Vanadium	22.7		57.6		18.8		33.6		29.7		25.1		NE	150 OR SB	1-300	
Zinc	38.2		168	N	523	N	153		82.5		136		NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-52-1 to establish value shown
Dilution factor of 10.0 used for B-52-2 and B-53-3 to establish value shown
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value shown
Organics: B = Also detected in blank sample
Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	MW-13-1 0 - 2'		MW-14-1 0 - 2'		MW-15-1 0 - 2'		MW-15-2 2 - 4'		MW-16-1 0 - 2'		MW-17-1 0 - 2'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	14	B	42	B	18	B	9	JB	17	B	33	B	NE	100	100	93,000
Acetone													NE	200	110	8,000,000
Chloroform													NE	300	300	114,000
Toluene	2	J	7	J	4	J	4	J	3	J			2E+07	1,500	1,500	20,000,000
Total TICs	131		648		26		13		13		53		NE	10,000		
Total VOCs	147		697		48		26		33		86					
Semivolatile Organic Compounds (ppb)																
Naphthalene	170	J	360	J	600	J	2,800	JD			74	J	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	210	J	410		500	J	2,500	JD	48	J	50	J	NE	36,400	36,400	NE
Acenaphthylene	36	J	120	J	1,900	JD	360	J	68	J	290	J	NE	41,000	41,000	NE
Acenaphthene			55	J	4,900	JD	5,000				450		5E+06	50,000	90,000	5,000,000
Dibenzofuran	83	J	170	J	2,300	JD	5,800	JD			180	J	NE	6,200	6,200	NE
Fluorene			82	J	4,300		12,000	JD			440		3E+06	50,000	350,000	3,000,000
Diethyl Phthalate													NE	7,100	7,100	60,000,000
Phenanthrene	260	J	960						440		5,300	JD	NE	50,000	2.2E+05	NE
Anthracene	52	J	240	J	14,000	JD			130	J	1,500		2E+07	50,000	700,000	20,000,000
Carbazole			140	J	5,500	JD	10,000	JD	45	J	720		NE	NE	NE	NE
Di-n-butyl Phthalate							120	J			47	J	NE	8,100	8,100	8,000,000
Fluoranthene	290	J	1,100		72,000	D	67,000	JD	740		11,000	D	3E+06	50,000	1,900,000	3,000,000
Pyrene	240	J	1,100		6,200	D	60,000	D	840		9,900	D	2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate					380	J	390	J	50	J	74	J	NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	140	J	620		33,000	D	3,000	D	450		5,300	JD	220	224 or MDL	3,000	224
Chrysene	220	J	1,000		32,000	D	29,000	D	510		5,400	JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	91	J	89	J	4,700		5,200		220	J	1,400		NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate					160	J			53	J	64	J	NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	260	J	1,000		30,000	D	28,000	D			8,100	JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	170	J	1,100		36,000	D	34,000	D			6,100	JD	220	1,100	1,100	NE
Benzo (a) Pyrene	99	J	650		31,000	D	28,000	D			6,800	JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	44	J	270	J	9,000	JD	7,600	JD	150	J	2,400		NE	3,200	3,200	NE
Dibenz (a,h) anthracene			140	J	5,200	JD	4,600	JD			1,300		14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene			220	J	7,300	JD	6,200	JD			2,000		NE	50,000	800,000	NE
Total TICs	14,308		19,400		31,785		93,230		27,600		45,020		NE	500,000		
Total SVOCs	16,673		29,226		332,725		404,800		31,344		113,909					
Metals (ppm)															**EASTERN BACKGROUND**	
Aluminum	2,710	E	4,660	E	9,920	E	8,830	E	3,850		9,760		NE	SB	33000	
Antimony	14.5		41.7		14.4		14.7						NE	SB	N/A	
Arsenic	307		273		63.9		15		13.2		7.6		NE	7.5 or SB	3-12 (**)	
Barium	77.1	EN	191	EN	132	EN	139	EN	127		89		NE	300 or SB	15-600	
Beryllium	2.4		1.5		2.7		2.4		1.5		1.1		NE	0.16 or SB	0-1.75	
Cadmium	3.8		2.7		2.7		3.8		3.3		2.7		NE	1 or SB	0.1-1	
Calcium	7,800	E	5,910	E	25,900	E	37,200	E	19,300		22,800		NE	SB	130-35,000(**)	
Chromium	133		21.1		46.1		37		17.8		37		NE	10 or SB	1.5-40(**)	
Cobalt	24.1		6.1	B	12.2		10.4		7	B	7.7	B	NE	30 or SB	2.5-60(**)	
Copper	37	N	150	N	160	N	129	N	127		61.6		NE	25 or SB	1-50	
Iron	22,300	E	35,300	E	28,000	E	13,500	E	22,300		13,000		NE	2,000 or SB	2,000-550,000	
Lead	93.1		260		181		235		965		161		NE	SB (200-500)	(***)	
Magnesium	53,000	E	1,330	E	9,670	E	9900	E	5,520		7,580		NE	SB	100-5,000	
Manganese	426	E	174	E	241	E	265	E	197		186		NE	SB	50-5,000	
Mercury	0.51		0.17		0.24		0.25		1.1		0.13		NE	0.1	0.001-0.2	
Nickel	464		25.9		51.2		50.9		46.3		35.8		NE	13 or SB	0.5-25	
Potassium	737	B	873	B	906		711		261	B	358	B	NE	SB	8,500-43,000(**)	
Selenium			0.44	BW					0.53	B			NE	2 or SB	0.1-3.9	
Silver													NE	SB	N/A	
Sodium	647	B	655	B	1,380		1,430		540	B	1,440		NE	SB	6,000-8,000	
Vanadium	36		45.4		76.3		75.5		19		66.7		NE	150 OR SB	1-300	
Zinc	32.7	N	155	N	265	N	513	N	176		120		NE	20 or SB	9-50	

Notes:
NE= Value Not Established
SB = Site Background
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit

Bold typeface = Soil guideline has been exceeded

J = Detected below MDL, estimated value
D = Dilution factor of 20.0 used for MW-15-1 and MW-15-2 to establish value shown
Dilution factor of 25.0 used for MW-17-1 to establish value shown

Organics: B = Also detected in blank sample

Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

AKRF

Ashutosh Sharma <asharma@akrf.com>

VCP Site V00228 - NY Wheel

O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov> Wed, Nov 4, 2015 at 2:51 PM
To: Ashutosh Sharma <asharma@akrf.com>
Cc: "Crawford, Nigel (DEC)" <nigel.crawford@dec.ny.gov>, Marcus Simons <msimons@akrf.com>

The copper numbers have me very concerned, especially given that these results are from composite samples. We would only allow this material to be reused under a foundation (i.e., parking garage). As for sampling frequency, you can reduce the frequency as requested for the VOCs and SVOCs, but for metals you need to follow the sampling frequency in DER-10.

Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

New York State Department of Environmental Conservation

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov | |

From: O'Connell, Jane H (DEC)
Sent: Wednesday, November 04, 2015 11:39 AM
To: 'Ashutosh Sharma'
Cc: Crawford, Nigel (DEC); Marcus Simons
Subject: RE: VCP Site V00228 - NY Wheel

Please clarify – there is a total of 15,000 yards of soil to be reused and you've sampled the first 6000 yards at the frequency outlined in the Oct. 15 letter, so that there is approx. 9000 yards remaining to be sampled at the proposed frequency?

Jane H. O'Connell

Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

New York State Department of Environmental Conservation

47-40 21st Street, Long Island City, NY 11101

P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov

www.dec.ny.gov |

From: Ashutosh Sharma [mailto:asharma@akrf.com]
Sent: Wednesday, November 04, 2015 11:07 AM
To: O'Connell, Jane H (DEC)
Cc: Crawford, Nigel (DEC); Marcus Simons
Subject: Re: VCP Site V00228 - NY Wheel

Hi Jane,

This soil is intended for use below the Site cap (under the foundation slab or capped areas). As per the requirements mentioned under section A-7 of the Excavation Work Plan of the SMP, the results of the soil intended for reuse below the Site cap are to compared to the prior testing data in Apendix J. The results were compared to the prior testing data and the results are within the Site background ranges as detailed in the reuse request report.

The criteria mentioned under Table 5 of the SMP is for the soil intended to be used as part of the Site cover (i.e, in unpaved areas of the Site). We do not plan to use this soil in the landscaped areas or above the Site cover.

Regards,

Ashutosh Sharma

Environmental Scientist

.....

AKRF, INC.
Environmental, Planning, and Engineering Consultants

440 Park Ave South , 7th Floor | New York , NY 10016
C) 347.249.0652 | O) 646.388.9865 | F) 212.726.0942

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On Wed, Nov 4, 2015 at 10:50 AM, O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov> wrote:

> I got your phone message. Unfortunately Nigel is out on vacation until Nov. 15. I took a look at the original request dated Oct. 15. The data should be compared against the site-specific criteria contained in table 5 of the SMP. It looks like this soil would not meet those criteria and therefore would not be appropriate for on-site reuse. As for sampling frequency, given that this material does not meet the reuse criteria I don't see a compelling argument to lessen the sampling frequency.
>
> **Jane H. O'Connell**
>
> Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation
>
> **New York State Department of Environmental Conservation**
>
> 47-40 21st Street, Long Island City, NY 11101
>
> P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov
>
> www.dec.ny.gov |

From: Ashutosh Sharma [mailto:asharma@akrf.com]
Sent: Friday, October 23, 2015 9:07 AM
To: Crawford, Nigel (DEC)
Cc: O'Connell, Jane H (DEC)

Subject: Re: VCP Site V00228 - NY Wheel

Hi Nigel,

We intend to reuse approximately 10,000 to 15, 000 cubic yards of soil on-site below the cap.

Regards,

Ashutosh Sharma

Environmental Scientist
.....

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On Thu, Oct 22, 2015 at 8:31 AM, Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov> wrote:

> Ashutosh: How many total yards of material are you planning to reuse? Nigel
>
> **From:** Ashutosh Sharma [mailto:asharma@akrf.com]
> **Sent:** Wednesday, October 21, 2015 2:06 PM
> **To:** Crawford, Nigel (DEC)

Subject: Re: VCP Site V00228 - NY Wheel

Hi Nigel,

Checking in to see if you got a chance to go through the reuse request report. Please let us know your decision.

Thanks

Regards,

Ashutosh Sharma

Environmental Scientist
.....

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On Fri, Oct 16, 2015 at 12:10 PM, Ashutosh Sharma <asharma@akrf.com> wrote:

> Attached is the soil reuse request.
>
> Regards,
>
> **Ashutosh Sharma**
>
> Environmental Scientist
> .....
>
> **AKRF, INC.**
> *Environmental, Planning, and Engineering Consultants*

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On Fri, Oct 16, 2015 at 10:35 AM, Ashutosh Sharma <asharma@akrf.com> wrote:

> Nigel,
>
> We propose to collect one sample for every 5,000 cubic yards of soil intended for reuse below the site cap.
>
> Regards,
>
> **Ashutosh Sharma**
>
> Environmental Scientist
> .....
>
> **AKRF, INC.**
> *Environmental, Planning, and Engineering Consultants*
>
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>
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>
> On Fri, Oct 16, 2015 at 10:24 AM, Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov> wrote:
>
> > Ashutosh: What do you propose? Nigel
> >
> > **From:** Ashutosh Sharma [mailto:asharma@akrf.com]
> > **Sent:** Thursday, October 15, 2015 5:10 PM

To: Crawford, Nigel (DEC)
Cc: Marcus Simons; Michelle Lapin; Robert Caravella
Subject: VCP Site V00228 - NY Wheel

Nigel,

The excavation is underway for the NY Wheel project and the excavated soil is being stockpiled on-site for reuse under the cap. As per the requirements of the SMP, soil samples were collected and analyzed from the stockpile prior to reuse. Please find attached the soil reuse request documenting the sampling procedures and the analytical results. Additionally, based on the recent soil sampling data, we are requesting a reduced sampling frequency for future soil reuse scenarios.

Please review and let us know if this is acceptable.

Regards,

Ashutosh Sharma

Environmental Scientist

.....

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February 16, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse and Sampling Plan Approval Request

Dear Mr. Crawford:

As part of site preparation and foundation work at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site, soil excavated from beneath the Site cap has been either reused at the same or proximate locations, or stockpiled on Site, in accordance with the Site Management Plan (SMP) (AKRF, February 2015). The current stockpile of approximately 15,000 cubic yards (CY) is being considered for reuse on-site below the future building foundations or other Site cap. This letter contains the laboratory analytical data for your review and approval of its on-site reuse.

In accordance with Table 6 of the SMP, on January 27, 2016, 15 grab samples were collected for volatile organic compounds (VOCs) analysis; and 16 five-point composite samples were collected for semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and TAL Metals analysis. The reduced sampling frequency for VOCs was previously approved by NYSDEC via email dated November 4, 2015. In addition, for QA/QC purposes, duplicates of the grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), a trip blank, and a field blank were collected. Sample SP-DUP-1 was a duplicate of SP-108-G (G= grab sample) and SP-108-C (C= composite sample), and SP-DUP-2 was a duplicate of SP-109-G and SP-109-C. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID), during excavation and during stockpile sampling, but no elevated readings were detected.

The laboratory analytical results are summarized in Tables 1 to 4. Complete laboratory analytical data is included as Attachment A. In accordance with the SMP, the data was compared to historical soil sampling data obtained during previous Site investigations in 1998 and 1999, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) (Table 5 of the SMP). Since Site soil was capped in place rather than removed as part of previous remedial activities, this historical data is assumed to be representative of existing sub-cap soil quality. Ranges of contaminant concentrations detected in historical samples are included in Tables 1 to 4, with the historical sampling locations shown on Figure 1, and the relevant historical tables included as Attachment B.

The analytical data showed;

- **VOCs** – none were detected above the Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs) or above the historical background ranges in the stockpile samples.
- **SVOCs** - several compounds were detected, but only at concentrations either below USCOs or below the maximum historical background concentrations.
- **Pesticides** - 4,4'-DDD and 4,4'-DDT were detected in one sample (SP-123-C) but only below USCOs or below the maximum historical background concentrations.
- **PCBs** - not detected in any of the analyzed samples.
- **Metals** - detected at concentrations below USCOs or within the background ranges except for arsenic, chromium, mercury and nickel. Arsenic was detected in SP-111-C at 334 milligrams per kilograms (mg/kg), slightly above the previous background maximum concentration of 307 mg/kg. Chromium was detected in SP-108-C at 139 mg/kg, slightly above the previous background maximum concentration of 133 mg/kg. Mercury was detected in SP-113-C, SP-114-C, SP-115-C and SP-121A-C at concentrations ranging from 0.71 mg/kg to 2 mg/kg, above the previous background maximum concentration of 0.57 mg/kg. Nickel was detected in several samples at concentrations ranging from 555 mg/kg to 1,990 mg/kg, above the previous background maximum concentration of 464 mg/kg. The detected metals concentrations are within a factor of 5 of the previous sampling and are most likely attributable to the Site's historical fill.

Based on these findings, the stockpiled soil appears to be generally consistent with the contaminant levels elsewhere in sub-cap Site soil, and is thus suitable for reuse on-site beneath the final cap (i.e., concrete slab, impervious pavement or a minimum 12-inch layer of clean cover soil). Although certain metals in a few samples slightly were outside of the previously measured background ranges, this is most likely indicative of random variation within the fill material and does not indicate a different source. Additionally, their presence beneath the cap at these levels will not present a concern given the lack of an exposure pathway once the cap is completed.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

cc: Robert Caravella, Michelle Lapin / AKRF

TABLES

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-G 460-108135-1 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-G 460-108135-4 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-G 460-108135-7 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.3 U *	1.1 U *	1.3 U *	1.3 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dioxane	100	100	ND	29 U	26 U	23 U	26 U	25 U
2-Butanone (MEK)	120	120	ND-22	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
2-Hexanone	NS	NS	ND-20	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Acetone	50	50	ND-57	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Benzene	60	60	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromoform	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon disulfide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon tetrachloride	760	760	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroform	370	370	ND-10	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Cyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methyl acetate	NS	NS	NA	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylene Chloride	50	50	ND-98	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
o-Xylene	261 TS	1,600 TS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Styrene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Toluene	700	700	ND-7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichloroethene	470	470	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Vinyl chloride	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-111-G 460-108135-9 1/27/2016	SP-112-G 460-108135-11 1/27/2016	SP-113-G 460-108135-13 1/27/2016	SP-114-G 460-108135-15 1/27/2016	SP-115-G 460-108135-17 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.7 U *	1.2 U *	1.4 U *	1.4 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dioxane	100	100	ND	30 U	33 U	24 U	27 U	28 U
2-Butanone (MEK)	120	120	ND-22	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
2-Hexanone	NS	NS	ND-20	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Acetone	50	50	ND-57	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Benzene	60	60	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromoform	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon disulfide	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon tetrachloride	760	760	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloroethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloroform	370	370	ND-10	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Cyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methyl acetate	NS	NS	NA	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylene Chloride	50	50	ND-98	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
o-Xylene	261 TS	1,600 TS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Styrene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Toluene	700	700	ND-7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Trichloroethene	470	470	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Vinyl chloride	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-116-G 460-108135-19 1/27/2016	SP-117-G 460-108135-21 1/27/2016	SP-118-G 460-108135-23 1/27/2016	SP-119-G 460-108135-25 1/27/2016	SP-120-G 460-108135-27 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.1 U *	1.2 U *	1.2 U *	1.2 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane	100	100	ND	24 U	22 U	23 U	24 U	23 U
2-Butanone (MEK)	120	120	ND-22	5.9 U	5.6 U	5.8 U	6 U	5.8 U
2-Hexanone	NS	NS	ND-20	5.9 U	5.6 U	5.8 U	6 U	5.8 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Acetone	50	50	ND-57	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Benzene	60	60	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromoform	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon disulfide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	760	760	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroform	370	370	ND-10	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Cyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methyl acetate	NS	NS	NA	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylene Chloride	50	50	ND-98	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Styrene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Toluene	700	700	ND-7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichloroethene	470	470	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-122-G 460-108135-30 1/27/2016	SP-123-G 460-108135-32 1/27/2016	TB-20160127 460-108135-34 1/27/2016 µg/L	FB-20160127 460-108135-35 1/27/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.2 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dioxane	100	100	ND	25 U	23 U	50 U *	50 U *
2-Butanone (MEK)	120	120	ND-22	3 J	4.3 J	5 U	5 U
2-Hexanone	NS	NS	ND-20	6.2 U	5.8 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	6.2 U	5.8 U	5 U	5 U
Acetone	50	50	ND-57	12	19	5 U	5 U
Benzene	60	60	ND	1.2 U	1.2 U	1 U	1 U
Bromoform	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Bromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Carbon disulfide	NS	NS	ND	0.62 J	0.87 J	1 U	1 U
Carbon tetrachloride	760	760	ND	1.2 U	1.2 U	1 U	1 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroform	370	370	ND-10	1.2 U	1.2 U	1 U	1 U
Chloromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.2 U	1 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Cyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.2 U	1 U	1 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Methyl acetate	NS	NS	NA	6.2 U	5.8 U	5 U	5 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.2 U	1 U	1 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Methylene Chloride	50	50	ND-98	1.2 U	1.2 U	1 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.2 U	1 U	1 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.2 U	1 U	1 U
Styrene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.2 U	1 U	1 U
Toluene	700	700	ND-7	1.2 U	1.2 U	1 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.2 U	1 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Trichloroethene	470	470	ND	1.2 U	1.2 U	1 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Vinyl chloride	20	20	ND	1.2 U	1.2 U	1 U	1 U
Total Conc	NS	NS	NA	15.62	24.17	0	0

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016 1	SP-DUP-1 460-108135-3 1/27/2016 2	SP-109-C 460-108135-5 1/27/2016 1	SP-DUP-2 460-108135-6 1/27/2016 1	SP-110-C 460-108135-8 1/27/2016 1
1,1'-Biphenyl	NS	NS	ND	390 U	74 J	66 J	58 J	90 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
2,4,5-Trichlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4,6-Trichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dimethylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4-Dinitrophenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
2,4-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2,6-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2-Chloronaphthalene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Chlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Methylnaphthalene	NS	NS	ND-950	100 J	190 J	210 J	180 J	370 J
2-Methylphenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
2-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Nitrophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
3,3'-Dichlorobenzidine	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
3-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
4-Bromophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloro-3-methylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chlorophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Methylphenol	330	330	ND-65	17 J	24 J	12 J	12 J	27 J
4-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Nitrophenol	NS	NS	ND	790 U	1,500 U	810 U	790 U	800 U
Acenaphthene	20,000	98,000	ND-5,100	110 J	760	160 J	110 J	290 J
Acenaphthylene	100,000	107,000	ND-790	30 J	56 J	63 J	39 J	81 J
Acetophenone	NS	NS	ND	390 U	760 U	400 U	17 J	39 J
Anthracene	100,000	500,000	ND-14,000	230 J	2,200	410	220 J	610
Atrazine	NS	NS	NA	160 U	310 U	160 U	160 U	160 U
Benzaldehyde	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	630	**4,200**	740	560	**1,700**
Benzo[a]pyrene	1,000	1,000	ND-31,000	600	**3,500**	780	560	**1,700**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	810	**4,500**	1,300	870	**2,500**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	480	2,800	350 J	430	1,100
Benzo[k]fluoranthene	800	1,700	ND-36,000	280	**1,800**	390	290	860
Bis(2-chloroethoxy)methane	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Bis(2-chloroethyl)ether	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	390 U	760 U	62 J	390 U	390 U
Butyl benzyl phthalate	NS	NS	ND-3,900	390 U	760 U	400 U	390 U	390 U
Caprolactam	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Carbazole	NS	NS	ND-10,000	75 J	440 J	160 J	92 J	300 J
Chrysene	1,000	1,000	ND-48,000	680	**4,400**	930	720	**2,000**
Dibenz(a,h)anthracene	330	560	ND-5,200	110	**580**	170	150	380
Dibenzofuran	7,000	210,000	ND-760	88 J	460 J	210 J	160 J	300 J
Diethyl phthalate	NS	NS	ND-710	390 U	760 U	400 U	390 U	23 J
Dimethyl phthalate	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Di-n-butyl phthalate	NS	NS	ND-150	390 U	760 U	400 U	92 J	390 U
Di-n-octyl phthalate	NS	NS	ND-160	390 U	760 U	400 U	390 U	390 U
Fluoranthene	100,000	500,000	ND-89,000	1,200	9,200	2,100	1,200	3,800
Fluorene	30,000	386,000	ND-5,800	120 J	870	230 J	120 J	270 J
Hexachlorobenzene	330	3,200	ND	39 U	76 U	40 U	39 U	39 U
Hexachlorobutadiene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
Hexachlorocyclopentadiene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Hexachloroethane	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	500	3,100	470	490	1,300
Isophorone	NS	NS	ND-280	160 U	310 U	160 U	160 U	160 U
Naphthalene	12,000	12,000	ND-1,300	260 J	440 J	420	390	870
Nitrobenzene	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	39 U	76 U	40 U	39 U	39 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	390 U	760 U	400 U	390 U	390 U
Pentachlorophenol	800	800	ND-110	310 U	610 U	320 U	310 U	320 U
Phenanthrene	100,000	500,000	ND-49,000	720	7,800	1,400	700	2,200
Phenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
Pyrene	100,000	500,000	ND-100,000	1,100	8,300	1,000	770	2,100
Total Conc	NS	NS	NA	8,140	55,694	11,633	8,230	22,910

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	Site	SP-111-C	SP-112-C	SP-113-C	SP-114-C	SP-115-C
Lab Sample ID	Part 375	Part 375	Background	460-108135-10	460-108135-12	460-108135-14	460-108135-16	460-108135-18
Date Sampled	Unrestricted	lowest of	Ranges	1/27/2016	1/27/2016	1/27/2016	1/27/2016	1/27/2016
Dilution	SCO	Commercial/ Groundwater (Table 5 of SMP)		2	2	1	1	1
µg/kg	µg/kg	µg/kg	µg/kg					
1,1'-Biphenyl	NS	NS	ND	820 U	90 J	42 J	42 J	54 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	820 U	800 U	400 U	400 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dimethylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4-Dinitrophenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2,6-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2-Chloronaphthalene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Chlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	190 J	270 J	160 J	150 J	170 J
2-Methylphenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
2-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Nitrophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
3-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Methylphenol	330	330	ND-65	820 U	31 J	29 J	46 J	15 J
4-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Nitrophenol	NS	NS	ND	1,700 U	1,600 U	820 U	820 U	840 U
Acenaphthene	20,000	98,000	ND-5,100	390 J	610 J	180 J	220 J	200 J
Acenaphthylene	100,000	107,000	ND-790	160 J	170 J	62 J	73 J	57 J
Acetophenone	NS	NS	ND	820 U	27 J	400 U	400 U	16 J
Anthracene	100,000	500,000	ND-14,000	1,200	1,600	470	860	330 J
Atrazine	NS	NS	NA	330 U	320 U	160 U	160 U	170 U
Benzaldehyde	NS	NS	NA	820 U	800 U	400 U	400 U	36 J
Benzo[a]anthracene	1,000	1,000	ND-41,000	**3,300**	**4,200**	970	**1,900**	690
Benzo[a]pyrene	1,000	1,000	ND-31,000	**3,200**	**4,200**	990	**1,800**	700
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**4,000**	**5,700**	1,300	**2,500**	990
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	1,500	1,700	430	860	330 J
Benzo[k]fluoranthene	800	1,700	ND-36,000	1,500	**2,200**	560	1,000	400
Bis(2-chloroethoxy)methane	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	180 J	210 J	400 U	400 U	410 U
Butyl benzyl phthalate	NS	NS	ND-3,900	820 U	800 U	400 U	400 U	410 U
Caprolactam	NS	NS	NA	820 U	800 U	400 U	34 J	52 J
Carbazole	NS	NS	ND-10,000	450 J	800	160 J	330 J	140 J
Chrysene	1,000	1,000	ND-48,000	**3,500**	**4,700**	**1,100**	**2,200**	820
Dibenz(a,h)anthracene	330	560	ND-5,200	520	**740**	140	290	93
Dibenzofuran	7,000	210,000	ND-760	290 J	440 J	180 J	210 J	180 J
Diethyl phthalate	NS	NS	ND-710	820 U	800 U	400 U	400 U	410 U
Dimethyl phthalate	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	820 U	800 U	400 U	400 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	820 U	800 U	400 U	400 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	7,900	11,000	2,500	5,100	1,800
Fluorene	30,000	386,000	ND-5,800	440 J	640 J	230 J	300 J	160 J
Hexachlorobenzene	330	3,200	ND	82 U	80 U	40 U	40 U	41 U
Hexachlorobutadiene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
Hexachlorocyclopentadiene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Hexachloroethane	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	2,000	2,300	540	1,100	380
Isophorone	NS	NS	ND-280	330 U	320 U	160 U	160 U	38 J
Naphthalene	12,000	12,000	ND-1,300	370 J	650 J	370 J	310 J	380 J
Nitrobenzene	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	82 U	80 U	40 U	40 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	820 U	800 U	400 U	46 J	410 U
Pentachlorophenol	800	800	ND-110	660 U	650 U	320 U	330 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	4,400	5,700	1,500	2,700	1,200
Phenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
Pyrene	100,000	500,000	ND-100,000	3,800	5,100	1,300	2,400	1,100
Total Conc	NS	NS	NA	39,290	53,078	13,213	24,471	10,331

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	Site	SP-116-C	SP-117-C	SP-118-C	SP-119-C	SP-120-C
Lab Sample ID	Part 375	Part 375	Background	460-108135-20	460-108135-22	460-108135-24	460-108135-26	460-108135-28
Date Sampled	Unrestricted	lowest of	Ranges	1/27/2016	1/27/2016	1/27/2016	1/27/2016	1/27/2016
Dilution	SCO	Commercial/ Groundwater (Table 5 of SMP)		1	1	1	2	1
µg/kg	µg/kg	µg/kg	µg/kg					
1,1'-Biphenyl	NS	NS	ND	91 J	72 J	51 J	790 U	74 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dimethylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4-Dinitrophenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2,6-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2-Chloronaphthalene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Chlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	340 J	230 J	150 J	110 J	210 J
2-Methylphenol	330	330	ND	380 U	400 U	410 U	790 U	410 U
2-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Nitrophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
3-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Methylphenol	330	330	ND-65	47 J	27 J	26 J	790 U	38 J
4-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Nitrophenol	NS	NS	ND	770 U	810 U	840 U	1,600 U	830 U
Acenaphthene	20,000	98,000	ND-5,100	150 J	230 J	180 J	110 J	830
Acenaphthylene	100,000	107,000	ND-790	95 J	70 J	99 J	41 J	54 J
Acetophenone	NS	NS	ND	44 J	26 J	23 J	790 U	410 U
Anthracene	100,000	500,000	ND-14,000	410	600	520	310 J	1,500
Atrazine	NS	NS	NA	150 U	160 U	170 U	320 U	160 U
Benzaldehyde	NS	NS	NA	47 J	32 J	410 U	790 U	410 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	940	**1,300**	**1,400**	790	**3,300**
Benzo[a]pyrene	1,000	1,000	ND-31,000	760	**1,300**	**1,500**	740	**3,100**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	1,500	**1,800**	**2,100**	980	**4,500**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	340 J	670	720	380 J	1,300
Benzo[k]fluoranthene	800	1,700	ND-36,000	520	660	820	420	1,500
Bis(2-chloroethoxy)methane	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	380 U	400 U	410 U	790 U	140 J
Butyl benzyl phthalate	NS	NS	ND-3,900	380 U	400 U	410 U	790 U	410 U
Caprolactam	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
Carbazole	NS	NS	ND-10,000	180 J	240 J	220 J	150 J	940
Chrysene	1,000	1,000	ND-48,000	**1,300**	**1,500**	**1,600**	850	**3,600**
Dibenz(a,h)anthracene	330	560	ND-5,200	150	180	220	87	520
Dibenzofuran	7,000	210,000	ND-760	270 J	270 J	190 J	150 J	430
Diethyl phthalate	NS	NS	ND-710	380 U	400 U	410 U	790 U	410 U
Dimethyl phthalate	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	380 U	400 U	410 U	790 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	380 U	400 U	410 U	790 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	2,600	3,400	3,500	1,800	8,800
Fluorene	30,000	386,000	ND-5,800	220 J	270 J	220 J	160 J	830
Hexachlorobenzene	330	3,200	ND	38 U	40 U	41 U	79 U	41 U
Hexachlorobutadiene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
Hexachlorocyclopentadiene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Hexachloroethane	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	450	790	840	410	1,800
Isophorone	NS	NS	ND-280	31 J	160 U	170 U	320 U	160 U
Naphthalene	12,000	12,000	ND-1,300	530	460	360 J	210 J	540
Nitrobenzene	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	38 U	40 U	41 U	79 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	380 U	400 U	410 U	790 U	410 U
Pentachlorophenol	800	800	ND-110	310 U	320 U	330 U	640 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	1,500	1,900	1,600	1,000	5,600
Phenol	330	330	ND	380 U	400 U	410 U	70 J	410 U
Pyrene	100,000	500,000	ND-100,000	1,200	1,600	1,700	910	4,200
Total Conc	NS	NS	NA	13,715	17,627	18,039	9,678	43,806

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-121A-C 460-108135-29 1/27/2016 2	SP-122-C 460-108135-31 1/27/2016 2	SP-123-C 460-108135-33 1/27/2016 2	FB-20160127 460-108135-35 1/27/2016 1 µg/L
1,1'-Biphenyl	NS	NS	ND	790 U	71 J	760 U	10 U
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	790 U	790 U	760 U	10 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	790 U	790 U	760 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	790 U	790 U	760 U	10 U
2,4,5-Trichlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4,6-Trichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dimethylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4-Dinitrophenol	NS	NS	ND	640 U	640 U	610 U	20 U
2,4-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2,6-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2-Chloronaphthalene	NS	NS	ND	790 U	790 U	760 U	10 U
2-Chlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2-Methylnaphthalene	NS	NS	ND-950	130 J	230 J	160 J	10 U
2-Methylphenol	330	330	ND	790 U	790 U	760 U	10 U
2-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
2-Nitrophenol	NS	NS	ND	790 U	790 U	760 U	10 U
3,3'-Dichlorobenzidine	NS	NS	ND	320 U	320 U	300 U	10 U
3-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	640 U	640 U	610 U	20 U
4-Bromophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloro-3-methylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chlorophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Methylphenol	330	330	ND-65	790 U	22 J	73 J	10 U
4-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Nitrophenol	NS	NS	ND	1,600 U	1,600 U	1,500 U	20 U
Acenaphthene	20,000	98,000	ND-5,100	120 J	440 J	210 J	10 U
Acenaphthylene	100,000	107,000	ND-790	68 J	66 J	50 J	10 U
Acetophenone	NS	NS	ND	790 U	790 U	760 U	10 U
Anthracene	100,000	500,000	ND-14,000	510 J	770 J	420 J	10 U
Atrazine	NS	NS	NA	320 U	320 U	300 U	2 U
Benzaldehyde	NS	NS	NA	790 U	790 U	760 U	10 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	**1,600**	**1,800**	960	1 U
Benzo[a]pyrene	1,000	1,000	ND-31,000	**1,500**	**1,600**	970	1 U
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**2,400**	**2,400**	1,200	1 U
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	590 J	670 J	710 J	10 U
Benzo[k]fluoranthene	800	1,700	ND-36,000	790	880	500	1 U
Bis(2-chloroethoxy)methane	NS	NS	ND	790 U	790 U	760 U	10 U
Bis(2-chloroethyl)ether	NS	NS	ND	79 U	79 U	76 U	1 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	790 U	210 J	150 J	2 U
Butyl benzyl phthalate	NS	NS	ND-3,900	790 U	790 U	760 U	10 U
Caprolactam	NS	NS	NA	790 U	790 U	760 U	10 U
Carbazole	NS	NS	ND-10,000	190 J	410 J	170 J	10 U
Chrysene	1,000	1,000	ND-48,000	**2,000**	**2,100**	**1,200**	2 U
Dibenz(a,h)anthracene	330	560	ND-5,200	270	280	210	1 U
Dibenzofuran	7,000	210,000	ND-760	130 J	350 J	180 J	10 U
Diethyl phthalate	NS	NS	ND-710	790 U	790 U	760 U	10 U
Dimethyl phthalate	NS	NS	ND	790 U	790 U	760 U	10 U
Di-n-butyl phthalate	NS	NS	ND-150	790 U	790 U	760 U	10 U
Di-n-octyl phthalate	NS	NS	ND-160	790 U	790 U	760 U	10 U
Fluoranthene	100,000	500,000	ND-89,000	3,900	4,800	2,300	10 U
Fluorene	30,000	386,000	ND-5,800	170 J	470 J	240 J	10 U
Hexachlorobenzene	330	3,200	ND	79 U	79 U	76 U	1 U
Hexachlorobutadiene	NS	NS	ND	160 U	160 U	150 U	1 U
Hexachlorocyclopentadiene	NS	NS	ND	790 U	790 U	760 U	10 U
Hexachloroethane	NS	NS	ND	79 U	79 U	76 U	1 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	870	870	860	1 U
Isophorone	NS	NS	ND-280	320 U	320 U	27 J	10 U
Naphthalene	12,000	12,000	ND-1,300	260 J	490 J	340 J	10 U
Nitrobenzene	NS	NS	ND	79 U	79 U	76 U	1 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	79 U	79 U	76 U	1 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	790 U	790 U	760 U	10 U
Pentachlorophenol	800	800	ND-110	640 U	640 U	610 U	20 U
Phenanthrene	100,000	500,000	ND-49,000	1,300	2,800	1,600	10 U
Phenol	330	330	ND	790 U	790 U	760 U	10 U
Pyrene	100,000	500,000	ND-100,000	1,800	2,300	1,600	10 U
Total Conc	NS	NS	NA	18,598	24,029	14,130	0

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-108-C 460-108135-2 1/27/2016 1/20 † 	SP-DUP-1 460-108135-3 1/27/2016 1/4/10 † 	SP-109-C 460-108135-5 1/27/2016 1/4 † 	SP-DUP-2 460-108135-6 1/27/2016 1/4 † 	SP-110-C 460-108135-8 1/27/2016 1/4 † 	SP-111-C 460-108135-10 1/27/2016 1/20 † 	SP-112-C 460-108135-12 1/27/2016 1/4/10 †
Aluminum	**NS**	**NS**	**1,000-9,920**	2,610	4,960	7,040	7,610	5,810	3,190	4,970
Antimony	**NS**	**NS**	**ND-41.7**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Arsenic	**13**	**16**	**5.4-307**	13.5 J	**18.4**	15.2	14.3	**17.5**	**334**	12.3
Barium	**350**	**400**	**ND-232**	31.2 J	66.5	45.3	48.2	79.2	58.3 J	73.2
Beryllium	**7.2**	**47**	**0.32-8.45**	2.3 U	0.43 U	0.47	0.66	0.51	2.1 U	0.44 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	4.6 U	0.86 U	0.86 U	0.82 U	0.95 U	4.2 U	0.87 U
Calcium	**NS**	**NS**	**97.6-37,200**	12,900	10,100	6,340	7,200	13,200	10,500	13,400
Chromium	**30***	**1500***	**ND-133**	139	68.6	22.8	24	26.8	121	50.8
Cobalt	**NS**	**NS**	**ND-24.1**	67.1	37	20.6	12.6	14.3	38.7 J	36.8
Copper	**50**	**270**	**33.3-653**	19.3 J	43.2	42.5	47.9	81.5	231	56.3
Iron	**NS**	**NS**	**3,620-120,000**	36,600	26,100	23,400	19,800	21,400	118,000	27,100
Lead	**63**	**450**	**ND-729**	69.9	190	108	75.1	249	124	151
Magnesium	**NS**	**NS**	**506-53,000**	123,000	62,800	29,200	10,800	19,100	71,000	65,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	614	458	341	267	326	803	456
Mercury	**0.18**	**0.73**	**ND-0.57**	0.18	0.46	0.18	0.14	0.46	0.47	0.41
Nickel	**30**	**130**	**20.7-464**	**1,990**	**1,070**	**337**	**156**	**444**	**762**	**710**
Potassium	**NS**	**NS**	**186-2,250**	558 J	927 J	636 J	951 J	854 J	424 J	958 J
Selenium	**3.9**	**4**	**ND-3.4**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Silver	**2**	**8.3**	**ND**	11.4 U	2.2 U	2.2 U	2.1 U	2.4 U	10.6 U	2.2 U
Sodium	**NS**	**NS**	**169-1,430**	5,700 U	273 J	211 J	348 J	310 J	5,300 U	349 J
Thallium	**NS**	**NS**	**ND**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Vanadium	**NS**	**NS**	**ND-79**	9.2 J	15.3	20.9	21.6	30.6	27.9 J	34.8
Zinc	**109**	**2,480**	**32.7-736**	69	149	65.4	96.5	157	169	141

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-113-C 460-108135-14 1/27/2016 2/4 †	SP-114-C 460-108135-16 1/27/2016 1/4/10 †	SP-115-C 460-108135-18 1/27/2016 1/4 †	SP-116-C 460-108135-20 1/27/2016 1/4 †	SP-117-C 460-108135-22 1/27/2016 1/4 †	SP-118-C 460-108135-24 1/27/2016 1/4/10 †	SP-119-C 460-108135-26 1/27/2016 1/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	6,410	5,320	8,510	6,770	5,770	5,490	8,060
Antimony	**NS**	**NS**	**ND-41.7**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Arsenic	**13**	**16**	**5.4-307**	15	**16.7**	5	**28.1**	**18.3**	11.8	7.5
Barium	**350**	**400**	**ND-232**	63.3	50.5	77.7	60.8	47.1	49.5	49.5
Beryllium	**7.2**	**47**	**0.32-8.45**	0.45	0.39 J	0.63	0.54	0.45	0.37 J	0.55
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.86 U	0.88 U	0.85 U	0.84 U	0.9 U	0.85 U	0.86 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,300	19,000	8,380	6,030	9,610	14,200	8,450
Chromium	**30***	**1500***	**ND-133**	30.2	38.5	28.9	33.1	45.3	60.7	29.9
Cobalt	**NS**	**NS**	**ND-24.1**	16.2	31.9	13.2	20.3	27	35.7	18.1
Copper	**50**	**270**	**33.3-653**	60.9	44.8	54.4	106	65.1	45.8	41.1
Iron	**NS**	**NS**	**3,620-120,000**	19,800	25,500	18,700	28,600	25,500	26,100	22,800
Lead	**63**	**450**	**ND-729**	225	114	287	163	95.3	83.1	60.5
Magnesium	**NS**	**NS**	**506-53,000**	20,600	55,900	12,100	20,500	47,700	68,100	16,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	351	432	326	483	404	470	332
Mercury	**0.18**	**0.73**	**ND-0.57**	**1.5**	0.59	0.71	0.31	0.44	0.44	0.36
Nickel	**30**	**130**	**20.7-464**	**257**	**639**	**351**	**289**	**555**	**708**	**250**
Potassium	**NS**	**NS**	**186-2,250**	1,150	1,280	1,670	1,430	1,270	1,490	1,240
Selenium	**3.9**	**4**	**ND-3.4**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Silver	**2**	**8.3**	**ND**	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.1 U	2.1 U
Sodium	**NS**	**NS**	**169-1,430**	402 J	409 J	236 J	373 J	859 J	1,180	335 J
Thallium	**NS**	**NS**	**ND**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Vanadium	**NS**	**NS**	**ND-79**	23.9	25.6	23	27.8	19.4	26.4	25.8
Zinc	**109**	**2,480**	**32.7-736**	127	105	176	143	79.6	67.2	105

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-120-C 460-108135-28 1/27/2016 1/4/10 †	SP-121A-C 460-108135-29 1/27/2016 4	SP-122-C 460-108135-31 1/27/2016 1/4 †	SP-123-C 460-108135-33 1/27/2016 1/4 †	FB-20160127 460-108135-35 1/27/2016 1 µg/L
Aluminum	**NS**	**NS**	**1,000-9,920**	5,630	5,040	6,780	8,310	200 U
Antimony	**NS**	**NS**	**ND-41.7**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Arsenic	**13**	**16**	**5.4-307**	10.7	**16.8**	8.9	7.5	15 U
Barium	**350**	**400**	**ND-232**	40.8 J	77.5	70.2	66	200 U
Beryllium	**7.2**	**47**	**0.32-8.45**	0.41 J	0.43 J	0.54	0.57	2 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.93 U	0.88 U	0.9 U	0.87 U	4 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,200	8,570	10,300	9,120	5,000 U
Chromium	**30***	**1500***	**ND-133**	54	32.1	24	30.2	10 U
Cobalt	**NS**	**NS**	**ND-24.1**	32.7	12.7	12.2	11	50 U
Copper	**50**	**270**	**33.3-653**	30	55.8	64.6	63.6	25 U
Iron	**NS**	**NS**	**3,620-120,000**	26,000	18,000	17,000	18,200	150 U
Lead	**63**	**450**	**ND-729**	81.5	131	225	112	10 U
Magnesium	**NS**	**NS**	**506-53,000**	56,900	15,100	8,290	6,790	5,000 U
Manganese	**1,600**	**2,000**	**17.9-1,060**	444	260	267	272	15 U
Mercury	**0.18**	**0.73**	**ND-0.57**	0.37	**2**	0.41	0.51	0.2 U
Nickel	**30**	**130**	**20.7-464**	**813**	**211**	114	77.2	40 U
Potassium	**NS**	**NS**	**186-2,250**	1,270	657 J	1,240	1,800	5,000 U
Selenium	**3.9**	**4**	**ND-3.4**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Silver	**2**	**8.3**	**ND**	2.3 U	2.2 U	2.3 U	2.2 U	10 U
Sodium	**NS**	**NS**	**169-1,430**	309 J	182 J	308 J	616 J	5,000 U
Thallium	**NS**	**NS**	**ND**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Vanadium	**NS**	**NS**	**ND-79**	18.5	29.6	28.2	28.5	50 U
Zinc	**109**	**2,480**	**32.7-736**	76.6	98.2	158	117	30 U

† ***Dilution factor varies***

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-C 460-108135-5 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-C 460-108135-8 1/27/2016	SP-111-C 460-108135-10 1/27/2016	SP-112-C 460-108135-12 1/27/2016
Aroclor 1016	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1221	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1232	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1242	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1248	NS	NS	ND-240	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1254	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1260	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1262	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1268	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Polychlorinated biphenyls, Total	100	1,000	NA	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDE	3.3	17,000	ND-42	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDT	3.3	47,000	ND-96	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Aldrin	5	190	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
alpha-BHC	20	20	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
delta-BHC	40	250	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin	14	60	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin aldehyde	NS	NS	NA	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin ketone	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
gamma-BHC (Lindane)	100	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Heptachlor epoxide	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Methoxychlor	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Toxaphene	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-113-C 460-108135-14 1/27/2016	SP-114-C 460-108135-16 1/27/2016	SP-115-C 460-108135-18 1/27/2016	SP-116-C 460-108135-20 1/27/2016	SP-117-C 460-108135-22 1/27/2016	SP-118-C 460-108135-24 1/27/2016	SP-119-C 460-108135-26 1/27/2016
Aroclor 1016	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1221	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1232	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1242	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1248	NS	NS	ND-240	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1254	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1260	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1262	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1268	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Polychlorinated biphenyls, Total	100	1,000	NA	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDE	3.3	17,000	ND-42	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDT	3.3	47,000	ND-96	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Aldrin	5	190	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
alpha-BHC	20	20	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
delta-BHC	40	250	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin	14	60	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin aldehyde	NS	NS	NA	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin ketone	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
gamma-BHC (Lindane)	100	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Heptachlor epoxide	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Methoxychlor	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Toxaphene	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-120-C 460-108135-28 1/27/2016	SP-121A-C 460-108135-29 1/27/2016	SP-122-C 460-108135-31 1/27/2016	SP-123-C 460-108135-33 1/27/2016	FB-20160127 460-108135-35 1/27/2016 µg/L
Aroclor 1016	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1221	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1232	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1242	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1248	NS	NS	ND-240	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1254	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1260	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1262	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1268	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Polychlorinated biphenyls, Total	100	1,000	NA	83 U	81 U	81 U	77 U	0.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg					
4,4'-DDD	3.3	14,000	ND-61	8.3 U	8.1 U	8.1 U	2.3 J	0.02 U
4,4'-DDE	3.3	17,000	ND-42	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
4,4'-DDT	3.3	47,000	ND-96	8.3 U	8.1 U	8.1 U	19	0.02 U
Aldrin	5	190	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
alpha-BHC	20	20	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
beta-BHC	36	90	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Chlordane (technical)	NS	2,900	ND	83 U	81 U	81 U	77 U	0.5 U
delta-BHC	40	250	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Dieldrin	5	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin	14	60	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin aldehyde	NS	NS	NA	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin ketone	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
gamma-BHC (Lindane)	100	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Heptachlor	42	380	ND-61	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Heptachlor epoxide	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Methoxychlor	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Toxaphene	NS	NS	ND	83 U	81 U	81 U	77 U	0.5 U

Tables 1-4
NY Wheel
Staten Island, NY

Stockpile Sampling Soil Analytical Results

Notes

GENERAL

NS	:	No soil cleanup objective listed.
ND	:	No Detect
NA	:	Not applicable
U / U*	:	The analyte was not detected at the indicated concentration.
J	:	The concentration given is an estimated value.
TS	:	Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives	:	Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP)	:	Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

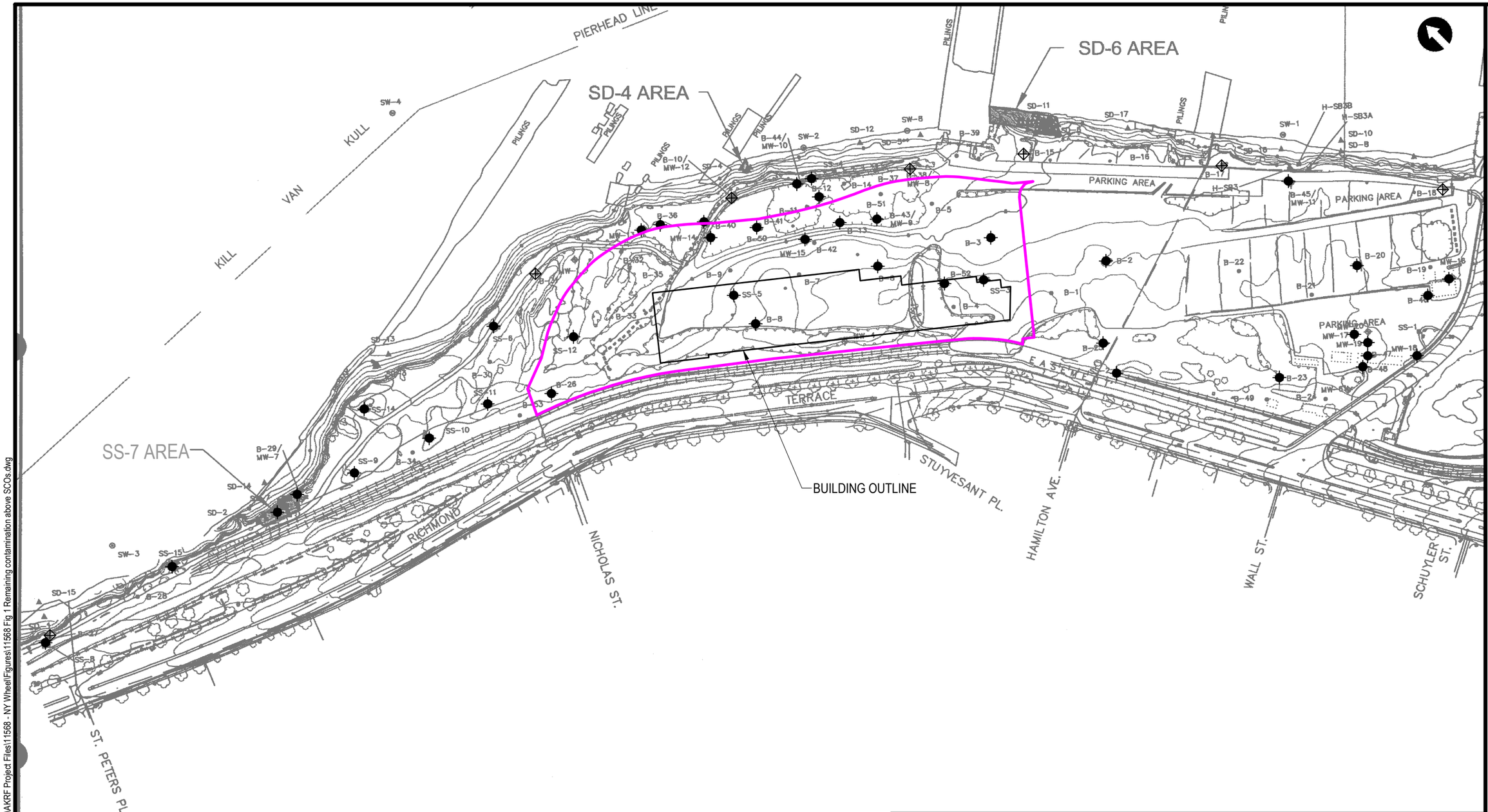
Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are highlighted in bold font.

Site Background Ranges	:	Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note	:	When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.
*****	:	Trivalent chromium standard
mg/kg	:	milligrams per kilogram = parts per million (ppm)
µg/kg	:	micrograms per kilogram = parts per billion (ppb)
µg/L	:	micrograms per Liter = parts per billion (ppb)

FIGURE



0' 100' 200' 400'

SCALE IN FEET

LEGEND:

- Soil Sample exceeding SSSCOs (lower of 6NYCRR Subpart 375 Commercial SCOs & Protection of Groundwater SCOs) for VOCs, SVOCs, and/or Metals.
- Soil Sample below SSSCOs.
- Site Boundary

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St. George Waterfront Redevelopment
Staten Island, □e□ Yor□

LOCATION OF REMAINING CONTAMINATION ABOVE SITE SPECIFIC SCOS (SSSCOs)

DATE
11.19.2014

PROJECT NO.
11568

SCALE
as shown

FIGURE
1

©2014 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\11568 - NY Wheel\Figures\11568 Fig 1 Remaining contamination above SCOs.dwg

ATTACHMENT A
LABORATORY ANALYTICAL DATA

ATTACHMENT B
HISTORICAL SAMPLING TABLES

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ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER CSX ST. GEORGE RAILYARD, STATEN ISLAND, NEW YORK

Prepared for

New York City Economic Development Corporation
New York, New York

Prepared by

TRC Environmental Corporation
Windsor, Connecticut

December 1998

TABLE 3
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-1	SS-2	SS-3	SS-4	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)					
[Method 8260]				ALL ND	
Methylene Chloride	8		5.1J		1E+02
Acetone	15JB	17JB	20JB		2E+02
m,p-Xylene		2.3J			1.2E+03
Total VOCs	23	19.3	25.1		1E+04
Semivolatile Organic Compounds (ppb)					
[Method 8270]					
Naphthalene	180 J	120 J			1.3E+04
2-Methylnaphthalene	280 J	140 J			3.64E+04
Acenaphthylene	100 J	110 J			4.1E+04
Acenaphthene	42 J		4,500 J		5E+04
Dibenzofuran	100 J	62 J			6.2E+03
Fluorene	54 J		4,500 J		5E+04
Phenanthrene	660	660	34,000 J	13,000 J	5E+04
Anthracene	120 J	170 J	9,900 J	3,000 J	5E+04
Di-n-butyl Phthalate	39 J				8.1E+03
Fluoranthene	1,100	1,300	50,000	20,000 J	5E+04
Pyrene	1,400	1,600	**58,000**	23,000	5E+04
Butylbenzyl Phthalate	280 J	72 J			5E+04
Benzo (a) Anthracene	**400**	**560**	**25,000 J**	**10,000 J**	224 or MDL
Chrysene	**940**	**1,600**	**26,000 J**	**12,000 J**	400
Bis (2-Ethylhexyl) Phthalate	660	300 J			5E+04
Di-n-octyl Phthalate	72 J				5E+04
Benzo (b) Fluoranthene	**1,800**	**3,700**	**62,000**	**25,000**	1.1E+03
Benzo (a) Pyrene	**520**	**610**	**16,000 J**	**7,100 J**	61 or MDL
Indeno (1,2,3-c,d) Pyrene	140 J	45 J	**6,300 J**	**4,800 J**	3.2E+03
Dibenzo (a,h) Anthracene		71 J			14 or MDL
Benzo (g,h,i) Perylene	140 J	310 J	7,600 J	5,800 J	5E+04
Total SVOCs	9,027	11,430	303,800	123,700	5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)					
[Method 8082]					
Aldrin	11	6.6			41
Endosulfan II	16	13			9E+02
Endosulfan Sulfate	14		69		1E+03
DDE	6.5	35			2.1E+03
DDD	5.1	7.8			2.9E+03
DDT	45	220	36	25	2.1E+03
Total Pesticides	97.6	282.4	105	25	1E+04
Aroclor 1248			430	58	1E+03
Aroclor 1260	220	110			1E+03
Metals (ppm)					
[Method 6010]					
Aluminum	3,870	2,240	7,950	4,280	SB
Antimony	6.8	82.7	2.1	7.1	SB
Arsenic	**81.7**	**106**	**8**	**68.8**	7.5 or SB
Beryllium	**0.56**	**0.4**	**0.45**	**0.65**	0.16 or SB
Cadmium	**1.3**	0.5		**1.4**	1 or SB
Calcium	9,650	60	19,400	6,180	SB
Copper	**160**	**395**	97.7	**184**	25 or SB
Iron	**35,200**	**22,400**	**41,000**	**12,600**	2000 or SB
Lead	552	1620	108	207	SB
Magnesium	9,300	1,450	7,240	4,470	SB
Manganese	247	126	160	238	SB
Mercury	**0.89**	**3.11**			0.1
Nickel	**110**	**48.9**	**36.8**	**54.1**	13 or SB
Potassium	547	386	586	500	SB
Selenium		**2.2**			2 or SB
Sodium	137	191	1,020	424	SB
Zinc	**363**	**106**	**305**	**294**	20 or SB
Total Cyanide (ppm)					
[Method 7471]	ND	ND	1.9	1.25	**

Notes: ND = Not Detected
NE= Value Not Established
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface = Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 3, continued
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-5	SS-5A Dupl. SS-5	SS-6	SS-7	SS-8	FB091898	TB091898	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]		ALL ND	ALL ND		ALL ND	ALL ND	ALL ND	
Acetone	57B			19JB				2E+02
2-Butanone	22J			9.9J				3E+02
4-Methyl-2-Pentanone	23			11J				1E+03
2-Hexanone	20J			9.4J				NE
1,1,2,2-Tetrachloroethane	5.7							6E+02
m,p-Xylene				1.3J				1.2E+03
Total VOCs	127.7			50.6				1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]						ALL ND	NA	
Naphthalene			200 J	160 J				1.3E+04
2-Methylnaphthalene			300 J	160 J				3.64E+04
Acenaphthylene			77 J	470	130 J			4.1E+04
Acenaphthene	5,100 J			47 J				5E+04
Dibenzofuran			97 J	120 J				6.2E+03
Fluorene	5,800 J			48 J				5E+04
Phenanthrene	49,000	23,000 J	390	830	250 J			5E+04
Anthracene	14,000 J	5,900 J	83 J	260 J	180 J			5E+04
Fluoranthene	**89,000**	**45,000**	**690**	**2,400**	1,100			5E+04
Pyrene	**100,000**	**57,000**	**570**	**2,500**	1,200			5E+04
Butylbenzyl Phthalate			**57 J**		46 J			5E+04
Benzo (a) Anthracene	**41,000**	**25,000 J**	**380**	**1,300**	**S70**			224 or MDL
Chrysene	**48,000**	**24,000 J**	**710**	**2,200**	**1,200**			400
Bis (2-Ethylhexyl) Phthalate	5,500 J	4,200 J	100 J		1,700			5E+04
Benzo (b) Fluoranthene	**100,000**	**64,000**	**1,300**	**2,900**	**3,000**			1.1E+03
Benzo (a) Pyrene	**26,000 J**	**15,000 J**	**420**	**940**	**540**			61 or MDL
Indeno (1,2,3-c,d) Pyrene	**18,000 J**	**6,400 J**		59 J	41 J			3.2E+03
Dibenzo (a,h) Anthracene			**48 J**	**96 J**	**64 J**			14 or MDL
Benzo (g,h,i) Perylene	8,000 J	7,800 J	200 J	350 J	220 J			5E+04
Total SVOCs	**501,400**	277,300	5,622	14,840	10,241			5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)								
[Method 8082]						ALL ND	NA	
Aldrin			7.3	8.2				41
Endosulfan II	33				10			9E+02
Endosulfan Sulfate	32				17			1E+03
Dieldrin			7.3					44
DDE			12					2.1E+03
DDD	25			28				2.9E+03
DDT	34	24	22		56			2.1E+03
Total Pesticides	124	24	48.6	36.2	83			1E+04
Aroclor 1248	180	240						1E+03
Aroclor 1260			60		85			1E+03
Metals (ppm)								
[Method 6010]						ALL ND	NA	
Aluminum	6,370	4,100	3,450	9,800	3,890			SB
Antimony	1.7	1.7	2.1	6.6	1.7			SB
Arsenic	**17.3**	**20.2**	**39.3**	**198**	**623**			7.5 or SB
Barium		153						300 or SB
Beryllium	**2.05**	**0.38**	**0.72**	**0.19**	**0.34**			0.16 or SB
Cadmium	0.7	0.5	0.5		0.6			1 or SB
Calcium	18,900	13,500	19,100	32.6	325			SB
Copper	**185**	**62.1**	**110**	**101**	**127**			25 or SB
Iron	**16,700**	**33,500**	**12,200**	**27,200**	**38,400**			2000 or SB
Lead	226	129	149	218	195			SB
Magnesium	5,120	6,780	9,320	272	4,250			SB
Manganese	280	148	254	107	230			SB
Nickel	**76.2**	**20.7**	**170**	12	**69.9**			13 or SB
Potassium	458	368	602	728	446			SB
Sodium	1,000	586	330	446	269			SB
Zinc	**736**	**208**	**278**	**707**	**110**			20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 4
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-2	B-3	B-4***		B-6	B-8***		B-10***		NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	1-3	2-4	1-3		4-6	2-3.5		1-3		Memo #1	94-4046
Volatile Organic Compounds (ppb)											
[Method 8260]	ALL ND		ALL ND	NA	ALL ND	ALL ND	NA	ALL ND	NA		
Methylene Chloride		6								NE	1E+02
Total VOCs		6								NE	1E+04
Semivolatile Organic Compounds (ppb)											
[Method 8270]			ALL ND								
Naphthalene							94 J	1,300	140 J	3E+05	1.3E+04
2-Methylnaphthalene							58 J	950 J	180 J	NE	3.64E+04
Acenaphthylene							310 J			NE	4.1E+04
Acenaphthene	1,000 J				1,500 J		52 J			5E+06	5E+04
Dibenzofuran	510 J				546 J		60 J			NE	6.2E+03
Fluorene	960 J				1,300 J		62 J			3E+06	5E+04
Phenanthrene	7,100				2,100 J	720 J	660	680	72 J	NE	5E+04
Anthracene							360 J			2E+07	5E+04
Fluoranthene	8,000	2,200 J		91 J	7,100	3,000 J	2,500	970	100 J	3E+06	5E+04
Pyrene	6,100	2,500 J		200 J	8,900	4,100	4,500	1,100	120 J	2E+06	5E+04
Benzo (a) Anthracene	**3,000 J**			68 J			**1,600**			220	224 or MDL
Chrysene	**3,100 J**	**1,300 J**		110 J	**3,500 J**	**2,600 J**	**2,000**	**830**		NE	400
Bis (2-ethylhexyl) Phthalate				85 J			180 J			NE	5E+04
Benzo(b) Fluoranthene		**1,200 J**			**3,100 J**	**3,100 J**		**560**		220	1.1E+03
Benzo (k) Fluoranthene	**5,400**						**3,900**		94 J	220	1.1E+03
Benzo(a) Pyrene	**1,200 J**	**540 J**		**180 J**		**1,400 J**	**1,200**			61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							460			NE	3.2E+03
Dibenzo (a,h) Anthracene					**1,600 J**		**200 J**			14	14 or MDL
Benzo (g,h,i) Perylene							610			NE	5E+04
Total TICs	NA	NA	NA	470	NA	NA	756	NA	ND	NE	NE
Total SVOCs	36,370	7,740		1,204	29,646	14,920	19,562	6,390	706	NE	5E+05
Pesticides / PCBs (ppb)											
[Method 8082]		ALL ND		NA			NA	ALL ND	NA	NE	9E+02
Endosulfan I	98									NE	9E+02
Endosulfan II	15					42				NE	2.1E+03
DDE					29	61				NE	2.9E+03
DDD	17		33		35	96				NE	2.1E+03
DDT	34		33		64	199				NE	1E+04
Total Pesticides	164										
Metals (ppm)				NA			NA		NA		
[Method 6010]										NE	SB
Aluminum	5,650	6,700	2,160		2,600	2,770		1,970		NE	SB
Antimony	2.1	2.5			6.3	12.2		4.3		NE	7.5 or SB
Arsenic	**12.7**	**56.3**	4.4		**157**	**183**		**16.3**		NE	300 or SB
Barium						122				NE	0.16 or SB
Beryllium	**0.28**	**0.55**	**0.24**		**0.41**	**0.32**		**0.51**		NE	1 or SB
Cadmium		0.5			**1.2**	**1.3**				NE	SB
Calcium	659	97.6	56,500		2,330	1,470		122		NE	10 or SB
Chromium						**15.3**				NE	25 or SB
Copper	**115**	**135**	**141**		**506**	**653**		**190**		NE	2,000 or SB
Iron	**26,700**	**30,800**	**9,670**		**78,000**	**95,300**		**30,000**		NE	SB
Lead	216	190	108		399	729		248		NE	SB
Magnesium	3,160	5,120	2		1,100	965		525		NE	SB
Manganese	241	212	154		764	745		182		NE	0.1
Mercury	**0.34**		**0.54**							NE	13 or SB
Nickel	**168**	**132**			**50**	**41.2**		**35.8**		NE	SB
Potassium	722	1,120	240		382	236		186		NE	2 or SB
Selenium	**2.3**	**3.4**			**2.9**	**2.9**		**2.6**		NE	SB
Sodium	358	183	141		205	169		414		NE	20 or SB
Zinc	**307**	**215**	**76.4**		**236**	**504**		**99.1**			
Total Cyanide (ppm)											
[Method 7471]	ND	ND	ND	NA	ND	ND	NA	ND	NA	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-12-1***		B-12-2***		B-13	B-15	B-17	NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	0-2		8-10		12-14	1-3	1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]	ALL ND	NA		NA	ALL ND	ALL ND	ALL ND		
sec-Butylbenzene			53					NE	NE
Total VOCs			53					NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]			ALL ND		ALL ND	ALL ND			
Isophorone	910 J	580						NE	4.4E+03
Napbthalene		670						3E+05	1.3E+04
2-Methylnaphthalene	560 J	680						NE	3.64E+04
Acenaphthylene		260 J					84 J	NE	4.1E+04
Acenaphthene				180 J				5E+06	5E+04
Fluorene	470 J	320 J					49 J	3E+06	5E+04
Phenanthrene		270 J		80 J			91 J	NE	5E+04
Di-n-butyl Phthalate				71 J				NE	8.1E+03
Fluoranthene		130 J		100 J			840	3E+06	5E+04
Pyrene		200 J		120 J			950	2E+06	5E+04
Benzo (a) Anthracene		90 J					490	220	224 or MDL
Chrysene		120 J						NE	400
Bis (2-ethylhexyl) Phthalate				58 J				NE	5E+04
Benzo (b) Fluoranthene							**380**	220	1.1E+03
Benzo (k) Fluoranthene		170 J						220	1.1E+03
Benzo (a) Pyrene							**300 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							110 J	NE	3.2E+03
Benzo (g,h,i) Perylene							170 J	NE	5E+04
Total TICs	30,671	ND		28,700	NA	NA	NA	NE	NE
Total SVOCs	32,611	3,490		29,309			3,464	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND	NA	ALL ND	NA	ALL ND		ALL ND		
Methoxychlor						35		NE	*
Total Pesticides						35		NE	1E+04
Metals (ppm)									
[Method 6010]		NA		NA					
Aluminum	2,700		2,060		7,450	2,120	2,930	NE	SB
Antimony	9.5		2			44.3	5	NE	SB
Arsenic	**52.3**		**13.5**		5.4	**8**	7.6	NE	7.5 or SB
Beryllium	**0.35**		**0.32**		**0.4**	**8.38**	**0.42**	NE	0.16 or SB
Cadmium					0.5	0.6	0.7	NE	1 or SB
Calcium	**148**		339		178	400	29,000	NE	SB
Copper	**115**		**50.7**		**36.1**	**80.2**	**174**	NE	25 or SB
Iron	**25,400**		**22,900**		**21,300**	**15,400**	**18,500**	NE	2,000 or SB
Lead	271		167			153	215	NE	SB
Magnesium	500		638		7,350	233	8,540	NE	SB
Manganese	67.5		70.9		267	42.7	141	NE	SB
Mercury			**0.64**				**0.42**	NE	0.1
Nickel	**21.5**		**14.5**		**242**		**25.8**	NE	13 or SB
Potassium	423		242		2,250	153	353	NE	SB
Selenium	**2.5**		**3**			1.4		NE	2 or SB
Sodium	222		971		235	110	180	NE	SB
Zinc	**116**		**96.2**		**78.6**	**80.6**	**106**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	NA	ND	NA	ND	ND	ND	NE	**
Total GRO (ppm) [Method 8015]	2.6	NA	NA	NA	NA	NA	NA	NE	NE
Total DRO (ppm) [Method 8015]	190	NA	NA	NA	NA	NA	NA	NE	NE

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
* = As per TAGM#4046, total pesticides < 10 ppm **Bold typeface =**
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-18 1-3	B-20*** 1-3		B-23 1-3	B-25 1-3	B-26 1-3	B-26A 1-3 Dupl. B-26	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]			NA						
Methylene Chloride	8	86		57	60	73	98	NE	1E+02
Total VOCs	8	86		57	60	73	98	NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]				ALL ND	ALL ND				
Naphthalene			1,400 J			40 J		3E+05	1.3E+04
2-Methylnaphthalene			1,200 J					NE	3.64E+04
Acenaphthylene							100 J	NE	4.1E+04
Acenaphthene			3,800 J					5E+06	5E+04
Dibenzofuran			2,200 J					NE	6.2E+03
Fluorene			4,800 J					3E+06	5E+04
Diethyl Phthalate	40 J							NE	7.1E+04
Phenanthrene		20,000 J	30,000			73 J	170 J	NE	5E+04
Anthracene		5,600 J	8,000 J					2E+07	5E+04
Carbazole			3,300 J					NE	NE
Di-n-butyl Phthalate			2,700 J					NE	8.1E+04
Fluoranthene		20,000 J	24,000			55 J	390	3E+06	5E+04
Pyrene		16,000 J	34,000			66 J	720	2E+06	5E+04
Benzo (a) Anthracene		**9,600 J**	**10,000**			68 J	**700**	220	224 or MDL
Chrysene		**12,000 J**	**10,000**			68 J		NE	400
Bis (2-ethylhexyl) Phthalate	42 J		1,600 J			38 J	68 J	NE	5E+04
Di-n-octyl Phthalate			2,000 J					NE	5E+04
Benzo (b) Fluoranthene		**15,000 J**				42 J	**1,600**	220	1.1E+03
Benzo (k) Fluoranthene			**18,000**					220	1.1E+03
Benzo (a) Pyrene			**4,500 J**				**100 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							210 J	NE	3.2E+03
Benzo (g,h,i) Perylene							200 J	NE	5E+04
Total TICs	NA	NA	28,260	NA	NA	NA	NA	NE	NE
Total SVOCs	82	98,200	189,760			450	4,258	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND		NA				ALL ND		
Heptachlor				4.4	8.1	15		NE	1E+02
DDT		53				24		NE	2.1E+03
Total Pesticides		53		4.4	8.1	39		NE	1E+04
Metals (ppm)									
[Method 6010]			NA						
Aluminum	10,300	4,660		6,470	2,250	2,310	1,110	NE	SB
Antimony					1.2		2.8	NE	SB
Arsenic	4.4	3.3		4	8.6	7.2	15.6	NE	7.5 or SB
Barium						247		NE	300 or SB
Beryllium	**0.65**	0.16		**0.49**	**0.39**	**0.31**	**0.27**	NE	0.16 or SB
Cadmium				0.9	0.5			NE	1 or SB
Calcium	94.3	8390		127	45.9	47.2	59.6	NE	SB
Chromium		**19.5**						NE	10 or SB
Copper	23	**232**		**48.2**	**82.4**	**89.9**	**111**	NE	25 or SB
Iron	**14,700**	**7,680**		**13,000**	**10,700**	**14,500**	**17,500**	NE	2000 or SB
Lead		130		50.6	65.9	115	215	NE	SB
Magnesium	2,870	4,330		4,460	1,220	517	371	NE	SB
Manganese	203	111		143	180	125	89.9	NE	SB
Nickel	**32.2**	**23.2**		**115**	**38.8**			NE	13 or SB
Potassium	1,210	409		633	155	511	371	NE	SB
Selenium						1.5	1.9	NE	2 or SB
Sodium	379	854		212	89.4	151	110	NE	SB
Zinc	**184**	**186**		**233**	**91.3**	**112**	**79.4**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	ND	NA	ND	ND	ND	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typefnce - Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-27***		B-29	B-31***		B-36	NYSDEC STARS	NYSDEC TAGM
Sample Depth:	2-4		1-3	1-3		1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]	ALL ND	NA			NA			
Methylene Chloride			110	39		20	NE	1E+02
Total VOCs			110	39		20	NE	1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]								
Phenanthrene		200 J			120 J		NE	5E+04
Fluoranthene	220 J	230 J	56 J	120 J	150 J	69 J	3E+06	5E+04
Pyrene	250 J	420	76 J	200 J	290 J	90 J	2E+06	5E+04
Butylbenzyl Phthalate						68 J	NE	5E+04
Benzo (a) Anthracene	140 J		62 J	110 J	92 J		220	224 or MDL
Chrysene		130 J			120 J		NE	400
Bis (2-ethylhexyl) Phthalate					39 J		NE	5E+04
Benzo (b) Fluoranthene	120 J		42 J	96 J		58 J	220	1.1E+03
Benzo (k) Fluoranthene		190 J			150 J		220	1.1E+03
Benzo (a) Pyrene	**79 J**	**83 J**		**73 J**	**150 J**		61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	38 J						NE	3.2E+03
Benzo (g,h,i) Perylene	53 J			41 J			NE	5E+04
Total TICs	NA	1,488	NA	NA	ND	NA	NE	NE
Total SVOCs	900	2,741	236	640	1,111	285	NE	5E+05
Pesticides / PCBs (ppb)								
[Method 8082]		NA	ALL ND		NA			
Heptachlor	16			4.2		6.1	NE	1E+02
DDT	8.6			9.6			NE	2.1E+03
Total Pesticides	24.6			13.8		6.1	NE	1E+04
Metals (ppm)								
[Method 6010]		NA			NA			
Aluminum	27,000		1,070	7,220		1,120	NE	SB
Antimony			1.7			5.1	NE	SB
Arsenic	3.4		**18.6**	**14.9**		**26.5**	NE	7.5 or SB
Beryllium	**0.47**		0.26			**0.43**	NE	0.16 or SB
Calcium	1,030		71.1	149		198	NE	SB
Copper	**53.9**		**58.9**	**33.3**		**98.8**	NE	25 or SB
Iron	**12,600**		**13,200**	**13,400**		**25,900**	NE	2000 or SB
Lead	217		92.2	143		265	NE	SB
Magnesium	5,340		456	527		814	NE	SB
Manganese	318		58.2	40.1		90	NE	SB
Nickel	**73**		11.1	12.9		**25.6**	NE	13 or SB
Potassium	1,110		428	538		535	NE	SB
Selenium			1.1			**2.1**	NE	2 or SB
Sodium	173		228	237		488	NE	SB
Zinc	**98.8**		**61.7**	**70.1**		**81.3**	NE	20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	NA	ND	ND	NA	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-38-1***		B-38-2***		B-38-3***		B-40-1***		B-40-2***		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Sample Depth:	0.5-2.5		4-6		12-14		13-15		21-23			
Volatile Organic Compounds (ppb)												
[Method 8260]		NA	ALL ND	NA		NA		NA	ALL ND	NA		
Methylene Chloride	31				12		13				NE	1E+02
Total VOCs	31				12		13				NE	1E+04
Semivolatile Organic Compounds (ppb)												
[Method 8270]									ALL ND			
N-nitrosodipropyl amine			820 J								NE	NE
Isophorone				280 J							NE	4.4E+03
Naphthalene	80 J	79 J									3E+05	1.3E+04
2-Methylnaphthalene	97 J	97 J									NE	3.64E+04
Acenaphthene					65 J	58 J					5E+06	5E+04
Fluorene					52 J						3E+06	5E+04
N-nitrosodiphenyl amine			1,900	390 J		230 J					NE	NE
Phenanthrene		130 J			460	540					NE	5E+04
Anthracene	140 J				94 J	150 J					2E+07	5E+04
Carbazole						43 J					NE	NE
Fluoranthene	180 J	160 J		170 J	830	850		48 J			3E+06	5E+04
Pyrene	160 J	240 J		130 J	680	600	53 J				2E+06	5E+04
Benzo (a) Anthracene	84 J	80 J			**320 J**	**340 J**					220	224 or MDL
Chrysene	110 J	100 J		50 J	390 J	380 J					NE	4E+02
Bis (2-Ethylhexyl) Phthalate		92 J	550 J	290 J	190 J	560	4,900	2,500			NE	5E+04
Benzo (b) Fluoranthene					**590**	**380 J**					220	1.1E+03
Benzo (k) Fluoranthene	170 J	130 J					64 J				220	1.1E+03
Benzo (a) Pyrene	**72 J**	**89 J**			**140 J**	**130 J**					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	55 J										NE	3.2E+03
Dibenzo (a,h) Anthracene					**160 J**						14	14 or MDL
Benzo (g,h,i) Perylene	66 J					200 J					NE	5E+04
Total TICs	NA	4,231	NA	72,136	NA	10,211	NA	831	NA	382	NE	NE
Total SVOCs	1,214	5,428	3,270	73,446	3,971	14,672	5,017	3,379		382	NE	5E+05
Pesticides / PCBs (ppb)												
[Method 8082]		NA	ALL ND	NA		NA		NA		NA		
Heptachlor	10										NE	1E+02
DDT					6		5		6.2		NE	2.1E+03
Total Pesticides	**10**				6		5		6.2		NE	1E+04
Metals (ppm)												
[Method 6010]		NA		NA		NA		NA		NA		
Aluminum	1,000		6,940		3,790		3,550		15,500		NE	SB
Arsenic	6.3		5.5		2.6		**8.8**		**10.7**		NE	7.5 or SB
Barium							**338**				NE	300 or SB
Beryllium			**0.5**		**0.18**		**0.52**		**1.01**		NE	0.16 or SB
Calcium	107		259		200		7,670		269		NE	SB
Chromium							**119**				NE	10 or SB
Copper	**33.3**		**159**		**31.3**		**67.1**		**39.7**		NE	25 or SB
Iron	**3,620**		**16,900**		**8,810**		**9,320**		**13,100**		NE	2000 or SB
Lead	65.5		203		58.8		14.5		122		NE	SB
Magnesium	506		4,290		2,810		630		5,340		NE	SB
Manganese	17.9		126		65.1		146		739		NE	SB
Mercury	**0.32**		**0.36**				**1.16**				NE	0.1
Nickel			**68.6**		**65**		**15.1**		**43.1**		NE	13 or SB
Potassium	615		957		1,060		397		2,660		NE	SB
Selenium	1.1		1.8				1.8				NE	2 or SB
Sodium	1,360		3,600		1,000		493		4,550		NE	SB
Zinc	**72.8**		**220**		**94.6**		**208**		**162**		NE	20 or SB
Total Cyanide (ppm)												
[Method 7471]	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivoletile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-43-1 0.5-2.5	B-43-2 8.5-10.5	B-44-1 1.5-3.5	B-44-2 12-14	B-45 1-3	FB091598	TB091598	TB091798	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)										
[Method 8260]						ALL ND	ALL ND	ALL ND		
Methylene Chloride			11		4.9J				NE	1E+02
Acetone		13JB	44B	20JB	20JB				NE	2E+02
1,1,2,2-Tetrachloroethane	*			4.6J					NE	6E+02
m,p-Xylene	1.3J								2E+08/NE	1.2E+03
Total VOCs	1.3	13	55	24.6	24.9				NE	1E+04
Semivolatile Organic Compounds (ppb)										
[Method 8270]		ALL ND			ALL ND	ALL ND	NA	NA		
Naphthalene	50 J								3E+05	1.3E+04
2-Methylnaphthalene	44 J		64 J						NE	3.64E+04
Acenaphthylene	69 J								NE	4.1E+04
Acenaphthene	190 J								5E+06	5E+04
Dibenzofuran	69 J								NE	6.2E+03
Fluorene	140 J								3E+06	5E+04
Phenanthrene	1,200		180 J	150 J					NE	5E+04
Anthracene	410		200 J	42 J					2E+07	5E+04
Fluoranthene	1,900		200 J	230 J					3E+06	5E+04
Pyrene	3,200		230 J	210 J					2E+06	5E+04
Benzo (a) Anthracene	**1,100**		92 J	93 J					220	224 or MDL
Chrysene	**1,400**		210 J	120 J					NE	400
Bis (2-Ethylhexyl) Phthalate	490			48 J					NE	5E+04
Benzo (b) Fluoranthene	**3,300**		**316 J**	220 J					220	1.1E+03
Benzo (a) Pyrene	**1,200**		**110 J**	56 J					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	76 J								NE	3.2E+03
Dibenzo (a,h) Anthracene	**85 J**								14	14 or MDL
Benzo (g,h,i) Perylene	270 J			51 J					NE	5E+04
Total TICs	NA	NA	NA	NA	NA	NA	NA	NA		
Total SVOCs	15,193		1,596	1,220					NE	5E+05
Pesticides / PCBs (ppb)										
[Method 8082]		ALL ND	ALL ND	ALL ND	ALL ND	ALL ND	NA	NA		
Endosulfan Sulfate	8.3								NE	1E+03
DDT	3.8								NE	2.1E+03
Total Pesticides	12.1								NE	1E+04
Metals (ppm)										
[Method 6010]										
Aluminum	8,460	4,130	2,140	2,220	5,510				NE	SB
Antimony			24.1						NE	SB
Arsenic	**13**	6.4	**18.9**	7.7	3				NE	7.5 or SB
Beryllium	**0.87**	**0.26**		**0.37**	**0.46**				NE	0.16 or SB
Calcium	543	294	45,200	538	163				NE	SB
Copper	**93.5**	**27.7**	**788**	**57**	**26.9**				NE	25 or SB
Iron	**34,700**	**9,700**	**14,400**	**7,850**	**9,030**				NE	2000 or SB
Lead	96.8	77.1	240	192	26.9				NE	SB
Magnesium	3170	3190	671	633	3920				NE	SB
Manganese	434	117	63.9	74.6	241				NE	SB
Mercury				**0.52**					NE	0.1
Nickel	**98.9**	**61.4**	11.8	**15.2**	**130**				NE	13 or SB
Potassium	1040	1560	256	267	774				NE	SB
Selenium				**2.7**					NE	2 or SB
Sodium	258	259	729	544	220				NE	SB
Zinc	**153**	**214**	**611**	**173**	**663**				NE	20 or SB
Total Cyanide (ppm)										
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

MDL = Method Detection Limit
J = Detected below MDL, estimated value
Bold typeface -Soil criterion has been exceeded

TRC

SUPPLEMENTAL SITE INVESTIGATION REPORT

BALLPARK AT ST. GEORGE STATION, STATEN ISLAND, NEW YORK

Prepared for
New York City Economic Development Corp.
New York, New York

Prepared by
TRC Environmental Corporation
Windsor, Connecticut

TRC Project No. 14638-0310
September 1999

TRC Environmental Corporation
5 Waterside Crossing
Windsor, Connecticut 06095
Telephone 860-289-8631
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TABLE 3-1 (continued)
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-11	SS-12	H-SB3	H-SB3-2	H-SB3A	H-SB3B	NYSDEC TAGM	DEC TAGM 4046 SOIL CLEANUP	DEC TAGM 4046 SOIL CLEANUP
Sample Depth:	0 - 3"	0 - 3"	0 - 3"	3 - 6"	0 - 3"	0 - 3"	94-4046	PROTECT GW	HUM HEALTH
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)			NA	NA	NA	NA			
4-Methylphenol		65 J					900	900	4,000,000
Naphthalene	130 J	290 J					13,000	13,000	300,000
2-Methylnaphthalene	130 J	280 J					36,400	36,400	NE
Acenaphthylene	260 J	790					41,000	41,000	NE
Acenaphthene		92 J					50,000	90,000	5,000,000
Dibenzofuran	120 J	210 J					6,200	6,200	NE
Fluorene		100 J					50,000	350,000	3,000,000
Pentachlorophenol		110 J					1,000 or MDL	1,000	2,000,000
Phenanthrene	700	2,100					50,000	220,000	NE
Anthracene	460 J	920					50,000	700,000	20,000,000
Carbazole	140 J	720					NE	NE	NE
Di-n-butyl Phthalate		150 J					8,100	8,100	8,000,000
Fluoranthene	1,600	6,600 D					50,000	1,900,000	3,000,000
Pyrene	1,500	5,400 D					50,000	665,000	2,000,000
Butylbenzyl Phthalate	69 J	66 J					50,000	122,000	20,000,000
Benzo (a) Anthracene	830	2,300 JD					224 or MDL	3,000	224
Chrysene	1,600	3,800 D					400	400	NE
Bis (2-Ethylhexyl) Phthalate	310 J	230 J					50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate							50,000	120,000	2,000,000
Benzo (b) Fluoranthene	2,400	5,200 D					1,100	1,100	NE
Benzo (k) Fluoranthene	2,200	2,600 JD					1,100	1,100	NE
Benzo (a) Pyrene	900	2,400					61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	410 JD	1,000 JD					3,200	3,200	NE
Dibenzo (a,h) Anthracene	150 J	500 JD					14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	330 JD	730 JD					50,000	800,000	NE
Total TICs	33,060	21,570					NE	NE	NE
Total SVOCs	47,299	58,158					500,000		
METALS (ppm)								EASTERN USA BACKGROUND	
Aluminum	2,790	2,750	2,480	3,810	3,160	4,940	SB	33,000	
Antimony	15.2 B	11.9 B	12.4	17.8			SB	NE	
Arsenic	466	278	22.8	34.5	31.1	1.7	7.5 or SB	3-12 (**)	
Barium	84.2	232	37.7	107	54.9	25.7 B	300 or SB	15-600	
Beryllium	1.9	2.9	5.2	2.6	3.6	0.46 B	0.16 or SB	0-1.75	
Cadmium	4.5	7.1	8.5	4.8	5.7	1.1	1 or SB	0.1-1	
Calcium	3,710	1,390	128,000	45,300	74,100	4,960	SB	130-35,000(**)	
Chromium	32	51	15	15	22	15	10 or SB	1.5-40(**)	
Cobalt	8 B	10 B	5 B	4 B	6.3 B	7.2 B	30 or SB	2.5-60(**)	
Copper	164	243	52.5	129	58.5	11.3	25 or SB	1-50	
Iron	62,300	120,000	8,890	14,000	14,300	5,700	2,000 or SB	2,000-550,000	
Lead	330	722	153	213	169	10.1	SB (200-500)	(***)	
Magnesium	1,190 B	852 B	73,900	27,500	49,800	9,080	SB	100-5,000	
Manganese	368	1,060	154	115	233	57	SB	50-5,000	
Mercury	0.64	0.52		0.1 B	0.05 B		0.1	0.001-0.2	
Nickel	35.8	48.5	27.7	24.2	82.7	110	13 or SB	0.5-25	
Potassium	447 B	469 B	1,180	744 B	682 B	314 B	SB	8,500-43,000(**)	
Selenium							2 or SB	0.1-3.9	
Silver			2.5				SB	NE	
Sodium	618 B	551 B	580 B	508 B	570 B	572 B	SB	6,000-8,000	
Thallium							SB	NE	
Vanadium	73	79	19	30	24	20	150 or SB	1-300	
Zinc	136	309	868	1,810	116	27.1	20 or SB	9-50	
Cyanide	NA	NA	NA	NA	NA	NA	–	NE	

Notes:
Bold Typeface = Soil guideline has been exceeded
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
D = Dilution factor of 5.0 was used to establish value shown
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used to establish value shown
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to Instrument Detection Limit (IDL)

TABLE 3-2
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-46-1 0 - 2'	B-47-1 0 - 2'	B-47-2 6 - 8'	B-48-1 0 - 2'	B-49-1 0 - 2'	B-50-1 0 - 2'	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)										
Methylene Chloride	14	19 B	19 B	14 B	45 B	25 B	NE	100	100	93,000
Acetone							NE	200	110	8,000,000
Chloroform						1 J	NE	300	300	114,000
Toluene				2 J			2E+07	1,500	1,500	20,000,000
Total TICs	25	76	304	13	135	64				
Total VOCs	39	95	323	29	180	90	NE	10,000		
Semivolatile Organic Compounds (ppb)										
Naphthalene	43 J	590 J		230 JD		450	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	42 J	330 J		400 JD		420	NE	36,400	36,400	NE
Acenaphthylene	98 J	1,100	300 J	200 JD		420	NE	41,000	41,000	NE
Acenaphthene	68 J	2,200	400	1,200 JD		1,300	5E+06	50,000	90,000	5,000,000
Dibenzofuran	57 J	1,100	330 J	540 JD		760	NE	6,200	6,200	NE
Fluorene	74 J	2,100	640	1,300 JD		1,500	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)			1,000				NE	NE	NE	NE
Diethyl Phthalate							NE	7,100	7,100	60,000,000
Phenanthrene	850 JD			8,900 D			NE	50,000	220,000	NE
Anthracene	260 J	6,000 JD	880	2,000		3,000 JD	2E+07	50,000	700,000	20,000,000
Carbazole	110 J	3,600	620	790 JD		1,400	NE	NE	NE	NE
Di-n-butyl Phthalate							NE	8,100	8,100	8,000,000
Fluoranthene	2,000 D	41,000 D	4,500 D	10,000 D			3E+06	50,000	1,900,000	3,000,000
Pyrene	2,000 D	38,000 D	3,700 D	14,000 D	78 J		2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate	46 J	220 J		73 J			NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	1,100	21,000 D	2,200	5,200 D			220	224 or MDL	3,000	224
Chrysene	1,400 JD	21,000 D	1,800	5,000 D	66 J	7,800 JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	600	2,800	120 J	1,000 JD		810	NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate	46 J			99 J			NE	50,000	120,000	2,000,000
Benzo(b) Fluoranthene	1,600	25,000 D	2,100	6,300 D		6,100 JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	2,000	16,000 JD	2,600	7,300 D		6,500 JD	220	1,100	1,100	NE
Benzo(a) Pyrene	1,200	21,000 D	1,900	5,200 D		7,000 JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	490	6,700 JD	720 JD	1,500		2,700 JD	NE	3,200	3,200	NE
Dibenzo (a,h) Anthracene		5,100 J	350 JD	880		2,000 JD	14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	470	5,100 JD	620 JD	1,000		2,200 JD	NE	50,000	800,000	NE
Total TICs	19,370	31,910	38,130	80,550	24,260	52,430				
Total SVOCs	33,924	251,850	62,910	153,662	24,404	96,790	NE	500,000		
Metals (ppm)									**EASTERN BACKGROUND**	
Aluminum	3,350 E	14,200 E	5,840	5,910 E	2,430 E	4,810 E	NE	SB	33,000	
Antimony	54.4	23.7		54.4	28.2	19.5	NE	SB	NE	
Arsenic	42.7	4.9	5.6	32.8	22.4	72.8	NE	7.5 or SB	3-12 (**)	
Barium	91.8 EN	80.5 EN	49.4	144 EN*	78.5 EN	84.2 EN	NE	300 or SB	15-600	
Beryllium	1	1.3	1.8	3.8	1.6	1.7	NE	0.16 or SB	0-1.75	
Cadmium	2.4	3	3	8.2	4.6	3.2	NE	1 or SB	0.1-1	
Calcium	12,800 E	21,400 E	3,300	17,200 *	1,030 E	13,000 E	NE	SB	130-35,000(***)	
Chromium	16.6	37.3	49.2	86.4 N*	17.2	21.8	NE	10 or SB	1.5-40(**)	
Cobalt	6.1	12.6	24.1	9.9 B	6.7	11.7	NE	30 or SB	2.5-60(**)	
Copper	78 N	77.5 N	82.2	346 N	128 N	272 N	NE	25 or SB	1-50	
Iron	21,300 E	17,000 E	24,400	128,000	53,700 E	36,100 E	NE	2,000 or SB	2,000-550,000	
Lead	398	114	92.3	1670	979	315	NE	SB (200-500)	(***)	
Magnesium	2,330 E	7,950 E	33,200	5,970	1,180 E	6,140 E	NE	SB	100-5,000	
Manganese	124 E	206 E	215	496 E	133 E	574 E	NE	SB	50-5,000	
Mercury	0.64	0.19	1.2	0.23	0.48	0.23	NE	0.1	0.001-0.2	
Nickel	29.8	32.8	359	93.9 EN	31.1	35.9	NE	13 or SB	0.5-25	
Potassium	672	764	1,380	481 B	558	685 B	NE	SB	8,500-43,000(**)	
Selenium	0.51 W						NE	2 or SB	0.1-3.9	
Silver	2.2			2.2			NE	SB	NE	
Sodium	585	2,020	841	808 B	568	687 B	NE	SB	6,000-8,000	
Vanadium	30.4	91.5	25.5	69.6	15.8	29.8	NE	150 OR SB	1-300	
Zinc	157 N	200 N	261	327 E	373 N	154 N	NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit

J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-46-1, B-47-2 and B-48-1 to establish value
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value

Organics:
B = Also detected in blank sample

Inorganics:
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-51-1 0 - 2'		B-52-1 0 - 2'		B-52-2 6 - 8'		B-53-1 0 - 2'		B-53-2 4 - 6'		B-53-3 6 - 8'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	30	B	13	B	74	B	60	B	100	JB	10	JB	NE	100	100	93,000
Acetone					77								NE	200	110	8,000,000
Chloroform	3	J			25	J	3	J	26	J			NE	300	300	114,000
Toluene							1	J					2E+07	1,500	1,500	20,000,000
Total TICs	341		13		5,500		138		7,880		571					
Total VOCs	374		26		5,676		202		8,006		581		NE	10,000		
Semivolatile Organic Compounds (ppb)																
Naphthalene			140	J			390						3E+05	13,000	13,000	300,000
2-Methylnaphthalene			150	J			200	J					NE	36,400	36,400	NE
Acenaphthylene	93	J	140	J			120	J					NE	41,000	41,000	NE
Acenaphthene			88	J	840	J	2,200	JD	1,400	J	780	J	5E+06	50,000	90,000	5,000,000
Dibenzofuran	38	J	100	J			800	JD	930	J			NE	6,200	6,200	NE
Fluorene			96	J	2,000	J	1,700	JD	1,900	J	470	J	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)									4,700				NE	NE	NE	NE
Diethyl Phthalate			710	JD									NE	7,100	7,100	60,000,000
Phenanthrene	350	J	960		1,200	J			1,000	J			NE	50,000	220,000	NE
Anthracene	110	J	300	J	920	J	3,500	D	480	J			2E+07	50,000	700,000	20,000,000
Carbazole							1,100						NE	NE	NE	NE
Di-n-butyl Phthalate							140	J					NE	8,100	8,100	8,000,000
Fluoranthene	620		1,600	JD	2,200	J	18,000	D	440	J			3E+06	50,000	1,900,000	3,000,000
Pyrene	410		1,400	JD	1,500	J	16,000	D	460	J			2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate			63	J	690	J							NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	220	J	960		680	J	7,800	D					220	224 or MDL	3,000	224
Chrysene	490		1,200				8,400	D					NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	72	J	790				710						NE	50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate			69	J			44	J					NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	320	J	1,500		460	J	9,000	D					220	1,100	1,100	NE
Benzo (k) Fluoranthene			1,200		590	J	6,700	JD					220	1,100	1,100	NE
Benzo (a) Pyrene	180	J	1,100		610	J	8,300	D					61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	120	J	540				3,500	JD					NE	3,200	3,200	NE
Dibenz (a,h) anthracene	68	J	300	J			1,900	JD					14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	95	J	590				3,300	JD					NE	50,000	800,000	NE
Total TICs	11,020		29,530		148,400		41,830		98,200		114,100					
Total SVOCs	14,206		43,526		160,090		135,634		109,510		115,350		NE	500,000		
Metals (ppm)																
															EASTERN BACKGROUND	
Aluminum	4,850	E	6,030	E	3,390	E	6,780	E	11,700	E	9,590	E	NE	SB	33,000	
Antimony	13.6	*	21.9		17.4								NE	SB	NE	
Arsenic	108		77.4		20.6		99.4		3.7		8.9		NE	7.5 or SB	3-12 (**)	
Barium	80.3	E	189	EN	75.1	EN	120	E	72.2	E	52.9	E	NE	300 or SB	15-600	
Beryllium	1.2		1.5		0.63		1.2		0.92		0.93	B	NE	0.16 or SB	0-1.75	
Cadmium	2.2		2.4		2.7		2		1.6		2.1		NE	1 or SB	0.1-1	
Calcium	893	B	22,300	E	1,750	E	8,670		3,530		1,650		NE	SB	130-35,000(***)	
Chromium	15.5		27.4		13.5		24.1		25.5		23.5		NE	10 or SB	1.5-40(***)	
Cobalt	6.9	B	7.5	B	18.6		7.8	B	9.8		11.1	B	NE	30 or SB	2.5-60(***)	
Copper	257	E	122	N	86.4	N	103	E	47.4	E	39.9	E	NE	25 or SB	1-50	
Iron	29,000	E	21,400	E	13,000	E	20,100	E	16,000	E	18,000	E	NE	2,000 or SB	2,000-550,000	
Lead	251		291		111		233		113		61		NE	SB (200-500)	(***)	
Magnesium	375	B	3,700	E	1,140	BE	4,080		5,970		3,470		NE	SB	100-5,000	
Manganese	182	EN*	124	E	46.9	E	199	EN*	228	EN*	131	EN*	NE	SB	50-5,000	
Mercury	0.21		0.57		0.25		1.4		0.47		0.21		NE	0.1	0.001-0.2	
Nickel	15.9		48.8		45.9		49.5		73.4		52.9		NE	13 or SB	0.5-25	
Potassium	687	B	838		683		800	B	2,300		2,040		NE	SB	8,500-43,000(**)	
Selenium													NE	2 or SB	0.1-3.9	
Silver											2.2	BN	NE	SB	NE	
Sodium	534	B	1,010		739		823		1,110		921		NE	SB	6,000-8,000	
Vanadium	22.7		57.6		18.8		33.6		29.7		25.1		NE	150 OR SB	1-300	
Zinc	38.2		168	N	523	N	153		82.5		136		NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-52-1 to establish value shown
Dilution factor of 10.0 used for B-52-2 and B-53-3 to establish value shown
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value shown
Organics: B = Also detected in blank sample
Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	MW-13-1 0 - 2'		MW-14-1 0 - 2'		MW-15-1 0 - 2'		MW-15-2 2 - 4'		MW-16-1 0 - 2'		MW-17-1 0 - 2'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	14	B	42	B	18	B	9	JB	17	B	33	B	NE	100	100	93,000
Acetone													NE	200	110	8,000,000
Chloroform													NE	300	300	114,000
Toluene	2	J	7	J	4	J	4	J	3	J			2E+07	1,500	1,500	20,000,000
Total TICs	131		648		26		13		13		53		NE	10,000		
Total VOCs	147		697		48		26		33		86					
Semivolatile Organic Compounds (ppb)																
Naphthalene	170	J	360	J	600	J	2,800	JD			74	J	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	210	J	410		500	J	2,500	JD	48	J	50	J	NE	36,400	36,400	NE
Acenaphthylene	36	J	120	J	1,900	JD	360	J	68	J	290	J	NE	41,000	41,000	NE
Acenaphthene			55	J	4,900	JD	5,000				450		5E+06	50,000	90,000	5,000,000
Dibenzofuran	83	J	170	J	2,300	JD	5,800	JD			180	J	NE	6,200	6,200	NE
Fluorene			82	J	4,300		12,000	JD			440		3E+06	50,000	350,000	3,000,000
Diethyl Phthalate													NE	7,100	7,100	60,000,000
Phenanthrene	260	J	960						440		5,300	JD	NE	50,000	2.2E+05	NE
Anthracene	52	J	240	J	14,000	JD			130	J	1,500		2E+07	50,000	700,000	20,000,000
Carbazole			140	J	5,500	JD	10,000	JD	45	J	720		NE	NE	NE	NE
Di-n-butyl Phthalate							120	J			47	J	NE	8,100	8,100	8,000,000
Fluoranthene	290	J	1,100		72,000	D	67,000	JD	740		11,000	D	3E+06	50,000	1,900,000	3,000,000
Pyrene	240	J	1,100		6,200	D	60,000	D	840		9,900	D	2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate					380	J	390	J	50	J	74	J	NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	140	J	620		33,000	D	3,000	D	450		5,300	JD	220	224 or MDL	3,000	224
Chrysene	220	J	1,000		32,000	D	29,000	D	510		5,400	JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	91	J	89	J	4,700		5,200		220	J	1,400		NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate					160	J			53	J	64	J	NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	260	J	1,000		30,000	D	28,000	D			8,100	JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	170	J	1,100		36,000	D	34,000	D			6,100	JD	220	1,100	1,100	NE
Benzo (a) Pyrene	99	J	650		31,000	D	28,000	D			6,800	JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	44	J	270	J	9,000	JD	7,600	JD	150	J	2,400		NE	3,200	3,200	NE
Dibenz (a,h) anthracene			140	J	5,200	JD	4,600	JD			1,300		14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene			220	J	7,300	JD	6,200	JD			2,000		NE	50,000	800,000	NE
Total TICs	14,308		19,400		31,785		93,230		27,600		45,020		NE	500,000		
Total SVOCs	16,673		29,226		332,725		404,800		31,344		113,909					
Metals (ppm)															**EASTERN BACKGROUND**	
Aluminum	2,710	E	4,660	E	9,920	E	8,830	E	3,850		9,760		NE	SB	33000	
Antimony	14.5		41.7		14.4		14.7						NE	SB	N/A	
Arsenic	307		273		63.9		15		13.2		7.6		NE	7.5 or SB	3-12 (**)	
Barium	77.1	EN	191	EN	132	EN	139	EN	127		89		NE	300 or SB	15-600	
Beryllium	2.4		1.5		2.7		2.4		1.5		1.1		NE	0.16 or SB	0-1.75	
Cadmium	3.8		2.7		2.7		3.8		3.3		2.7		NE	1 or SB	0.1-1	
Calcium	7,800	E	5,910	E	25,900	E	37,200	E	19,300		22,800		NE	SB	130-35,000(**)	
Chromium	133		21.1		46.1		37		17.8		37		NE	10 or SB	1.5-40(**)	
Cobalt	24.1		6.1	B	12.2		10.4		7	B	7.7	B	NE	30 or SB	2.5-60(**)	
Copper	37	N	150	N	160	N	129	N	127		61.6		NE	25 or SB	1-50	
Iron	22,300	E	35,300	E	28,000	E	13,500	E	22,300		13,000		NE	2,000 or SB	2,000-550,000	
Lead	93.1		260		181		235		965		161		NE	SB (200-500)	(***)	
Magnesium	53,000	E	1,330	E	9,670	E	9900	E	5,520		7,580		NE	SB	100-5,000	
Manganese	426	E	174	E	241	E	265	E	197		186		NE	SB	50-5,000	
Mercury	0.51		0.17		0.24		0.25		1.1		0.13		NE	0.1	0.001-0.2	
Nickel	464		25.9		51.2		50.9		46.3		35.8		NE	13 or SB	0.5-25	
Potassium	737	B	873	B	906		711		261	B	358	B	NE	SB	8,500-43,000(**)	
Selenium			0.44	BW					0.53	B			NE	2 or SB	0.1-3.9	
Silver													NE	SB	N/A	
Sodium	647	B	655	B	1,380		1,430		540	B	1,440		NE	SB	6,000-8,000	
Vanadium	36		45.4		76.3		75.5		19		66.7		NE	150 OR SB	1-300	
Zinc	32.7	N	155	N	265	N	513	N	176		120		NE	20 or SB	9-50	

Notes:
NE= Value Not Established
SB = Site Background
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit

Bold typeface = Soil guideline has been exceeded

J = Detected below MDL, estimated value
D = Dilution factor of 20.0 used for MW-15-1 and MW-15-2 to establish value shown
Dilution factor of 25.0 used for MW-17-1 to establish value shown

Organics: B = Also detected in blank sample

Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

Asya Bychkov

From: O'Connell, Jane H (DEC)
Sent: Thursday, March 03, 2016 12:35 PM
To: Asya Bychkov
Cc: Ashutosh Sharma; Crawford, Nigel (DEC)
Subject: RE: NY Wheel V-00228 - Soil Reuse Request

Follow Up Flag: Follow up
Flag Status: Flagged

Asya:

Nigel had reviewed the data and sent me an email indicating the material would be acceptable for reuse under an impervious cover (i.e., concrete). Can you confirm this is the intended use of the material?

Jane

Jane H. O'Connell
Chief, Superfund and Brownfield Cleanup Section, Division of Environmental Remediation

New York State Department of Environmental Conservation
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4599 | F: (718) 482-6358 | M: (917) 817-1845 | jane.oconnell@dec.ny.gov
www.dec.ny.gov |

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Monday, February 29, 2016 2:57 PM
To: O'Connell, Jane H (DEC)
Cc: Ashutosh Sharma; Crawford, Nigel (DEC)
Subject: FW: NY Wheel V-00228 - Soil Reuse Request

Jane,

Could you please take a look at the attached soil reuse request for NY Wheel? I believe Nigel may have already discussed it with you (we originally sent it on 2/16), but he's on vacation now and the contractor was hoping to know soon whether they can reuse the soil. This is site soil excavated in the course of construction, and it's proposed to be reused under the site cap. Please let me know if you have any questions!

Thanks,
Asya

--

Asya Bychkov, P.E.
Environmental Engineer
.....

AKRF, INC.
Environmental, Planning, and Engineering Consultants

440 Park Ave South, 7th Floor | New York, NY 10016

P) 646.388.9533 | F) 212.726.0942

www.akrf.com

---------- Forwarded message ----------
From: **Ashutosh Sharma** <asharma@akrf.com>
Date: Tue, Feb 16, 2016 at 2:15 PM
Subject: NY Wheel V-00228 - Soil Reuse Request
To: Nigel Crawford <nigel.crawford@dec.ny.gov>
Cc: Marcus Simons <msimons@akrf.com>, Michelle Lapin <mlapin@akrf.com>, Robert Caravella <rcaravella@akrf.com>

Hi Nigel,

Please find attached for your review the report documenting the sampling procedures and the analytical results of the samples collected from the soil stockpiled on-site. Based on the analytical results and comparison to the historical site background ranges, we propose to reuse the soil under the site cap (concrete slab, impervious pavement or a minimum of 12-inch layer of clean cover soil). Please review and let us know if this is acceptable.

Please note that the laboratory analytical report file was too big to email and therefore has been uploaded on a webfolder. The laboratory report can be downloaded by following the link and logon instructions provided below.

AKRF WebFolders LogOn Instructions

Below are instructions for securely sending/receiving large files for project via AKRF's Extranet:

Click on (or otherwise navigate to): https://nyctransfer.akrf.com

Login with credentials:

Username: **NYwheelV00228**
Password: **Soilreuse021616**
[Please Note: Username and Password are cAsE sEnsItive]

A window should appear where you can:
Select extranet files to transfer to your computer; or
Select files on your computer to transfer to the extranet.

Notes:

As of 7/1/14: Files stored on AKRF's WebFolders system are available for thirty days only, based on the date they were uploaded.

WebFolders works best with the latest version of your web browser. If you are using an older web browser or a mobile phone, you may have trouble using the "full version" of the site: After a successful login, try the "View Lite Version" link at the bottom of the page.

If you are having trouble, contact your IT department. For password issues, contact AKRF's IT Help Desk (646) 388-9729 or email us.

This site can also be reached from http://www.akrf.com

(on the top menu, select "extranet" --> clients).

Regards,
Ashutosh Sharma
Environmental Scientist
.....

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March 8, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse and Sampling Plan Approval Request

Dear Mr. Crawford:

As part of site preparation and foundation work at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site, soil excavated from beneath the Site cap has been either reused at the same or proximate locations, or stockpiled on Site, in accordance with the Site Management Plan (SMP) (AKRF, February 2015). The current stockpile of approximately 15,000 cubic yards (CY) is being considered for reuse on-site below the future building foundations or other Site cap. This letter contains the laboratory analytical data for your review and approval of its on-site reuse.

In accordance with Table 6 of the SMP, on January 27, 2016, 15 grab samples were collected for volatile organic compounds (VOCs) analysis; and 16 five-point composite samples were collected for semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and TAL Metals analysis. The reduced sampling frequency for VOCs was previously approved by NYSDEC via email dated November 4, 2015. In addition, for QA/QC purposes, duplicates of the grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), a trip blank, and a field blank were collected. Sample SP-DUP-1 was a duplicate of SP-108-G (G= grab sample) and SP-108-C (C= composite sample), and SP-DUP-2 was a duplicate of SP-109-G and SP-109-C. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID), during excavation and during stockpile sampling, but no elevated readings were detected.

The laboratory analytical results are summarized in Tables 1 to 4. Complete laboratory analytical data is included as Attachment A. In accordance with the SMP, the data was compared to historical soil sampling data obtained within the footprint of the New York Wheel site and in the area to the north (across Bank Street) during previous Site investigations in 1998 and 1999, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) (Table 5 of the SMP). Since Site soil was capped in place rather than removed as part of previous remedial activities, this historical data is assumed to be representative of existing sub-cap soil quality. Ranges of contaminant concentrations detected in historical samples are included in Tables 1 to 4, with the historical sampling locations shown on Figure 1, and the relevant historical tables included as Attachment B.

The analytical data showed:

- **VOCs** – none were detected above the Part 375 Unrestricted Use Soil Cleanup Objectives (USCOs) or above the historical background ranges in the stockpile samples.
- **SVOCs** - several compounds were detected, but only at concentrations below USCOs and/or below the maximum historical background concentrations.
- **Pesticides** - 4,4'-DDD and 4,4'-DDT were detected in one sample (SP-123-C) but only below USCOs and/or below the maximum historical background concentrations.
- **PCBs** - not detected in any of the analyzed samples.
- **Metals** - detected at concentrations below USCOs or fully within the background ranges except for arsenic, chromium, cobalt, magnesium, mercury and nickel. Arsenic was detected in SP-111-C at 334 milligrams per kilograms (mg/kg), only slightly above the previous background maximum concentration of 307 mg/kg. Chromium was detected in SP-108-C at 139 mg/kg, only slightly above the previous background maximum concentration of 133 mg/kg. Cobalt was detected in several samples at concentrations ranging from 27 to 67.1 mg/kg, above the previous background maximum concentration of 24.1 mg/kg. Magnesium was detected in several samples at concentrations ranging from 55,900 to 123,000 mg/kg, above the previous background maximum concentration of 53,000 mg/kg. Mercury was detected in SP-113-C, SP-114-C, SP-115-C and SP-121A-C at concentrations ranging from 0.71 mg/kg to 2 mg/kg, above the previous background maximum concentration of 0.57 mg/kg. Nickel was detected in several samples at concentrations ranging from 555 mg/kg to 1,990 mg/kg, above the previous background maximum concentration of 464 mg/kg.

Based on these findings, although the stockpiled soil appears to be generally consistent with the contaminant levels elsewhere in sub-cap Site soil, it is recommended that it be considered suitable for reuse on-site as follows:

- Six samples, SP-109-C/SP-DUP-2, SP-110-C, SP-116-C, SP-119-C, SP-122-C, and SP-123-C, did not exhibit exceedances of historical Site maximum background levels. Portions of the stockpile corresponding to these samples can be reused beneath impervious portions of the final cap (e.g., concrete slab or impervious pavement) or landscaped portions of the final cap (i.e., a minimum 12-inch layer of clean cover soil underlain by a demarcation layer). The landscaped areas would be primarily at the Site, with some landscaping occurring north of the Site across Bank Street, but still within the Ballpark at St. George Station Site (V-00228).
- Concentrations of metals in six samples, SP-112-C, SP-114-C, SP-115-C, SP-117-C, SP-118-C, and SP-120-C were only slightly above historical Site maximum background levels, but within the same order of magnitude. In fact, concentrations of three of the four metals which exceeded historical Site background levels in these samples (cobalt, magnesium and nickel) met the criteria for imported clean soil approved under the 2006 Site Operations, Maintenance, and Monitoring (OM&M) Plan (the clean soil import criteria table is included as Attachment C). The fourth metal which exceeded historical Site background levels in these samples (mercury in samples SP-114-C and SP-115-C) was detected at 0.59 and 0.71 mg/kg respectively, only slightly above the historical Site maximum background level of 0.57 mg/kg. Portions of the stockpile corresponding to these samples can be reused beneath impervious or landscaped portions of the final cap.
- Four samples, SP-108-C/SP-DUP-1, SP-111-C, SP-113-C, and SP-121A-C, contained concentrations of chromium, arsenic, or mercury that exceeded historical Site maximum background levels and concentrations identified in the remainder of the stockpile. Portions of the stockpile corresponding to these samples would be reused only under impervious portions of the final cap.

The metal concentrations are most likely indicative of random variation within the fill material and seemingly do not indicate a different source. Additionally, their presence beneath the cap at these levels will not present a concern given the lack of an exposure pathway once the cap is completed. Compared to the historical concentrations identified at the Site, this soil does not present an increased risk of groundwater contamination.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

cc: Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC

TABLES

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-G 460-108135-1 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-G 460-108135-4 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-G 460-108135-7 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.3 U *	1.1 U *	1.3 U *	1.3 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dioxane	100	100	ND	29 U	26 U	23 U	26 U	25 U
2-Butanone (MEK)	120	120	ND-22	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
2-Hexanone	NS	NS	ND-20	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Acetone	50	50	ND-57	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Benzene	60	60	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromoform	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon disulfide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon tetrachloride	760	760	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroform	370	370	ND-10	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Cyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methyl acetate	NS	NS	NA	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylene Chloride	50	50	ND-98	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
o-Xylene	261 TS	1,600 TS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Styrene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Toluene	700	700	ND-7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichloroethene	470	470	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Vinyl chloride	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-111-G 460-108135-9 1/27/2016	SP-112-G 460-108135-11 1/27/2016	SP-113-G 460-108135-13 1/27/2016	SP-114-G 460-108135-15 1/27/2016	SP-115-G 460-108135-17 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.7 U *	1.2 U *	1.4 U *	1.4 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dioxane	100	100	ND	30 U	33 U	24 U	27 U	28 U
2-Butanone (MEK)	120	120	ND-22	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
2-Hexanone	NS	NS	ND-20	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Acetone	50	50	ND-57	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Benzene	60	60	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromoform	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon disulfide	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon tetrachloride	760	760	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
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Chloroform	370	370	ND-10	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
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Cyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
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Isopropylbenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methyl acetate	NS	NS	NA	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylene Chloride	50	50	ND-98	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
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Styrene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Toluene	700	700	ND-7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
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Trichlorofluoromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Vinyl chloride	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-116-G 460-108135-19 1/27/2016	SP-117-G 460-108135-21 1/27/2016	SP-118-G 460-108135-23 1/27/2016	SP-119-G 460-108135-25 1/27/2016	SP-120-G 460-108135-27 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.1 U *	1.2 U *	1.2 U *	1.2 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane	100	100	ND	24 U	22 U	23 U	24 U	23 U
2-Butanone (MEK)	120	120	ND-22	5.9 U	5.6 U	5.8 U	6 U	5.8 U
2-Hexanone	NS	NS	ND-20	5.9 U	5.6 U	5.8 U	6 U	5.8 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Acetone	50	50	ND-57	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Benzene	60	60	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromoform	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon disulfide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	760	760	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroform	370	370	ND-10	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Cyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methyl acetate	NS	NS	NA	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylene Chloride	50	50	ND-98	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Styrene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Toluene	700	700	ND-7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichloroethene	470	470	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-122-G 460-108135-30 1/27/2016	SP-123-G 460-108135-32 1/27/2016	TB-20160127 460-108135-34 1/27/2016 µg/L	FB-20160127 460-108135-35 1/27/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.2 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dioxane	100	100	ND	25 U	23 U	50 U *	50 U *
2-Butanone (MEK)	120	120	ND-22	3 J	4.3 J	5 U	5 U
2-Hexanone	NS	NS	ND-20	6.2 U	5.8 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	6.2 U	5.8 U	5 U	5 U
Acetone	50	50	ND-57	12	19	5 U	5 U
Benzene	60	60	ND	1.2 U	1.2 U	1 U	1 U
Bromoform	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Bromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Carbon disulfide	NS	NS	ND	0.62 J	0.87 J	1 U	1 U
Carbon tetrachloride	760	760	ND	1.2 U	1.2 U	1 U	1 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroform	370	370	ND-10	1.2 U	1.2 U	1 U	1 U
Chloromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.2 U	1 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Cyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.2 U	1 U	1 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Methyl acetate	NS	NS	NA	6.2 U	5.8 U	5 U	5 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.2 U	1 U	1 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Methylene Chloride	50	50	ND-98	1.2 U	1.2 U	1 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.2 U	1 U	1 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.2 U	1 U	1 U
Styrene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.2 U	1 U	1 U
Toluene	700	700	ND-7	1.2 U	1.2 U	1 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.2 U	1 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Trichloroethene	470	470	ND	1.2 U	1.2 U	1 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Vinyl chloride	20	20	ND	1.2 U	1.2 U	1 U	1 U
Total Conc	NS	NS	NA	15.62	24.17	0	0

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016 1	SP-DUP-1 460-108135-3 1/27/2016 2	SP-109-C 460-108135-5 1/27/2016 1	SP-DUP-2 460-108135-6 1/27/2016 1	SP-110-C 460-108135-8 1/27/2016 1
1,1'-Biphenyl	NS	NS	ND	390 U	74 J	66 J	58 J	90 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
2,4,5-Trichlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4,6-Trichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dimethylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4-Dinitrophenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
2,4-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2,6-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2-Chloronaphthalene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Chlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Methylnaphthalene	NS	NS	ND-950	100 J	190 J	210 J	180 J	370 J
2-Methylphenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
2-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Nitrophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
3,3'-Dichlorobenzidine	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
3-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
4-Bromophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloro-3-methylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chlorophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Methylphenol	330	330	ND-65	17 J	24 J	12 J	12 J	27 J
4-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Nitrophenol	NS	NS	ND	790 U	1,500 U	810 U	790 U	800 U
Acenaphthene	20,000	98,000	ND-5,100	110 J	760	160 J	110 J	290 J
Acenaphthylene	100,000	107,000	ND-790	30 J	56 J	63 J	39 J	81 J
Acetophenone	NS	NS	ND	390 U	760 U	400 U	17 J	39 J
Anthracene	100,000	500,000	ND-14,000	230 J	2,200	410	220 J	610
Atrazine	NS	NS	NA	160 U	310 U	160 U	160 U	160 U
Benzaldehyde	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	630	**4,200**	740	560	**1,700**
Benzo[a]pyrene	1,000	1,000	ND-31,000	600	**3,500**	780	560	**1,700**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	810	**4,500**	1,300	870	**2,500**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	480	2,800	350 J	430	1,100
Benzo[k]fluoranthene	800	1,700	ND-36,000	280	**1,800**	390	290	860
Bis(2-chloroethoxy)methane	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Bis(2-chloroethyl)ether	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	390 U	760 U	62 J	390 U	390 U
Butyl benzyl phthalate	NS	NS	ND-3,900	390 U	760 U	400 U	390 U	390 U
Caprolactam	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Carbazole	NS	NS	ND-10,000	75 J	440 J	160 J	92 J	300 J
Chrysene	1,000	1,000	ND-48,000	680	**4,400**	930	720	**2,000**
Dibenz(a,h)anthracene	330	560	ND-5,200	110	**580**	170	150	380
Dibenzofuran	7,000	210,000	ND-760	88 J	460 J	210 J	160 J	300 J
Diethyl phthalate	NS	NS	ND-710	390 U	760 U	400 U	390 U	23 J
Dimethyl phthalate	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Di-n-butyl phthalate	NS	NS	ND-150	390 U	760 U	400 U	92 J	390 U
Di-n-octyl phthalate	NS	NS	ND-160	390 U	760 U	400 U	390 U	390 U
Fluoranthene	100,000	500,000	ND-89,000	1,200	9,200	2,100	1,200	3,800
Fluorene	30,000	386,000	ND-5,800	120 J	870	230 J	120 J	270 J
Hexachlorobenzene	330	3,200	ND	39 U	76 U	40 U	39 U	39 U
Hexachlorobutadiene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
Hexachlorocyclopentadiene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Hexachloroethane	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	500	3,100	470	490	1,300
Isophorone	NS	NS	ND-280	160 U	310 U	160 U	160 U	160 U
Naphthalene	12,000	12,000	ND-1,300	260 J	440 J	420	390	870
Nitrobenzene	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	39 U	76 U	40 U	39 U	39 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	390 U	760 U	400 U	390 U	390 U
Pentachlorophenol	800	800	ND-110	310 U	610 U	320 U	310 U	320 U
Phenanthrene	100,000	500,000	ND-49,000	720	7,800	1,400	700	2,200
Phenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
Pyrene	100,000	500,000	ND-100,000	1,100	8,300	1,000	770	2,100
Total Conc	NS	NS	NA	8,140	55,694	11,633	8,230	22,910

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	Site	SP-111-C	SP-112-C	SP-113-C	SP-114-C	SP-115-C
Lab Sample ID	Part 375	Part 375	Background	460-108135-10	460-108135-12	460-108135-14	460-108135-16	460-108135-18
Date Sampled	Unrestricted	lowest of	Ranges	1/27/2016	1/27/2016	1/27/2016	1/27/2016	1/27/2016
Dilution	SCO	Commercial/ Groundwater (Table 5 of SMP)		2	2	1	1	1
µg/kg	µg/kg	µg/kg	µg/kg					
1,1'-Biphenyl	NS	NS	ND	820 U	90 J	42 J	42 J	54 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	820 U	800 U	400 U	400 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dimethylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4-Dinitrophenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2,6-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2-Chloronaphthalene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Chlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	190 J	270 J	160 J	150 J	170 J
2-Methylphenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
2-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Nitrophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
3-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Methylphenol	330	330	ND-65	820 U	31 J	29 J	46 J	15 J
4-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Nitrophenol	NS	NS	ND	1,700 U	1,600 U	820 U	820 U	840 U
Acenaphthene	20,000	98,000	ND-5,100	390 J	610 J	180 J	220 J	200 J
Acenaphthylene	100,000	107,000	ND-790	160 J	170 J	62 J	73 J	57 J
Acetophenone	NS	NS	ND	820 U	27 J	400 U	400 U	16 J
Anthracene	100,000	500,000	ND-14,000	1,200	1,600	470	860	330 J
Atrazine	NS	NS	NA	330 U	320 U	160 U	160 U	170 U
Benzaldehyde	NS	NS	NA	820 U	800 U	400 U	400 U	36 J
Benzo[a]anthracene	1,000	1,000	ND-41,000	**3,300**	**4,200**	970	**1,900**	690
Benzo[a]pyrene	1,000	1,000	ND-31,000	**3,200**	**4,200**	990	**1,800**	700
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**4,000**	**5,700**	1,300	**2,500**	990
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	1,500	1,700	430	860	330 J
Benzo[k]fluoranthene	800	1,700	ND-36,000	1,500	**2,200**	560	1,000	400
Bis(2-chloroethoxy)methane	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	180 J	210 J	400 U	400 U	410 U
Butyl benzyl phthalate	NS	NS	ND-3,900	820 U	800 U	400 U	400 U	410 U
Caprolactam	NS	NS	NA	820 U	800 U	400 U	34 J	52 J
Carbazole	NS	NS	ND-10,000	450 J	800	160 J	330 J	140 J
Chrysene	1,000	1,000	ND-48,000	**3,500**	**4,700**	**1,100**	**2,200**	820
Dibenz(a,h)anthracene	330	560	ND-5,200	520	**740**	140	290	93
Dibenzofuran	7,000	210,000	ND-760	290 J	440 J	180 J	210 J	180 J
Diethyl phthalate	NS	NS	ND-710	820 U	800 U	400 U	400 U	410 U
Dimethyl phthalate	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	820 U	800 U	400 U	400 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	820 U	800 U	400 U	400 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	7,900	11,000	2,500	5,100	1,800
Fluorene	30,000	386,000	ND-5,800	440 J	640 J	230 J	300 J	160 J
Hexachlorobenzene	330	3,200	ND	82 U	80 U	40 U	40 U	41 U
Hexachlorobutadiene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
Hexachlorocyclopentadiene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Hexachloroethane	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	2,000	2,300	540	1,100	380
Isophorone	NS	NS	ND-280	330 U	320 U	160 U	160 U	38 J
Naphthalene	12,000	12,000	ND-1,300	370 J	650 J	370 J	310 J	380 J
Nitrobenzene	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	82 U	80 U	40 U	40 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	820 U	800 U	400 U	46 J	410 U
Pentachlorophenol	800	800	ND-110	660 U	650 U	320 U	330 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	4,400	5,700	1,500	2,700	1,200
Phenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
Pyrene	100,000	500,000	ND-100,000	3,800	5,100	1,300	2,400	1,100
Total Conc	NS	NS	NA	39,290	53,078	13,213	24,471	10,331

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	Site	SP-116-C	SP-117-C	SP-118-C	SP-119-C	SP-120-C
Lab Sample ID	Part 375	Part 375	Background	460-108135-20	460-108135-22	460-108135-24	460-108135-26	460-108135-28
Date Sampled	Unrestricted	lowest of	Ranges	1/27/2016	1/27/2016	1/27/2016	1/27/2016	1/27/2016
Dilution	SCO	Commercial/ Groundwater (Table 5 of SMP)		1	1	1	2	1
µg/kg	µg/kg	µg/kg	µg/kg					
1,1'-Biphenyl	NS	NS	ND	91 J	72 J	51 J	790 U	74 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dimethylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4-Dinitrophenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2,6-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2-Chloronaphthalene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Chlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	340 J	230 J	150 J	110 J	210 J
2-Methylphenol	330	330	ND	380 U	400 U	410 U	790 U	410 U
2-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Nitrophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
3-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Methylphenol	330	330	ND-65	47 J	27 J	26 J	790 U	38 J
4-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Nitrophenol	NS	NS	ND	770 U	810 U	840 U	1,600 U	830 U
Acenaphthene	20,000	98,000	ND-5,100	150 J	230 J	180 J	110 J	830
Acenaphthylene	100,000	107,000	ND-790	95 J	70 J	99 J	41 J	54 J
Acetophenone	NS	NS	ND	44 J	26 J	23 J	790 U	410 U
Anthracene	100,000	500,000	ND-14,000	410	600	520	310 J	1,500
Atrazine	NS	NS	NA	150 U	160 U	170 U	320 U	160 U
Benzaldehyde	NS	NS	NA	47 J	32 J	410 U	790 U	410 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	940	**1,300**	**1,400**	790	**3,300**
Benzo[a]pyrene	1,000	1,000	ND-31,000	760	**1,300**	**1,500**	740	**3,100**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	1,500	**1,800**	**2,100**	980	**4,500**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	340 J	670	720	380 J	1,300
Benzo[k]fluoranthene	800	1,700	ND-36,000	520	660	820	420	1,500
Bis(2-chloroethoxy)methane	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	380 U	400 U	410 U	790 U	140 J
Butyl benzyl phthalate	NS	NS	ND-3,900	380 U	400 U	410 U	790 U	410 U
Caprolactam	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
Carbazole	NS	NS	ND-10,000	180 J	240 J	220 J	150 J	940
Chrysene	1,000	1,000	ND-48,000	**1,300**	**1,500**	**1,600**	850	**3,600**
Dibenz(a,h)anthracene	330	560	ND-5,200	150	180	220	87	520
Dibenzofuran	7,000	210,000	ND-760	270 J	270 J	190 J	150 J	430
Diethyl phthalate	NS	NS	ND-710	380 U	400 U	410 U	790 U	410 U
Dimethyl phthalate	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	380 U	400 U	410 U	790 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	380 U	400 U	410 U	790 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	2,600	3,400	3,500	1,800	8,800
Fluorene	30,000	386,000	ND-5,800	220 J	270 J	220 J	160 J	830
Hexachlorobenzene	330	3,200	ND	38 U	40 U	41 U	79 U	41 U
Hexachlorobutadiene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
Hexachlorocyclopentadiene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Hexachloroethane	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	450	790	840	410	1,800
Isophorone	NS	NS	ND-280	31 J	160 U	170 U	320 U	160 U
Naphthalene	12,000	12,000	ND-1,300	530	460	360 J	210 J	540
Nitrobenzene	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	38 U	40 U	41 U	79 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	380 U	400 U	410 U	790 U	410 U
Pentachlorophenol	800	800	ND-110	310 U	320 U	330 U	640 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	1,500	1,900	1,600	1,000	5,600
Phenol	330	330	ND	380 U	400 U	410 U	70 J	410 U
Pyrene	100,000	500,000	ND-100,000	1,200	1,600	1,700	910	4,200
Total Conc	NS	NS	NA	13,715	17,627	18,039	9,678	43,806

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-121A-C 460-108135-29 1/27/2016 2	SP-122-C 460-108135-31 1/27/2016 2	SP-123-C 460-108135-33 1/27/2016 2	FB-20160127 460-108135-35 1/27/2016 1 µg/L
1,1'-Biphenyl	NS	NS	ND	790 U	71 J	760 U	10 U
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	790 U	790 U	760 U	10 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	790 U	790 U	760 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	790 U	790 U	760 U	10 U
2,4,5-Trichlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4,6-Trichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dimethylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4-Dinitrophenol	NS	NS	ND	640 U	640 U	610 U	20 U
2,4-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2,6-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2-Chloronaphthalene	NS	NS	ND	790 U	790 U	760 U	10 U
2-Chlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2-Methylnaphthalene	NS	NS	ND-950	130 J	230 J	160 J	10 U
2-Methylphenol	330	330	ND	790 U	790 U	760 U	10 U
2-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
2-Nitrophenol	NS	NS	ND	790 U	790 U	760 U	10 U
3,3'-Dichlorobenzidine	NS	NS	ND	320 U	320 U	300 U	10 U
3-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	640 U	640 U	610 U	20 U
4-Bromophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloro-3-methylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chlorophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Methylphenol	330	330	ND-65	790 U	22 J	73 J	10 U
4-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Nitrophenol	NS	NS	ND	1,600 U	1,600 U	1,500 U	20 U
Acenaphthene	20,000	98,000	ND-5,100	120 J	440 J	210 J	10 U
Acenaphthylene	100,000	107,000	ND-790	68 J	66 J	50 J	10 U
Acetophenone	NS	NS	ND	790 U	790 U	760 U	10 U
Anthracene	100,000	500,000	ND-14,000	510 J	770 J	420 J	10 U
Atrazine	NS	NS	NA	320 U	320 U	300 U	2 U
Benzaldehyde	NS	NS	NA	790 U	790 U	760 U	10 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	**1,600**	**1,800**	960	1 U
Benzo[a]pyrene	1,000	1,000	ND-31,000	**1,500**	**1,600**	970	1 U
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**2,400**	**2,400**	1,200	1 U
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	590 J	670 J	710 J	10 U
Benzo[k]fluoranthene	800	1,700	ND-36,000	790	880	500	1 U
Bis(2-chloroethoxy)methane	NS	NS	ND	790 U	790 U	760 U	10 U
Bis(2-chloroethyl)ether	NS	NS	ND	79 U	79 U	76 U	1 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	790 U	210 J	150 J	2 U
Butyl benzyl phthalate	NS	NS	ND-3,900	790 U	790 U	760 U	10 U
Caprolactam	NS	NS	NA	790 U	790 U	760 U	10 U
Carbazole	NS	NS	ND-10,000	190 J	410 J	170 J	10 U
Chrysene	1,000	1,000	ND-48,000	**2,000**	**2,100**	**1,200**	2 U
Dibenz(a,h)anthracene	330	560	ND-5,200	270	280	210	1 U
Dibenzofuran	7,000	210,000	ND-760	130 J	350 J	180 J	10 U
Diethyl phthalate	NS	NS	ND-710	790 U	790 U	760 U	10 U
Dimethyl phthalate	NS	NS	ND	790 U	790 U	760 U	10 U
Di-n-butyl phthalate	NS	NS	ND-150	790 U	790 U	760 U	10 U
Di-n-octyl phthalate	NS	NS	ND-160	790 U	790 U	760 U	10 U
Fluoranthene	100,000	500,000	ND-89,000	3,900	4,800	2,300	10 U
Fluorene	30,000	386,000	ND-5,800	170 J	470 J	240 J	10 U
Hexachlorobenzene	330	3,200	ND	79 U	79 U	76 U	1 U
Hexachlorobutadiene	NS	NS	ND	160 U	160 U	150 U	1 U
Hexachlorocyclopentadiene	NS	NS	ND	790 U	790 U	760 U	10 U
Hexachloroethane	NS	NS	ND	79 U	79 U	76 U	1 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	870	870	860	1 U
Isophorone	NS	NS	ND-280	320 U	320 U	27 J	10 U
Naphthalene	12,000	12,000	ND-1,300	260 J	490 J	340 J	10 U
Nitrobenzene	NS	NS	ND	79 U	79 U	76 U	1 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	79 U	79 U	76 U	1 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	790 U	790 U	760 U	10 U
Pentachlorophenol	800	800	ND-110	640 U	640 U	610 U	20 U
Phenanthrene	100,000	500,000	ND-49,000	1,300	2,800	1,600	10 U
Phenol	330	330	ND	790 U	790 U	760 U	10 U
Pyrene	100,000	500,000	ND-100,000	1,800	2,300	1,600	10 U
Total Conc	NS	NS	NA	18,598	24,029	14,130	0

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-108-C 460-108135-2 1/27/2016 1/20 † 	SP-DUP-1 460-108135-3 1/27/2016 1/4/10 † 	SP-109-C 460-108135-5 1/27/2016 1/4 † 	SP-DUP-2 460-108135-6 1/27/2016 1/4 † 	SP-110-C 460-108135-8 1/27/2016 1/4 † 	SP-111-C 460-108135-10 1/27/2016 1/20 † 	SP-112-C 460-108135-12 1/27/2016 1/4/10 †
Aluminum	**NS**	**NS**	**1,000-9,920**	2,610	4,960	7,040	7,610	5,810	3,190	4,970
Antimony	**NS**	**NS**	**ND-41.7**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Arsenic	**13**	**16**	**5.4-307**	13.5 J	**18.4**	15.2	14.3	**17.5**	**334**	12.3
Barium	**350**	**400**	**ND-232**	31.2 J	66.5	45.3	48.2	79.2	58.3 J	73.2
Beryllium	**7.2**	**47**	**0.32-8.45**	2.3 U	0.43 U	0.47	0.66	0.51	2.1 U	0.44 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	4.6 U	0.86 U	0.86 U	0.82 U	0.95 U	4.2 U	0.87 U
Calcium	**NS**	**NS**	**97.6-37,200**	12,900	10,100	6,340	7,200	13,200	10,500	13,400
Chromium	**30***	**1500***	**ND-133**	139	68.6	22.8	24	26.8	121	50.8
Cobalt	**NS**	**NS**	**ND-24.1**	67.1	37	20.6	12.6	14.3	38.7 J	36.8
Copper	**50**	**270**	**33.3-653**	19.3 J	43.2	42.5	47.9	81.5	231	56.3
Iron	**NS**	**NS**	**3,620-120,000**	36,600	26,100	23,400	19,800	21,400	118,000	27,100
Lead	**63**	**450**	**ND-729**	69.9	190	108	75.1	249	124	151
Magnesium	**NS**	**NS**	**506-53,000**	123,000	62,800	29,200	10,800	19,100	71,000	65,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	614	458	341	267	326	803	456
Mercury	**0.18**	**0.73**	**ND-0.57**	0.18	0.46	0.18	0.14	0.46	0.47	0.41
Nickel	**30**	**130**	**20.7-464**	**1,990**	**1,070**	**337**	**156**	**444**	**762**	**710**
Potassium	**NS**	**NS**	**186-2,250**	558 J	927 J	636 J	951 J	854 J	424 J	958 J
Selenium	**3.9**	**4**	**ND-3.4**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Silver	**2**	**8.3**	**ND**	11.4 U	2.2 U	2.2 U	2.1 U	2.4 U	10.6 U	2.2 U
Sodium	**NS**	**NS**	**169-1,430**	5,700 U	273 J	211 J	348 J	310 J	5,300 U	349 J
Thallium	**NS**	**NS**	**ND**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Vanadium	**NS**	**NS**	**ND-79**	9.2 J	15.3	20.9	21.6	30.6	27.9 J	34.8
Zinc	**109**	**2,480**	**32.7-736**	69	149	65.4	96.5	157	169	141

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-113-C 460-108135-14 1/27/2016 2/4 †	SP-114-C 460-108135-16 1/27/2016 1/4/10 †	SP-115-C 460-108135-18 1/27/2016 1/4 †	SP-116-C 460-108135-20 1/27/2016 1/4 †	SP-117-C 460-108135-22 1/27/2016 1/4 †	SP-118-C 460-108135-24 1/27/2016 1/4/10 †	SP-119-C 460-108135-26 1/27/2016 1/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	6,410	5,320	8,510	6,770	5,770	5,490	8,060
Antimony	**NS**	**NS**	**ND-41.7**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Arsenic	**13**	**16**	**5.4-307**	15	**16.7**	5	**28.1**	**18.3**	11.8	7.5
Barium	**350**	**400**	**ND-232**	63.3	50.5	77.7	60.8	47.1	49.5	49.5
Beryllium	**7.2**	**47**	**0.32-8.45**	0.45	0.39 J	0.63	0.54	0.45	0.37 J	0.55
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.86 U	0.88 U	0.85 U	0.84 U	0.9 U	0.85 U	0.86 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,300	19,000	8,380	6,030	9,610	14,200	8,450
Chromium	**30***	**1500***	**ND-133**	30.2	38.5	28.9	33.1	45.3	60.7	29.9
Cobalt	**NS**	**NS**	**ND-24.1**	16.2	31.9	13.2	20.3	27	35.7	18.1
Copper	**50**	**270**	**33.3-653**	60.9	44.8	54.4	106	65.1	45.8	41.1
Iron	**NS**	**NS**	**3,620-120,000**	19,800	25,500	18,700	28,600	25,500	26,100	22,800
Lead	**63**	**450**	**ND-729**	225	114	287	163	95.3	83.1	60.5
Magnesium	**NS**	**NS**	**506-53,000**	20,600	55,900	12,100	20,500	47,700	68,100	16,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	351	432	326	483	404	470	332
Mercury	**0.18**	**0.73**	**ND-0.57**	**1.5**	0.59	0.71	0.31	0.44	0.44	0.36
Nickel	**30**	**130**	**20.7-464**	**257**	**639**	**351**	**289**	**555**	**708**	**250**
Potassium	**NS**	**NS**	**186-2,250**	1,150	1,280	1,670	1,430	1,270	1,490	1,240
Selenium	**3.9**	**4**	**ND-3.4**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Silver	**2**	**8.3**	**ND**	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.1 U	2.1 U
Sodium	**NS**	**NS**	**169-1,430**	402 J	409 J	236 J	373 J	859 J	1,180	335 J
Thallium	**NS**	**NS**	**ND**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Vanadium	**NS**	**NS**	**ND-79**	23.9	25.6	23	27.8	19.4	26.4	25.8
Zinc	**109**	**2,480**	**32.7-736**	127	105	176	143	79.6	67.2	105

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-120-C 460-108135-28 1/27/2016 1/4/10 †	SP-121A-C 460-108135-29 1/27/2016 4	SP-122-C 460-108135-31 1/27/2016 1/4 †	SP-123-C 460-108135-33 1/27/2016 1/4 †	FB-20160127 460-108135-35 1/27/2016 1 µg/L
Aluminum	**NS**	**NS**	**1,000-9,920**	5,630	5,040	6,780	8,310	200 U
Antimony	**NS**	**NS**	**ND-41.7**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Arsenic	**13**	**16**	**5.4-307**	10.7	**16.8**	8.9	7.5	15 U
Barium	**350**	**400**	**ND-232**	40.8 J	77.5	70.2	66	200 U
Beryllium	**7.2**	**47**	**0.32-8.45**	0.41 J	0.43 J	0.54	0.57	2 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.93 U	0.88 U	0.9 U	0.87 U	4 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,200	8,570	10,300	9,120	5,000 U
Chromium	**30***	**1500***	**ND-133**	54	32.1	24	30.2	10 U
Cobalt	**NS**	**NS**	**ND-24.1**	32.7	12.7	12.2	11	50 U
Copper	**50**	**270**	**33.3-653**	30	55.8	64.6	63.6	25 U
Iron	**NS**	**NS**	**3,620-120,000**	26,000	18,000	17,000	18,200	150 U
Lead	**63**	**450**	**ND-729**	81.5	131	225	112	10 U
Magnesium	**NS**	**NS**	**506-53,000**	56,900	15,100	8,290	6,790	5,000 U
Manganese	**1,600**	**2,000**	**17.9-1,060**	444	260	267	272	15 U
Mercury	**0.18**	**0.73**	**ND-0.57**	0.37	**2**	0.41	0.51	0.2 U
Nickel	**30**	**130**	**20.7-464**	**813**	**211**	114	77.2	40 U
Potassium	**NS**	**NS**	**186-2,250**	1,270	657 J	1,240	1,800	5,000 U
Selenium	**3.9**	**4**	**ND-3.4**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Silver	**2**	**8.3**	**ND**	2.3 U	2.2 U	2.3 U	2.2 U	10 U
Sodium	**NS**	**NS**	**169-1,430**	309 J	182 J	308 J	616 J	5,000 U
Thallium	**NS**	**NS**	**ND**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Vanadium	**NS**	**NS**	**ND-79**	18.5	29.6	28.2	28.5	50 U
Zinc	**109**	**2,480**	**32.7-736**	76.6	98.2	158	117	30 U

† ***Dilution factor varies***

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-C 460-108135-5 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-C 460-108135-8 1/27/2016	SP-111-C 460-108135-10 1/27/2016	SP-112-C 460-108135-12 1/27/2016
Aroclor 1016	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1221	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1232	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1242	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1248	NS	NS	ND-240	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1254	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1260	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1262	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1268	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Polychlorinated biphenyls, Total	100	1,000	NA	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDE	3.3	17,000	ND-42	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDT	3.3	47,000	ND-96	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Aldrin	5	190	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
alpha-BHC	20	20	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
delta-BHC	40	250	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin	14	60	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin aldehyde	NS	NS	NA	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin ketone	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
gamma-BHC (Lindane)	100	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Heptachlor epoxide	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Methoxychlor	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Toxaphene	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-113-C 460-108135-14 1/27/2016	SP-114-C 460-108135-16 1/27/2016	SP-115-C 460-108135-18 1/27/2016	SP-116-C 460-108135-20 1/27/2016	SP-117-C 460-108135-22 1/27/2016	SP-118-C 460-108135-24 1/27/2016	SP-119-C 460-108135-26 1/27/2016
Aroclor 1016	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1221	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1232	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1242	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1248	NS	NS	ND-240	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1254	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1260	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1262	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1268	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Polychlorinated biphenyls, Total	100	1,000	NA	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDE	3.3	17,000	ND-42	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDT	3.3	47,000	ND-96	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Aldrin	5	190	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
alpha-BHC	20	20	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
delta-BHC	40	250	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin	14	60	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin aldehyde	NS	NS	NA	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin ketone	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
gamma-BHC (Lindane)	100	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Heptachlor epoxide	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Methoxychlor	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Toxaphene	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-120-C 460-108135-28 1/27/2016	SP-121A-C 460-108135-29 1/27/2016	SP-122-C 460-108135-31 1/27/2016	SP-123-C 460-108135-33 1/27/2016	FB-20160127 460-108135-35 1/27/2016 µg/L
Aroclor 1016	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1221	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1232	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1242	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1248	NS	NS	ND-240	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1254	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1260	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1262	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1268	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Polychlorinated biphenyls, Total	100	1,000	NA	83 U	81 U	81 U	77 U	0.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg					
4,4'-DDD	3.3	14,000	ND-61	8.3 U	8.1 U	8.1 U	2.3 J	0.02 U
4,4'-DDE	3.3	17,000	ND-42	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
4,4'-DDT	3.3	47,000	ND-96	8.3 U	8.1 U	8.1 U	19	0.02 U
Aldrin	5	190	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
alpha-BHC	20	20	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
beta-BHC	36	90	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Chlordane (technical)	NS	2,900	ND	83 U	81 U	81 U	77 U	0.5 U
delta-BHC	40	250	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Dieldrin	5	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin	14	60	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin aldehyde	NS	NS	NA	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin ketone	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
gamma-BHC (Lindane)	100	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Heptachlor	42	380	ND-61	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Heptachlor epoxide	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Methoxychlor	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Toxaphene	NS	NS	ND	83 U	81 U	81 U	77 U	0.5 U

Tables 1-4
NY Wheel
Staten Island, NY

Stockpile Sampling Soil Analytical Results

Notes

GENERAL

NS	:	No soil cleanup objective listed.
ND	:	No Detect
NA	:	Not applicable
U / U*	:	The analyte was not detected at the indicated concentration.
J	:	The concentration given is an estimated value.
TS	:	Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives	:	Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP)	:	Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

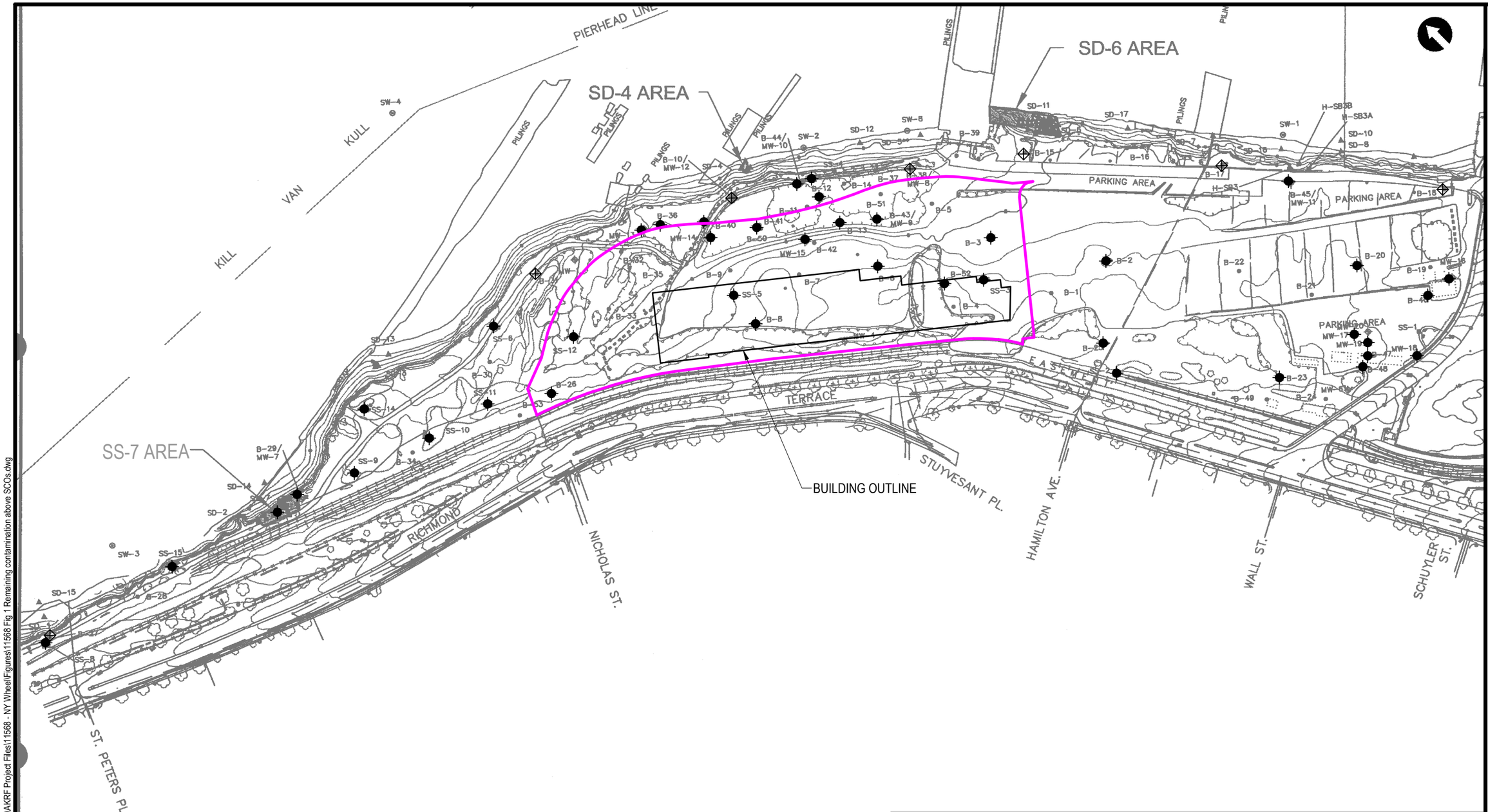
Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are highlighted in bold font.

Site Background Ranges	:	Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note	:	When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.
*****	:	Trivalent chromium standard
mg/kg	:	milligrams per kilogram = parts per million (ppm)
µg/kg	:	micrograms per kilogram = parts per billion (ppb)
µg/L	:	micrograms per Liter = parts per billion (ppb)

FIGURE



LEGEND:

- Soil Sample exceeding SSSCOs (lower of 6NYCRR Subpart 375 Commercial SCOs & Protection of Groundwater SCOs) for VOCs, SVOCs, and/or Metals.
- Soil Sample below SSSCOs.
- Site Boundary

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

St. George Waterfront Redevelopment
Staten Island, □e□ Yor□

LOCATION OF REMAINING CONTAMINATION ABOVE SITE SPECIFIC SCOS (SSSCOs)

DATE
11.19.2014

PROJECT NO.
11568

SCALE
as shown

FIGURE
1

©2014 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\11568 - NY Wheel\Figures\11568 Fig 1 Remaining contamination above SCOs.dwg

ATTACHMENT A
LABORATORY ANALYTICAL DATA

ATTACHMENT B
HISTORICAL SAMPLING TABLES

TRC

ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER CSX ST. GEORGE RAILYARD, STATEN ISLAND, NEW YORK

Prepared for

New York City Economic Development Corporation
New York, New York

Prepared by

TRC Environmental Corporation
Windsor, Connecticut

December 1998

TABLE 3
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-1	SS-2	SS-3	SS-4	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)					
[Method 8260]				ALL ND	
Methylene Chloride	8		5.1J		1E+02
Acetone	15JB	17JB	20JB		2E+02
m,p-Xylene		2.3J			1.2E+03
Total VOCs	23	19.3	25.1		1E+04
Semivolatile Organic Compounds (ppb)					
[Method 8270]					
Naphthalene	180 J	120 J			1.3E+04
2-Methylnaphthalene	280 J	140 J			3.64E+04
Acenaphthylene	100 J	110 J			4.1E+04
Acenaphthene	42 J		4,500 J		5E+04
Dibenzofuran	100 J	62 J			6.2E+03
Fluorene	54 J		4,500 J		5E+04
Phenanthrene	660	660	34,000 J	13,000 J	5E+04
Anthracene	120 J	170 J	9,900 J	3,000 J	5E+04
Di-n-butyl Phthalate	39 J				8.1E+03
Fluoranthene	1,100	1,300	50,000	20,000 J	5E+04
Pyrene	1,400	1,600	**58,000**	23,000	5E+04
Butylbenzyl Phthalate	280 J	72 J			5E+04
Benzo (a) Anthracene	**400**	**560**	**25,000 J**	**10,000 J**	224 or MDL
Chrysene	**940**	**1,600**	**26,000 J**	**12,000 J**	400
Bis (2-Ethylhexyl) Phthalate	660	300 J			5E+04
Di-n-octyl Phthalate	72 J				5E+04
Benzo (b) Fluoranthene	**1,800**	**3,700**	**62,000**	**25,000**	1.1E+03
Benzo (a) Pyrene	**520**	**610**	**16,000 J**	**7,100 J**	61 or MDL
Indeno (1,2,3-c,d) Pyrene	140 J	45 J	**6,300 J**	**4,800 J**	3.2E+03
Dibenzo (a,h) Anthracene		71 J			14 or MDL
Benzo (g,h,i) Perylene	140 J	310 J	7,600 J	5,800 J	5E+04
Total SVOCs	9,027	11,430	303,800	123,700	5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)					
[Method 8082]					
Aldrin	11	6.6			41
Endosulfan II	16	13			9E+02
Endosulfan Sulfate	14		69		1E+03
DDE	6.5	35			2.1E+03
DDD	5.1	7.8			2.9E+03
DDT	45	220	36	25	2.1E+03
Total Pesticides	97.6	282.4	105	25	1E+04
Aroclor 1248			430	58	1E+03
Aroclor 1260	220	110			1E+03
Metals (ppm)					
[Method 6010]					
Aluminum	3,870	2,240	7,950	4,280	SB
Antimony	6.8	82.7	2.1	7.1	SB
Arsenic	**81.7**	**106**	**8**	**68.8**	7.5 or SB
Beryllium	**0.56**	**0.4**	**0.45**	**0.65**	0.16 or SB
Cadmium	**1.3**	0.5		**1.4**	1 or SB
Calcium	9,650	60	19,400	6,180	SB
Copper	**160**	**395**	97.7	**184**	25 or SB
Iron	**35,200**	**22,400**	**41,000**	**12,600**	2000 or SB
Lead	552	1620	108	207	SB
Magnesium	9,300	1,450	7,240	4,470	SB
Manganese	247	126	160	238	SB
Mercury	**0.89**	**3.11**			0.1
Nickel	**110**	**48.9**	**36.8**	**54.1**	13 or SB
Potassium	547	386	586	500	SB
Selenium		**2.2**			2 or SB
Sodium	137	191	1,020	424	SB
Zinc	**363**	**106**	**305**	**294**	20 or SB
Total Cyanide (ppm)					
[Method 7471]	ND	ND	1.9	1.25	**

Notes: ND = Not Detected
NE= Value Not Established
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface = Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 3, continued
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-5	SS-5A Dupl. SS-5	SS-6	SS-7	SS-8	FB091898	TB091898	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]		ALL ND	ALL ND		ALL ND	ALL ND	ALL ND	
Acetone	57B			19JB				2E+02
2-Butanone	22J			9.9J				3E+02
4-Methyl-2-Pentanone	23			11J				1E+03
2-Hexanone	20J			9.4J				NE
1,1,2,2-Tetrachloroethane	5.7							6E+02
m,p-Xylene				1.3J				1.2E+03
Total VOCs	127.7			50.6				1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]						ALL ND	NA	
Naphthalene			200 J	160 J				1.3E+04
2-Methylnaphthalene			300 J	160 J				3.64E+04
Acenaphthylene			77 J	470	130 J			4.1E+04
Acenaphthene	5,100 J			47 J				5E+04
Dibenzofuran			97 J	120 J				6.2E+03
Fluorene	5,800 J			48 J				5E+04
Phenanthrene	49,000	23,000 J	390	830	250 J			5E+04
Anthracene	14,000 J	5,900 J	83 J	260 J	180 J			5E+04
Fluoranthene	**89,000**	**45,000**	**690**	**2,400**	1,100			5E+04
Pyrene	**100,000**	**57,000**	**570**	**2,500**	1,200			5E+04
Butylbenzyl Phthalate			**57 J**		46 J			5E+04
Benzo (a) Anthracene	**41,000**	**25,000 J**	**380**	**1,300**	**S70**			224 or MDL
Chrysene	**48,000**	**24,000 J**	**710**	**2,200**	**1,200**			400
Bis (2-Ethylhexyl) Phthalate	5,500 J	4,200 J	100 J		1,700			5E+04
Benzo (b) Fluoranthene	**100,000**	**64,000**	**1,300**	**2,900**	**3,000**			1.1E+03
Benzo (a) Pyrene	**26,000 J**	**15,000 J**	**420**	**940**	**540**			61 or MDL
Indeno (1,2,3-c,d) Pyrene	**18,000 J**	**6,400 J**		59 J	41 J			3.2E+03
Dibenzo (a,h) Anthracene			**48 J**	**96 J**	**64 J**			14 or MDL
Benzo (g,h,i) Perylene	8,000 J	7,800 J	200 J	350 J	220 J			5E+04
Total SVOCs	**501,400**	277,300	5,622	14,840	10,241			5E+05
Pesticides/Polychlorinated Biphenyls (PCBs) (ppb)								
[Method 8082]						ALL ND	NA	
Aldrin			7.3	8.2				41
Endosulfan II	33				10			9E+02
Endosulfan Sulfate	32				17			1E+03
Dieldrin			7.3					44
DDE			12					2.1E+03
DDD	25			28				2.9E+03
DDT	34	24	22		56			2.1E+03
Total Pesticides	124	24	48.6	36.2	83			1E+04
Aroclor 1248	180	240						1E+03
Aroclor 1260			60		85			1E+03
Metals (ppm)								
[Method 6010]						ALL ND	NA	
Aluminum	6,370	4,100	3,450	9,800	3,890			SB
Antimony	1.7	1.7	2.1	6.6	1.7			SB
Arsenic	**17.3**	**20.2**	**39.3**	**198**	**623**			7.5 or SB
Barium		153						300 or SB
Beryllium	**2.05**	**0.38**	**0.72**	**0.19**	**0.34**			0.16 or SB
Cadmium	0.7	0.5	0.5		0.6			1 or SB
Calcium	18,900	13,500	19,100	32.6	325			SB
Copper	**185**	**62.1**	**110**	**101**	**127**			25 or SB
Iron	**16,700**	**33,500**	**12,200**	**27,200**	**38,400**			2000 or SB
Lead	226	129	149	218	195			SB
Magnesium	5,120	6,780	9,320	272	4,250			SB
Manganese	280	148	254	107	230			SB
Nickel	**76.2**	**20.7**	**170**	12	**69.9**			13 or SB
Potassium	458	368	602	728	446			SB
Sodium	1,000	586	330	446	269			SB
Zinc	**736**	**208**	**278**	**707**	**110**			20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
MDL = Method Detection Limit
J = Detected below MDL; estimated value
B = Analyte also found in the blank sample
Bold typeface Soil criterion has been exceeded
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

TABLE 4
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-2	B-3	B-4***		B-6	B-8***		B-10***		NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	1-3	2-4	1-3		4-6	2-3.5		1-3		Memo #1	94-4046
Volatile Organic Compounds (ppb)											
[Method 8260]	ALL ND		ALL ND	NA	ALL ND	ALL ND	NA	ALL ND	NA		
Methylene Chloride		6								NE	1E+02
Total VOCs		6								NE	1E+04
Semivolatile Organic Compounds (ppb)											
[Method 8270]			ALL ND								
Naphthalene							94 J	1,300	140 J	3E+05	1.3E+04
2-Methylnaphthalene							58 J	950 J	180 J	NE	3.64E+04
Acenaphthylene							310 J			NE	4.1E+04
Acenaphthene	1,000 J				1,500 J		52 J			5E+06	5E+04
Dibenzofuran	510 J				546 J		60 J			NE	6.2E+03
Fluorene	960 J				1,300 J		62 J			3E+06	5E+04
Phenanthrene	7,100				2,100 J	720 J	660	680	72 J	NE	5E+04
Anthracene							360 J			2E+07	5E+04
Fluoranthene	8,000	2,200 J		91 J	7,100	3,000 J	2,500	970	100 J	3E+06	5E+04
Pyrene	6,100	2,500 J		200 J	8,900	4,100	4,500	1,100	120 J	2E+06	5E+04
Benzo (a) Anthracene	**3,000 J**			68 J			**1,600**			220	224 or MDL
Chrysene	**3,100 J**	**1,300 J**		110 J	**3,500 J**	**2,600 J**	**2,000**	**830**		NE	400
Bis (2-ethylhexyl) Phthalate				85 J			180 J			NE	5E+04
Benzo(b) Fluoranthene		**1,200 J**			**3,100 J**	**3,100 J**		**560**		220	1.1E+03
Benzo (k) Fluoranthene	**5,400**						**3,900**		94 J	220	1.1E+03
Benzo(a) Pyrene	**1,200 J**	**540 J**		**180 J**		**1,400 J**	**1,200**			61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							460			NE	3.2E+03
Dibenzo (a,h) Anthracene					**1,600 J**		**200 J**			14	14 or MDL
Benzo (g,h,i) Perylene							610			NE	5E+04
Total TICs	NA	NA	NA	470	NA	NA	756	NA	ND	NE	NE
Total SVOCs	36,370	7,740		1,204	29,646	14,920	19,562	6,390	706	NE	5E+05
Pesticides / PCBs (ppb)											
[Method 8082]		ALL ND		NA			NA	ALL ND	NA	NE	9E+02
Endosulfan I	98									NE	9E+02
Endosulfan II	15					42				NE	2.1E+03
DDE					29	61				NE	2.9E+03
DDD	17		33		35	96				NE	2.1E+03
DDT	34		33		64	199				NE	1E+04
Total Pesticides	164										
Metals (ppm)				NA			NA		NA		
[Method 6010]										NE	SB
Aluminum	5,650	6,700	2,160		2,600	2,770		1,970		NE	SB
Antimony	2.1	2.5			6.3	12.2		4.3		NE	7.5 or SB
Arsenic	**12.7**	**56.3**	4.4		**157**	**183**		**16.3**		NE	300 or SB
Barium						122				NE	0.16 or SB
Beryllium	**0.28**	**0.55**	**0.24**		**0.41**	**0.32**		**0.51**		NE	1 or SB
Cadmium		0.5			**1.2**	**1.3**				NE	SB
Calcium	659	97.6	56,500		2,330	1,470		122		NE	10 or SB
Chromium						**15.3**				NE	25 or SB
Copper	**115**	**135**	**141**		**506**	**653**		**190**		NE	2,000 or SB
Iron	**26,700**	**30,800**	**9,670**		**78,000**	**95,300**		**30,000**		NE	SB
Lead	216	190	108		399	729		248		NE	SB
Magnesium	3,160	5,120	2		1,100	965		525		NE	SB
Manganese	241	212	154		764	745		182		NE	0.1
Mercury	**0.34**		**0.54**							NE	13 or SB
Nickel	**168**	**132**			**50**	**41.2**		**35.8**		NE	SB
Potassium	722	1,120	240		382	236		186		NE	2 or SB
Selenium	**2.3**	**3.4**			**2.9**	**2.9**		**2.6**		NE	SB
Sodium	358	183	141		205	169		414		NE	20 or SB
Zinc	**307**	**215**	**76.4**		**236**	**504**		**99.1**			
Total Cyanide (ppm)											
[Method 7471]	ND	ND	ND	NA	ND	ND	NA	ND	NA	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-12-1***		B-12-2***		B-13	B-15	B-17	NYSDEC STARS	NYSDEC TAGM
Sample Depth (feet):	0-2		8-10		12-14	1-3	1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]	ALL ND	NA		NA	ALL ND	ALL ND	ALL ND		
sec-Butylbenzene			53					NE	NE
Total VOCs			53					NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]			ALL ND		ALL ND	ALL ND			
Isophorone	910 J	580						NE	4.4E+03
Napbthalene		670						3E+05	1.3E+04
2-Methylnaphthalene	560 J	680						NE	3.64E+04
Acenaphthylene		260 J					84 J	NE	4.1E+04
Acenaphthene				180 J				5E+06	5E+04
Fluorene	470 J	320 J					49 J	3E+06	5E+04
Phenanthrene		270 J		80 J			91 J	NE	5E+04
Di-n-butyl Phthalate				71 J				NE	8.1E+03
Fluoranthene		130 J		100 J			840	3E+06	5E+04
Pyrene		200 J		120 J			950	2E+06	5E+04
Benzo (a) Anthracene		90 J					490	220	224 or MDL
Chrysene		120 J						NE	400
Bis (2-ethylhexyl) Phthalate				58 J				NE	5E+04
Benzo (b) Fluoranthene							**380**	220	1.1E+03
Benzo (k) Fluoranthene		170 J						220	1.1E+03
Benzo (a) Pyrene							**300 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							110 J	NE	3.2E+03
Benzo (g,h,i) Perylene							170 J	NE	5E+04
Total TICs	30,671	ND		28,700	NA	NA	NA	NE	NE
Total SVOCs	32,611	3,490		29,309			3,464	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND	NA	ALL ND	NA	ALL ND		ALL ND		
Methoxychlor						35		NE	*
Total Pesticides						35		NE	1E+04
Metals (ppm)									
[Method 6010]		NA		NA					
Aluminum	2,700		2,060		7,450	2,120	2,930	NE	SB
Antimony	9.5		2			44.3	5	NE	SB
Arsenic	**52.3**		**13.5**		5.4	**8**	7.6	NE	7.5 or SB
Beryllium	**0.35**		**0.32**		**0.4**	**8.38**	**0.42**	NE	0.16 or SB
Cadmium					0.5	0.6	0.7	NE	1 or SB
Calcium	148		339		178	400	29,000	NE	SB
Copper	**115**		**50.7**		**36.1**	**80.2**	**174**	NE	25 or SB
Iron	**25,400**		**22,900**		**21,300**	**15,400**	**18,500**	NE	2,000 or SB
Lead	271		167			153	215	NE	SB
Magnesium	500		638		7,350	233	8,540	NE	SB
Manganese	67.5		70.9		267	42.7	141	NE	SB
Mercury			**0.64**				**0.42**	NE	0.1
Nickel	**21.5**		**14.5**		**242**		**25.8**	NE	13 or SB
Potassium	423		242		2,250	153	353	NE	SB
Selenium	**2.5**		**3**			1.4		NE	2 or SB
Sodium	222		971		235	110	180	NE	SB
Zinc	**116**		**96.2**		**78.6**	**80.6**	**106**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	NA	ND	NA	ND	ND	ND	NE	**
Total GRO (ppm) [Method 8015]	2.6	NA	NA	NA	NA	NA	NA	NE	NE
Total DRO (ppm) [Method 8015]	190	NA	NA	NA	NA	NA	NA	NE	NE

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
* = As per TAGM#4046, total pesticides < 10 ppm **Bold typeface =**
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-18 1-3	B-20*** 1-3		B-23 1-3	B-25 1-3	B-26 1-3	B-26A 1-3 Dupl. B-26	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)									
[Method 8260]			NA						
Methylene Chloride	8	86		57	60	73	98	NE	1E+02
Total VOCs	8	86		57	60	73	98	NE	1E+04
Semivolatile Organic Compounds (ppb)									
[Method 8270]				ALL ND	ALL ND				
Naphthalene			1,400 J			40 J		3E+05	1.3E+04
2-Methylnaphthalene			1,200 J					NE	3.64E+04
Acenaphthylene							100 J	NE	4.1E+04
Acenaphthene			3,800 J					5E+06	5E+04
Dibenzofuran			2,200 J					NE	6.2E+03
Fluorene			4,800 J					3E+06	5E+04
Diethyl Phthalate	40 J							NE	7.1E+04
Phenanthrene		20,000 J	30,000			73 J	170 J	NE	5E+04
Anthracene		5,600 J	8,000 J					2E+07	5E+04
Carbazole			3,300 J					NE	NE
Di-n-butyl Phthalate			2,700 J					NE	8.1E+04
Fluoranthene		20,000 J	24,000			55 J	390	3E+06	5E+04
Pyrene		16,000 J	34,000			66 J	720	2E+06	5E+04
Benzo (a) Anthracene		**9,600 J**	**10,000**			68 J	**700**	220	224 or MDL
Chrysene		**12,000 J**	**10,000**			68 J		NE	400
Bis (2-ethylhexyl) Phthalate	42 J		1,600 J			38 J	68 J	NE	5E+04
Di-n-octyl Phthalate			2,000 J					NE	5E+04
Benzo (b) Fluoranthene		**15,000 J**				42 J	**1,600**	220	1.1E+03
Benzo (k) Fluoranthene			**18,000**					220	1.1E+03
Benzo (a) Pyrene			**4,500 J**				**100 J**	61	61 or MDL
Indeno (1,2,3-c,d) Pyrene							210 J	NE	3.2E+03
Benzo (g,h,i) Perylene							200 J	NE	5E+04
Total TICs	NA	NA	28,260	NA	NA	NA	NA	NE	NE
Total SVOCs	82	98,200	189,760			450	4,258	NE	5E+05
Pesticides / PCBs (ppb)									
[Method 8082]	ALL ND		NA				ALL ND		
Heptachlor				4.4	8.1	15		NE	1E+02
DDT		53				24		NE	2.1E+03
Total Pesticides		53		4.4	8.1	39		NE	1E+04
Metals (ppm)									
[Method 6010]			NA						
Aluminum	10,300	4,660		6,470	2,250	2,310	1,110	NE	SB
Antimony					1.2		2.8	NE	SB
Arsenic	4.4	3.3		4	8.6	7.2	15.6	NE	7.5 or SB
Barium						247		NE	300 or SB
Beryllium	**0.65**	0.16		**0.49**	**0.39**	**0.31**	**0.27**	NE	0.16 or SB
Cadmium				0.9	0.5			NE	1 or SB
Calcium	94.3	8390		127	45.9	47.2	59.6	NE	SB
Chromium		**19.5**						NE	10 or SB
Copper	23	**232**		**48.2**	**82.4**	**89.9**	**111**	NE	25 or SB
Iron	**14,700**	**7,680**		**13,000**	**10,700**	**14,500**	**17,500**	NE	2000 or SB
Lead		130		50.6	65.9	115	215	NE	SB
Magnesium	2,870	4,330		4,460	1,220	517	371	NE	SB
Manganese	203	111		143	180	125	89.9	NE	SB
Nickel	**32.2**	**23.2**		**115**	**38.8**			NE	13 or SB
Potassium	1,210	409		633	155	511	371	NE	SB
Selenium						1.5	1.9	NE	2 or SB
Sodium	379	854		212	89.4	151	110	NE	SB
Zinc	**184**	**186**		**233**	**91.3**	**112**	**79.4**	NE	20 or SB
Total Cyanide (ppm)									
[Method 7471]	ND	ND	NA	ND	ND	ND	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typefnce - Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-27***		B-29	B-31***		B-36	NYSDEC STARS	NYSDEC TAGM
Sample Depth:	2-4		1-3	1-3		1-3	Memo #1	94-4046
Volatile Organic Compounds (ppb)								
[Method 8260]	ALL ND	NA			NA			
Methylene Chloride			110	39		20	NE	1E+02
Total VOCs			110	39		20	NE	1E+04
Semivolatile Organic Compounds (ppb)								
[Method 8270]								
Phenanthrene		200 J			120 J		NE	5E+04
Fluoranthene	220 J	230 J	56 J	120 J	150 J	69 J	3E+06	5E+04
Pyrene	250 J	420	76 J	200 J	290 J	90 J	2E+06	5E+04
Butylbenzyl Phthalate						68 J	NE	5E+04
Benzo (a) Anthracene	140 J		62 J	110 J	92 J		220	224 or MDL
Chrysene		130 J			120 J		NE	400
Bis (2-ethylhexyl) Phthalate					39 J		NE	5E+04
Benzo (b) Fluoranthene	120 J		42 J	96 J		58 J	220	1.1E+03
Benzo (k) Fluoranthene		190 J			150 J		220	1.1E+03
Benzo (a) Pyrene	**79 J**	**83 J**		**73 J**	**150 J**		61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	38 J						NE	3.2E+03
Benzo (g,h,i) Perylene	53 J			41 J			NE	5E+04
Total TICs	NA	1,488	NA	NA	ND	NA	NE	NE
Total SVOCs	900	2,741	236	640	1,111	285	NE	5E+05
Pesticides / PCBs (ppb)								
[Method 8082]		NA	ALL ND		NA			
Heptachlor	16			4.2		6.1	NE	1E+02
DDT	8.6			9.6			NE	2.1E+03
Total Pesticides	24.6			13.8		6.1	NE	1E+04
Metals (ppm)								
[Method 6010]		NA			NA			
Aluminum	27,000		1,070	7,220		1,120	NE	SB
Antimony			1.7			5.1	NE	SB
Arsenic	3.4		**18.6**	**14.9**		**26.5**	NE	7.5 or SB
Beryllium	**0.47**		0.26			**0.43**	NE	0.16 or SB
Calcium	1,030		71.1	149		198	NE	SB
Copper	**53.9**		**58.9**	**33.3**		**98.8**	NE	25 or SB
Iron	**12,600**		**13,200**	**13,400**		**25,900**	NE	2000 or SB
Lead	217		92.2	143		265	NE	SB
Magnesium	5,340		456	527		814	NE	SB
Manganese	318		58.2	40.1		90	NE	SB
Nickel	**73**		11.1	12.9		**25.6**	NE	13 or SB
Potassium	1,110		428	538		535	NE	SB
Selenium			1.1			**2.1**	NE	2 or SB
Sodium	173		228	237		488	NE	SB
Zinc	**98.8**		**61.7**	**70.1**		**81.3**	NE	20 or SB
Total Cyanide (ppm)								
[Method 7471]	ND	NA	ND	ND	NA	ND	NE	**

Notes:
ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivolatile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	B-38-1***		B-38-2***		B-38-3***		B-40-1***		B-40-2***		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Sample Depth:	0.5-2.5		4-6		12-14		13-15		21-23			
Volatile Organic Compounds (ppb)												
[Method 8260]		NA	ALL ND	NA		NA		NA	ALL ND	NA		
Methylene Chloride	31				12		13				NE	1E+02
Total VOCs	31				12		13				NE	1E+04
Semivolatile Organic Compounds (ppb)												
[Method 8270]									ALL ND			
N-nitrosodipropyl amine			820 J								NE	NE
Isophorone				280 J							NE	4.4E+03
Naphthalene	80 J	79 J									3E+05	1.3E+04
2-Methylnaphthalene	97 J	97 J									NE	3.64E+04
Acenaphthene					65 J	58 J					5E+06	5E+04
Fluorene					52 J						3E+06	5E+04
N-nitrosodiphenyl amine			1,900	390 J		230 J					NE	NE
Phenanthrene		130 J			460	540					NE	5E+04
Anthracene	140 J				94 J	150 J					2E+07	5E+04
Carbazole						43 J					NE	NE
Fluoranthene	180 J	160 J		170 J	830	850		48 J			3E+06	5E+04
Pyrene	160 J	240 J		130 J	680	600	53 J				2E+06	5E+04
Benzo (a) Anthracene	84 J	80 J			**320 J**	**340 J**					220	224 or MDL
Chrysene	110 J	100 J		50 J	390 J	380 J					NE	4E+02
Bis (2-Ethylhexyl) Phthalate		92 J	550 J	290 J	190 J	560	4,900	2,500			NE	5E+04
Benzo (b) Fluoranthene					**590**	**380 J**					220	1.1E+03
Benzo (k) Fluoranthene	170 J	130 J					64 J				220	1.1E+03
Benzo (a) Pyrene	**72 J**	**89 J**			**140 J**	**130 J**					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	55 J										NE	3.2E+03
Dibenzo (a,h) Anthracene					**160 J**						14	14 or MDL
Benzo (g,h,i) Perylene	66 J					200 J					NE	5E+04
Total TICs	NA	4,231	NA	72,136	NA	10,211	NA	831	NA	382	NE	NE
Total SVOCs	1,214	5,428	3,270	73,446	3,971	14,672	5,017	3,379		382	NE	5E+05
Pesticides / PCBs (ppb)												
[Method 8082]		NA	ALL ND	NA		NA		NA		NA		
Heptachlor	10										NE	1E+02
DDT					6		5		6.2		NE	2.1E+03
Total Pesticides	**10**				6		5		6.2		NE	1E+04
Metals (ppm)												
[Method 6010]		NA		NA		NA		NA		NA		
Aluminum	1,000		6,940		3,790		3,550		15,500		NE	SB
Arsenic	6.3		5.5		2.6		**8.8**		**10.7**		NE	7.5 or SB
Barium							**338**				NE	300 or SB
Beryllium			**0.5**		**0.18**		**0.52**		**1.01**		NE	0.16 or SB
Calcium	107		259		200		7,670		269		NE	SB
Chromium							**119**				NE	10 or SB
Copper	**33.3**		**159**		**31.3**		**67.1**		**39.7**		NE	25 or SB
Iron	**3,620**		**16,900**		**8,810**		**9,320**		**13,100**		NE	2000 or SB
Lead	65.5		203		58.8		14.5		122		NE	SB
Magnesium	506		4,290		2,810		630		5,340		NE	SB
Manganese	17.9		126		65.1		146		739		NE	SB
Mercury	**0.32**		**0.36**				**1.16**				NE	0.1
Nickel			**68.6**		**65**		**15.1**		**43.1**		NE	13 or SB
Potassium	615		957		1,060		397		2,660		NE	SB
Selenium	1.1		1.8				1.8				NE	2 or SB
Sodium	1,360		3,600		1,000		493		4,550		NE	SB
Zinc	**72.8**		**220**		**94.6**		**208**		**162**		NE	20 or SB
Total Cyanide (ppm)												
[Method 7471]	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective
*** = Sample reanalyzed for semivoletile organic compounds
MDL = Method Detection Limit
J = Detected below MDL, estimated value
SB = Site Background
Bold typeface = Soil criterion has been exceeded

TABLE 4, continued
SOIL BORING SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth:	B-43-1 0.5-2.5	B-43-2 8.5-10.5	B-44-1 1.5-3.5	B-44-2 12-14	B-45 1-3	FB091598	TB091598	TB091798	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046
Volatile Organic Compounds (ppb)										
[Method 8260]						ALL ND	ALL ND	ALL ND		
Methylene Chloride			11		4.9J				NE	1E+02
Acetone		13JB	44B	20JB	20JB				NE	2E+02
1,1,2,2-Tetrachloroethane	*			4.6J					NE	6E+02
m,p-Xylene	1.3J								2E+08/NE	1.2E+03
Total VOCs	1.3	13	55	24.6	24.9				NE	1E+04
Semivolatile Organic Compounds (ppb)										
[Method 8270]		ALL ND			ALL ND	ALL ND	NA	NA		
Naphthalene	50 J								3E+05	1.3E+04
2-Methylnaphthalene	44 J		64 J						NE	3.64E+04
Acenaphthylene	69 J								NE	4.1E+04
Acenaphthene	190 J								5E+06	5E+04
Dibenzofuran	69 J								NE	6.2E+03
Fluorene	140 J								3E+06	5E+04
Phenanthrene	1,200		180 J	150 J					NE	5E+04
Anthracene	410		200 J	42 J					2E+07	5E+04
Fluoranthene	1,900		200 J	230 J					3E+06	5E+04
Pyrene	3,200		230 J	210 J					2E+06	5E+04
Benzo (a) Anthracene	**1,100**		92 J	93 J					220	224 or MDL
Chrysene	**1,400**		210 J	120 J					NE	400
Bis (2-Ethylhexyl) Phthalate	490			48 J					NE	5E+04
Benzo (b) Fluoranthene	**3,300**		**316 J**	220 J					220	1.1E+03
Benzo (a) Pyrene	**1,200**		**110 J**	56 J					61	61 or MDL
Indeno (1,2,3-c,d) Pyrene	76 J								NE	3.2E+03
Dibenzo (a,h) Anthracene	**85 J**								14	14 or MDL
Benzo (g,h,i) Perylene	270 J			51 J					NE	5E+04
Total TICs	NA	NA	NA	NA	NA	NA	NA	NA		
Total SVOCs	15,193		1,596	1,220					NE	5E+05
Pesticides / PCBs (ppb)										
[Method 8082]		ALL ND	ALL ND	ALL ND	ALL ND	ALL ND	NA	NA		
Endosulfan Sulfate	8.3								NE	1E+03
DDT	3.8								NE	2.1E+03
Total Pesticides	12.1								NE	1E+04
Metals (ppm)										
[Method 6010]										
Aluminum	8,460	4,130	2,140	2,220	5,510				NE	SB
Antimony			24.1						NE	SB
Arsenic	**13**	6.4	**18.9**	7.7	3				NE	7.5 or SB
Beryllium	**0.87**	**0.26**		**0.37**	**0.46**				NE	0.16 or SB
Calcium	543	294	45,200	538	163				NE	SB
Copper	**93.5**	**27.7**	**788**	**57**	**26.9**				NE	25 or SB
Iron	**34,700**	**9,700**	**14,400**	**7,850**	**9,030**				NE	2000 or SB
Lead	96.8	77.1	240	192	26.9				NE	SB
Magnesium	3170	3190	671	633	3920				NE	SB
Manganese	434	117	63.9	74.6	241				NE	SB
Mercury				**0.52**					NE	0.1
Nickel	**98.9**	**61.4**	11.8	**15.2**	**130**				NE	13 or SB
Potassium	1040	1560	256	267	774				NE	SB
Selenium				**2.7**					NE	2 or SB
Sodium	258	259	729	544	220				NE	SB
Zinc	**153**	**214**	**611**	**173**	**663**				NE	20 or SB
Total Cyanide (ppm)										
[Method 7471]	ND	ND	ND	ND	ND	ND	NA	NA	NE	**

Notes: ND = Not Detected
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
* = As per TAGM#4046, total pesticides < 10 ppm
** = Site specific forms of cyanide (pH dependent) must be taken into consideration in establishing a soil cleanup objective

MDL = Method Detection Limit
J = Detected below MDL, estimated value
Bold typeface -Soil criterion has been exceeded

TRC

SUPPLEMENTAL SITE INVESTIGATION REPORT

BALLPARK AT ST. GEORGE STATION, STATEN ISLAND, NEW YORK

Prepared for
New York City Economic Development Corp.
New York, New York

Prepared by
TRC Environmental Corporation
Windsor, Connecticut

TRC Project No. 14638-0310
September 1999

TRC Environmental Corporation
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Windsor, Connecticut 06095
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TABLE 3-1 (continued)
SURFACE SOIL SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	SS-11	SS-12	H-SB3	H-SB3-2	H-SB3A	H-SB3B	NYSDEC TAGM	DEC TAGM 4046 SOIL CLEANUP	DEC TAGM 4046 SOIL CLEANUP
Sample Depth:	0 - 3"	0 - 3"	0 - 3"	3 - 6"	0 - 3"	0 - 3"	94-4046	PROTECT GW	HUM HEALTH
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)			NA	NA	NA	NA			
4-Methylphenol		65 J					900	900	4,000,000
Naphthalene	130 J	290 J					13,000	13,000	300,000
2-Methylnaphthalene	130 J	280 J					36,400	36,400	NE
Acenaphthylene	260 J	790					41,000	41,000	NE
Acenaphthene		92 J					50,000	90,000	5,000,000
Dibenzofuran	120 J	210 J					6,200	6,200	NE
Fluorene		100 J					50,000	350,000	3,000,000
Pentachlorophenol		110 J					1,000 or MDL	1,000	2,000,000
Phenanthrene	700	2,100					50,000	220,000	NE
Anthracene	460 J	920					50,000	700,000	20,000,000
Carbazole	140 J	720					NE	NE	NE
Di-n-butyl Phthalate		150 J					8,100	8,100	8,000,000
Fluoranthene	1,600	6,600 D					50,000	1,900,000	3,000,000
Pyrene	1,500	5,400 D					50,000	665,000	2,000,000
Butylbenzyl Phthalate	69 J	66 J					50,000	122,000	20,000,000
Benzo (a) Anthracene	830	2,300 JD					224 or MDL	3,000	224
Chrysene	1,600	3,800 D					400	400	NE
Bis (2-Ethylhexyl) Phthalate	310 J	230 J					50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate							50,000	120,000	2,000,000
Benzo (b) Fluoranthene	2,400	5,200 D					1,100	1,100	NE
Benzo (k) Fluoranthene	2,200	2,600 JD					1,100	1,100	NE
Benzo (a) Pyrene	900	2,400					61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	410 JD	1,000 JD					3,200	3,200	NE
Dibenzo (a,h) Anthracene	150 J	500 JD					14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	330 JD	730 JD					50,000	800,000	NE
Total TICs	33,060	21,570					NE	NE	NE
Total SVOCs	47,299	58,158					500,000		
METALS (ppm)								EASTERN USA BACKGROUND	
Aluminum	2,790	2,750	2,480	3,810	3,160	4,940	SB	33,000	
Antimony	15.2 B	11.9 B	12.4	17.8			SB	NE	
Arsenic	466	278	22.8	34.5	31.1	1.7	7.5 or SB	3-12 (**)	
Barium	84.2	232	37.7	107	54.9	25.7 B	300 or SB	15-600	
Beryllium	1.9	2.9	5.2	2.6	3.6	0.46 B	0.16 or SB	0-1.75	
Cadmium	4.5	7.1	8.5	4.8	5.7	1.1	1 or SB	0.1-1	
Calcium	3,710	1,390	128,000	45,300	74,100	4,960	SB	130-35,000(**)	
Chromium	32	51	15	15	22	15	10 or SB	1.5-40(**)	
Cobalt	8 B	10 B	5 B	4 B	6.3 B	7.2 B	30 or SB	2.5-60(**)	
Copper	164	243	52.5	129	58.5	11.3	25 or SB	1-50	
Iron	62,300	120,000	8,890	14,000	14,300	5,700	2,000 or SB	2,000-550,000	
Lead	330	722	153	213	169	10.1	SB (200-500)	(***)	
Magnesium	1,190 B	852 B	73,900	27,500	49,800	9,080	SB	100-5,000	
Manganese	368	1,060	154	115	233	57	SB	50-5,000	
Mercury	0.64	0.52		0.1 B	0.05 B		0.1	0.001-0.2	
Nickel	35.8	48.5	27.7	24.2	82.7	110	13 or SB	0.5-25	
Potassium	447 B	469 B	1,180	744 B	682 B	314 B	SB	8,500-43,000(**)	
Selenium							2 or SB	0.1-3.9	
Silver			2.5				SB	NE	
Sodium	618 B	551 B	580 B	508 B	570 B	572 B	SB	6,000-8,000	
Thallium							SB	NE	
Vanadium	73	79	19	30	24	20	150 or SB	1-300	
Zinc	136	309	868	1,810	116	27.1	20 or SB	9-50	
Cyanide	NA	NA	NA	NA	NA	NA	–	NE	

Notes:
Bold Typeface = Soil guideline has been exceeded
NE= Value Not Established
NA = Not Analyzed
SB = Site Background
D = Dilution factor of 5.0 was used to establish value shown
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used to establish value shown
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to Instrument Detection Limit (IDL)

TABLE 3-2
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-46-1 0 - 2'	B-47-1 0 - 2'	B-47-2 6 - 8'	B-48-1 0 - 2'	B-49-1 0 - 2'	B-50-1 0 - 2'	NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)										
Methylene Chloride	14	19 B	19 B	14 B	45 B	25 B	NE	100	100	93,000
Acetone							NE	200	110	8,000,000
Chloroform						1 J	NE	300	300	114,000
Toluene				2 J			2E+07	1,500	1,500	20,000,000
Total TICs	25	76	304	13	135	64				
Total VOCs	39	95	323	29	180	90	NE	10,000		
Semivolatile Organic Compounds (ppb)										
Naphthalene	43 J	590 J		230 JD		450	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	42 J	330 J		400 JD		420	NE	36,400	36,400	NE
Acenaphthylene	98 J	1,100	300 J	200 JD		420	NE	41,000	41,000	NE
Acenaphthene	68 J	2,200	400	1,200 JD		1,300	5E+06	50,000	90,000	5,000,000
Dibenzofuran	57 J	1,100	330 J	540 JD		760	NE	6,200	6,200	NE
Fluorene	74 J	2,100	640	1,300 JD		1,500	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)			1,000				NE	NE	NE	NE
Diethyl Phthalate							NE	7,100	7,100	60,000,000
Phenanthrene	850 JD			8,900 D			NE	50,000	220,000	NE
Anthracene	260 J	6,000 JD	880	2,000		3,000 JD	2E+07	50,000	700,000	20,000,000
Carbazole	110 J	3,600	620	790 JD		1,400	NE	NE	NE	NE
Di-n-butyl Phthalate							NE	8,100	8,100	8,000,000
Fluoranthene	2,000 D	41,000 D	4,500 D	10,000 D			3E+06	50,000	1,900,000	3,000,000
Pyrene	2,000 D	38,000 D	3,700 D	14,000 D	78 J		2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate	46 J	220 J		73 J			NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	1,100	21,000 D	2,200	5,200 D			220	224 or MDL	3,000	224
Chrysene	1,400 JD	21,000 D	1,800	5,000 D	66 J	7,800 JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	600	2,800	120 J	1,000 JD		810	NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate	46 J			99 J			NE	50,000	120,000	2,000,000
Benzo(b) Fluoranthene	1,600	25,000 D	2,100	6,300 D		6,100 JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	2,000	16,000 JD	2,600	7,300 D		6,500 JD	220	1,100	1,100	NE
Benzo(a) Pyrene	1,200	21,000 D	1,900	5,200 D		7,000 JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	490	6,700 JD	720 JD	1,500		2,700 JD	NE	3,200	3,200	NE
Dibenzo (a,h) Anthracene		5,100 J	350 JD	880		2,000 JD	14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	470	5,100 JD	620 JD	1,000		2,200 JD	NE	50,000	800,000	NE
Total TICs	19,370	31,910	38,130	80,550	24,260	52,430				
Total SVOCs	33,924	251,850	62,910	153,662	24,404	96,790	NE	500,000		
Metals (ppm)									**EASTERN BACKGROUND**	
Aluminum	3,350 E	14,200 E	5,840	5,910 E	2,430 E	4,810 E	NE	SB	33,000	
Antimony	54.4	23.7		54.4	28.2	19.5	NE	SB	NE	
Arsenic	42.7	4.9	5.6	32.8	22.4	72.8	NE	7.5 or SB	3-12 (**)	
Barium	91.8 EN	80.5 EN	49.4	144 EN*	78.5 EN	84.2 EN	NE	300 or SB	15-600	
Beryllium	1	1.3	1.8	3.8	1.6	1.7	NE	0.16 or SB	0-1.75	
Cadmium	2.4	3	3	8.2	4.6	3.2	NE	1 or SB	0.1-1	
Calcium	12,800 E	21,400 E	3,300	17,200 *	1,030 E	13,000 E	NE	SB	130-35,000(***)	
Chromium	16.6	37.3	49.2	86.4 N*	17.2	21.8	NE	10 or SB	1.5-40(**)	
Cobalt	6.1	12.6	24.1	9.9 B	6.7	11.7	NE	30 or SB	2.5-60(**)	
Copper	78 N	77.5 N	82.2	346 N	128 N	272 N	NE	25 or SB	1-50	
Iron	21,300 E	17,000 E	24,400	128,000	53,700 E	36,100 E	NE	2,000 or SB	2,000-550,000	
Lead	398	114	92.3	1670	979	315	NE	SB (200-500)	(***)	
Magnesium	2,330 E	7,950 E	33,200	5,970	1,180 E	6,140 E	NE	SB	100-5,000	
Manganese	124 E	206 E	215	496 E	133 E	574 E	NE	SB	50-5,000	
Mercury	0.64	0.19	1.2	0.23	0.48	0.23	NE	0.1	0.001-0.2	
Nickel	29.8	32.8	359	93.9 EN	31.1	35.9	NE	13 or SB	0.5-25	
Potassium	672	764	1,380	481 B	558	685 B	NE	SB	8,500-43,000(**)	
Selenium	0.51 W						NE	2 or SB	0.1-3.9	
Silver	2.2			2.2			NE	SB	NE	
Sodium	585	2,020	841	808 B	568	687 B	NE	SB	6,000-8,000	
Vanadium	30.4	91.5	25.5	69.6	15.8	29.8	NE	150 OR SB	1-300	
Zinc	157 N	200 N	261	327 E	373 N	154 N	NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit

J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-46-1, B-47-2 and B-48-1 to establish value
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value

Organics:
B = Also detected in blank sample

Inorganics:
B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	B-51-1 0 - 2'		B-52-1 0 - 2'		B-52-2 6 - 8'		B-53-1 0 - 2'		B-53-2 4 - 6'		B-53-3 6 - 8'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	30	B	13	B	74	B	60	B	100	JB	10	JB	NE	100	100	93,000
Acetone					77								NE	200	110	8,000,000
Chloroform	3	J			25	J	3	J	26	J			NE	300	300	114,000
Toluene							1	J					2E+07	1,500	1,500	20,000,000
Total TICs	341		13		5,500		138		7,880		571					
Total VOCs	374		26		5,676		202		8,006		581		NE	10,000		
Semivolatile Organic Compounds (ppb)																
Naphthalene			140	J			390						3E+05	13,000	13,000	300,000
2-Methylnaphthalene			150	J			200	J					NE	36,400	36,400	NE
Acenaphthylene	93	J	140	J			120	J					NE	41,000	41,000	NE
Acenaphthene			88	J	840	J	2,200	JD	1,400	J	780	J	5E+06	50,000	90,000	5,000,000
Dibenzofuran	38	J	100	J			800	JD	930	J			NE	6,200	6,200	NE
Fluorene			96	J	2,000	J	1,700	JD	1,900	J	470	J	3E+06	50,000	350,000	3,000,000
N-Nitrosodiphenylamine (1)									4,700				NE	NE	NE	NE
Diethyl Phthalate			710	JD									NE	7,100	7,100	60,000,000
Phenanthrene	350	J	960		1,200	J			1,000	J			NE	50,000	220,000	NE
Anthracene	110	J	300	J	920	J	3,500	D	480	J			2E+07	50,000	700,000	20,000,000
Carbazole							1,100						NE	NE	NE	NE
Di-n-butyl Phthalate							140	J					NE	8,100	8,100	8,000,000
Fluoranthene	620		1,600	JD	2,200	J	18,000	D	440	J			3E+06	50,000	1,900,000	3,000,000
Pyrene	410		1,400	JD	1,500	J	16,000	D	460	J			2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate			63	J	690	J							NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	220	J	960		680	J	7,800	D					220	224 or MDL	3,000	224
Chrysene	490		1,200				8,400	D					NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	72	J	790				710						NE	50,000	435,000	50,000/2,000,000
Di-n-octyl Phthalate			69	J			44	J					NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	320	J	1,500		460	J	9,000	D					220	1,100	1,100	NE
Benzo (k) Fluoranthene			1,200		590	J	6,700	JD					220	1,100	1,100	NE
Benzo (a) Pyrene	180	J	1,100		610	J	8,300	D					61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	120	J	540				3,500	JD					NE	3,200	3,200	NE
Dibenz (a,h) anthracene	68	J	300	J			1,900	JD					14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene	95	J	590				3,300	JD					NE	50,000	800,000	NE
Total TICs	11,020		29,530		148,400		41,830		98,200		114,100					
Total SVOCs	14,206		43,526		160,090		135,634		109,510		115,350		NE	500,000		
Metals (ppm)																
															EASTERN BACKGROUND	
Aluminum	4,850	E	6,030	E	3,390	E	6,780	E	11,700	E	9,590	E	NE	SB	33,000	
Antimony	13.6	*	21.9		17.4								NE	SB	NE	
Arsenic	108		77.4		20.6		99.4		3.7		8.9		NE	7.5 or SB	3-12 (**)	
Barium	80.3	E	189	EN	75.1	EN	120	E	72.2	E	52.9	E	NE	300 or SB	15-600	
Beryllium	1.2		1.5		0.63		1.2		0.92		0.93	B	NE	0.16 or SB	0-1.75	
Cadmium	2.2		2.4		2.7		2		1.6		2.1		NE	1 or SB	0.1-1	
Calcium	893	B	22,300	E	1,750	E	8,670		3,530		1,650		NE	SB	130-35,000(***)	
Chromium	15.5		27.4		13.5		24.1		25.5		23.5		NE	10 or SB	1.5-40(***)	
Cobalt	6.9	B	7.5	B	18.6		7.8	B	9.8		11.1	B	NE	30 or SB	2.5-60(***)	
Copper	257	E	122	N	86.4	N	103	E	47.4	E	39.9	E	NE	25 or SB	1-50	
Iron	29,000	E	21,400	E	13,000	E	20,100	E	16,000	E	18,000	E	NE	2,000 or SB	2,000-550,000	
Lead	251		291		111		233		113		61		NE	SB (200-500)	(***)	
Magnesium	375	B	3,700	E	1,140	BE	4,080		5,970		3,470		NE	SB	100-5,000	
Manganese	182	EN*	124	E	46.9	E	199	EN*	228	EN*	131	EN*	NE	SB	50-5,000	
Mercury	0.21		0.57		0.25		1.4		0.47		0.21		NE	0.1	0.001-0.2	
Nickel	15.9		48.8		45.9		49.5		73.4		52.9		NE	13 or SB	0.5-25	
Potassium	687	B	838		683		800	B	2,300		2,040		NE	SB	8,500-43,000(**)	
Selenium													NE	2 or SB	0.1-3.9	
Silver											2.2	BN	NE	SB	NE	
Sodium	534	B	1,010		739		823		1,110		921		NE	SB	6,000-8,000	
Vanadium	22.7		57.6		18.8		33.6		29.7		25.1		NE	150 OR SB	1-300	
Zinc	38.2		168	N	523	N	153		82.5		136		NE	20 or SB	9-50	

Notes:
Bold typeface = Soil guideline has been exceeded
NE= Value Not Established
SB = Site Background
* = Duplicate analysis not within control limits
** = New York State Background
*** = Background levels vary widely.
(1) = Cannot be separated from Diphenylamine
MDL = Method Detection Limit
J = Detected below MDL, estimated value
D = Dilution factor of 5.0 used for B-52-1 to establish value shown
Dilution factor of 10.0 used for B-52-2 and B-53-3 to establish value shown
Dilution factor of 20.0 used for B-47-1 and B-50-1 to establish value shown
Organics: B = Also detected in blank sample
Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits

TABLE 3-2 (continued)
SOIL BORING SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Sample Depth (feet):	MW-13-1 0 - 2'		MW-14-1 0 - 2'		MW-15-1 0 - 2'		MW-15-2 2 - 4'		MW-16-1 0 - 2'		MW-17-1 0 - 2'		NYSDEC STARS Memo #1	NYSDEC TAGM 94-4046	DEC TAGM 4046 SOIL CLEANUP PROTECT GW	DEC TAGM 4046 SOIL CLEANUP HUM HEALTH
Volatile Organic Compounds (ppb)																
Methylene Chloride	14	B	42	B	18	B	9	JB	17	B	33	B	NE	100	100	93,000
Acetone													NE	200	110	8,000,000
Chloroform													NE	300	300	114,000
Toluene	2	J	7	J	4	J	4	J	3	J			2E+07	1,500	1,500	20,000,000
Total TICs	131		648		26		13		13		53		NE	10,000		
Total VOCs	147		697		48		26		33		86					
Semivolatile Organic Compounds (ppb)																
Naphthalene	170	J	360	J	600	J	2,800	JD			74	J	3E+05	13,000	13,000	300,000
2-Methylnaphthalene	210	J	410		500	J	2,500	JD	48	J	50	J	NE	36,400	36,400	NE
Acenaphthylene	36	J	120	J	1,900	JD	360	J	68	J	290	J	NE	41,000	41,000	NE
Acenaphthene			55	J	4,900	JD	5,000				450		5E+06	50,000	90,000	5,000,000
Dibenzofuran	83	J	170	J	2,300	JD	5,800	JD			180	J	NE	6,200	6,200	NE
Fluorene			82	J	4,300		12,000	JD			440		3E+06	50,000	350,000	3,000,000
Diethyl Phthalate													NE	7,100	7,100	60,000,000
Phenanthrene	260	J	960						440		5,300	JD	NE	50,000	2.2E+05	NE
Anthracene	52	J	240	J	14,000	JD			130	J	1,500		2E+07	50,000	700,000	20,000,000
Carbazole			140	J	5,500	JD	10,000	JD	45	J	720		NE	NE	NE	NE
Di-n-butyl Phthalate							120	J			47	J	NE	8,100	8,100	8,000,000
Fluoranthene	290	J	1,100		72,000	D	67,000	JD	740		11,000	D	3E+06	50,000	1,900,000	3,000,000
Pyrene	240	J	1,100		6,200	D	60,000	D	840		9,900	D	2E+06	50,000	665,000	2,000,000
Butylbenzylphthalate					380	J	390	J	50	J	74	J	NE	50,000	122,000	20,000,000
Benzo (a) Anthracene	140	J	620		33,000	D	3,000	D	450		5,300	JD	220	224 or MDL	3,000	224
Chrysene	220	J	1,000		32,000	D	29,000	D	510		5,400	JD	NE	400	400	NE
Bis (2-ethylhexyl) Phthalate	91	J	89	J	4,700		5,200		220	J	1,400		NE	50,000	435,000	50,000/2,000,000
Di-n-octylphthalate					160	J			53	J	64	J	NE	50,000	120,000	2,000,000
Benzo (b) Fluoranthene	260	J	1,000		30,000	D	28,000	D			8,100	JD	220	1,100	1,100	NE
Benzo (k) Fluoranthene	170	J	1,100		36,000	D	34,000	D			6,100	JD	220	1,100	1,100	NE
Benzo (a) Pyrene	99	J	650		31,000	D	28,000	D			6,800	JD	61	61 or MDL	11,000	60.9
Indeno (1,2,3-c,d) Pyrene	44	J	270	J	9,000	JD	7,600	JD	150	J	2,400		NE	3,200	3,200	NE
Dibenz (a,h) anthracene			140	J	5,200	JD	4,600	JD			1,300		14	14 or MDL	165,000,000	14.3
Benzo (g,h,i) Perylene			220	J	7,300	JD	6,200	JD			2,000		NE	50,000	800,000	NE
Total TICs	14,308		19,400		31,785		93,230		27,600		45,020		NE	500,000		
Total SVOCs	16,673		29,226		332,725		404,800		31,344		113,909					
Metals (ppm)															**EASTERN BACKGROUND**	
Aluminum	2,710	E	4,660	E	9,920	E	8,830	E	3,850		9,760		NE	SB	33000	
Antimony	14.5		41.7		14.4		14.7						NE	SB	N/A	
Arsenic	307		273		63.9		15		13.2		7.6		NE	7.5 or SB	3-12 (**)	
Barium	77.1	EN	191	EN	132	EN	139	EN	127		89		NE	300 or SB	15-600	
Beryllium	2.4		1.5		2.7		2.4		1.5		1.1		NE	0.16 or SB	0-1.75	
Cadmium	3.8		2.7		2.7		3.8		3.3		2.7		NE	1 or SB	0.1-1	
Calcium	7,800	E	5,910	E	25,900	E	37,200	E	19,300		22,800		NE	SB	130-35,000(**)	
Chromium	133		21.1		46.1		37		17.8		37		NE	10 or SB	1.5-40(**)	
Cobalt	24.1		6.1	B	12.2		10.4		7	B	7.7	B	NE	30 or SB	2.5-60(**)	
Copper	37	N	150	N	160	N	129	N	127		61.6		NE	25 or SB	1-50	
Iron	22,300	E	35,300	E	28,000	E	13,500	E	22,300		13,000		NE	2,000 or SB	2,000-550,000	
Lead	93.1		260		181		235		965		161		NE	SB (200-500)	(***)	
Magnesium	53,000	E	1,330	E	9,670	E	9900	E	5,520		7,580		NE	SB	100-5,000	
Manganese	426	E	174	E	241	E	265	E	197		186		NE	SB	50-5,000	
Mercury	0.51		0.17		0.24		0.25		1.1		0.13		NE	0.1	0.001-0.2	
Nickel	464		25.9		51.2		50.9		46.3		35.8		NE	13 or SB	0.5-25	
Potassium	737	B	873	B	906		711		261	B	358	B	NE	SB	8,500-43,000(**)	
Selenium			0.44	BW					0.53	B			NE	2 or SB	0.1-3.9	
Silver													NE	SB	N/A	
Sodium	647	B	655	B	1,380		1,430		540	B	1,440		NE	SB	6,000-8,000	
Vanadium	36		45.4		76.3		75.5		19		66.7		NE	150 OR SB	1-300	
Zinc	32.7	N	155	N	265	N	513	N	176		120		NE	20 or SB	9-50	

Notes:
NE= Value Not Established
SB = Site Background
** = New York State Background
*** = Background levels vary widely.
MDL = Method Detection Limit

Bold typeface = Soil guideline has been exceeded

J = Detected below MDL, estimated value
D = Dilution factor of 20.0 used for MW-15-1 and MW-15-2 to establish value shown
Dilution factor of 25.0 used for MW-17-1 to establish value shown

Organics: B = Also detected in blank sample

Inorganics: B = Reported value is less than Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)
E = Estimated due to presence of interference
N = Spiked sample recovery not within control limits
W = Post-digestion spike for Furnace AA analysis is out of control limits (85 - 115%), while sample absorbance is less than 50% of spike absorbance

ATTACHMENT C

2006 OM&M PLAN CLEAN SOIL IMPORT CRITERIA

TABLE 1
SITE-SPECIFIC CLEAN SOIL CRITERIA
BALLPARK AT ST. GEORGE STATION

Parameter	Concentration (mg/kg or ppm)	
	Surface (0"-6") Clean Soil Criteria (ppm)	Sub-Surface (>6-18") Clean Soil Criteria (ppm)
TCL PAHs (ppm)		
Naphthalene	50(***)	50(***)
Acenaphthylene	50(***)	50(***)
Acenaphthene	50(***)	50(***)
Fluorene	50(***)	50(***)
Phenanthrene	50(***)	50(***)
Anthracene	50(***)	50(***)
Fluroanthene	50(***)	50(***)
Pyrene	50(***)	50(***)
Benzo(a)anthracene	1(*)	(**)
Chrysene	1(*)	(**)
Benzo(b)fluoranthene	1(*)	(**)
Benzo(k)fluoranthene	1(*)	(**)
Benzo(a)pyrene	1(*)	(**)
Indeno(1,2,3-cd)pyrene	1(*)	(**)
Dibenzo(a,h)anthracene	1(*)	(**)
Benzo(g,h,i)perylene	50(***)	50(***)
Total PAHs	500(***)	500(***)
Total Carcinogenic PAHs	10(*)	10(*)
PCBs, Total (ppm)	1	1(^)
Pesticides, Total (ppm)	10	10
TAL Metals (ppm)		
Aluminum	33,000(!)	33,000(!)
Antimony	31(#)	31(#)
Arsenic	3 - 12(!)	3 - 12(!)
Barium	15 - 600(!)	15 - 600(!)
Beryllium	0 - 1.75(!)	0 - 1.75(!)
Cadmium	0.1 - 1(!)	0.1 - 1(!)
Calcium	128,000(%a)	128,000(%a)
Chromium	50(*)(%)	230(#)(*)
Cobalt	4,700(#)(*)	4,700(#)(*)
Copper	3,100(#)(*)	3,100(#)(*)
Iron	2,000 - 550,000(!)	2,000 - 550,000(!)
Lead	200 - 500(!)	200 - 500(!)
Magnesium	73,900(%a)	73,900(%a)
Manganese	50 - 5,000(!)	50 - 5,000(!)
Mercury	0.001 - 0.2(!)	0.001 - 0.2(!)
Nickel	1,600(#)(*)	1,600(#)(*)
Potassium	8,500 - 43,000(!)	8,500 - 43,000(!)
Selenium	0.1 - 3.9(!)	0.1 - 3.9(!)
Silver	390(#)(*)	390(#)(*)
Sodium	6,000 - 8,000(!)	6,000 - 8,000(!)
Thallium	5.5(%a)	5.5(%a)
Vanadium	1 - 300(!)	1 - 300(!)
Zinc	23,000(#)(*)	23,000(#)(*)

NOTES:

Blank indicates not detected above analytical detection limit.

(*) Site-specific clean soil criteria approved by NYSDEC in letter dated November 21, 2000 (attached).

(**) Included in total carcinogenic PAHs level of 10 ppm specified for the clean subsurface soil.

(***) As per TAGM 4046, Total Semi VOCs < 500 ppm and Individual Semi VOCs < 50 ppm.

(!) Reference: NYSDEC TAGM 4046 Determination of Soil Cleanup Objectives and Cleanup Levels, January 24, 1994. For PAHs, these levels represent the most stringent of health or ground water protection based levels. Metals recommended soil cleanup objective levels represent average NYS background concentrations.

(#) Reference: USEPA Region III, Risk-Based Concentration (RBC) Table, 4/12/1999.

% - Represent risk-based concentrations for trivalent chromium. Hexavalent chromium risk-based levels are 6,100 ppm (industrial) and 230 ppm (residential).

(%a) Site-specific clean soil criteria approved by NYSDEC in email dated December 13, 2000.

(^) Total PCB concentration of 10 ppm allowed for soil depths greater than 18 inches below grade.

Asya Bychkov

From: Asya Bychkov
Sent: Wednesday, March 23, 2016 8:33 AM
To: Nigel Crawford; Jane O'Connell
Cc: Ashutosh Sharma; Marcus Simons; Michelle Lapin; Robert Caravella
Subject: RE: NY Wheel V-00228 - Soil Reuse Request
Attachments: Post SMP water data.pdf; SMP historical water data.pdf

Nigel,

As we discussed this morning, for your consideration, here is some additional information regarding the soil proposed for reuse under concrete or landscaping. In a telephone call on March 7, 2016 with Ms. Jane O'Connell, she noted that certain stockpiles could only be permitted for reuse under an impervious cap because they exceeded Protection of Groundwater SCOs. AKRF notes that Section 7.0 of the SCO Technical Support document http://www.dec.ny.gov/docs/remediation_hudson_pdf/techsuppdoc.pdf states that *"in addition to predicting groundwater impacts using partitioning theory and modeling, the Division also relies on empirical evidence obtained through direct monitoring of groundwater quality adjacent to or beneath an area of contaminated soil. The idea is that if groundwater has not been impacted by the soil prior to remediation, it is unlikely that it will be impacted after remediation."*

The groundwater sampling data at this site (attached, and discussed in more detail below) suggests that despite their longtime presence in the soil, SVOCs, arsenic and nickel are not having any significant impact on groundwater, though mercury may be affecting groundwater. As such, AKRF requests that per our March 8, 2016 letter, stockpiles containing concentrations of mercury above the Protection of Groundwater SCOs (SP-113-C and SP-121-A-C) and stockpiles (SP-108-C/SP-DUP-1 and SP-121-A-C) with relatively higher arsenic and chromium concentrations will only be reused under impervious cover whereas all other stockpiles with exceedances of Protection of Groundwater SCOs be considered suitable for reuse above the water table, whether under landscaping or under impervious surfaces. These stockpiles are : SP-109-C/SP-DUP-2, SP-110-C, SP-116-C, SP-119-C, SP-122-C, and SP-123-C which did not exhibit exceedances of historical Site maximum background levels and stockpiles SP-112-C, SP-114-C, SP-115-C, SP-117-C, SP-118-C, and SP-120-C which were only slightly above historical Site maximum background levels, but within the same order of magnitude.

AKRF also notes that reusing these soils will improve the resiliency of the project, as it will be used to raise the grade of the areas adjacent to Bank Street, which would be the site's first line of defense against flooding, and removing and replacing this soil with imported material would add substantial cost to the project.

Site Groundwater Data

SVOCs - Based on prior investigations, which included collection of 32 groundwater samples from monitoring wells MW-1, MW-4, MW-8, MW-9, MW-10, MW-12, MW-13, MW-14, and MW-15 on/near North Site 1, these SVOCs have not been detected in historical groundwater samples at the Site or surface water samples near the Site, with the exception of low-level detections in on-site well MW-9 in December 2014 (not found during repeat sampling in February 2015).
Arsenic - detected in only two historical groundwater samples from on-site wells MW-9 (non-detectable total/2.9 ppb dissolved*) and MW-15 (102 ppb total/78 ppb dissolved). The Class GA standard is 25 ppb.

Nickel - detected in only one groundwater sample, from well MW-15 at (26.2 ppb total*/non-detectable dissolved). Class GA standard is 100 ppb.

Mercury - detected in 8 groundwater samples at/near the site at concentrations up to 1.3 ppb total/0.9 ppb dissolved. Class GA standard is 0.7 ppb.

**sample found in laboratory blank – possible artifact*

Please let us know whether the proposed reuse is acceptable.

Thanks!
Asya

From: Crawford, Nigel (DEC) [mailto:nigel.crawford@dec.ny.gov]
Sent: Friday, March 18, 2016 10:25 AM
To: Asya Bychkov; O'Connell, Jane H (DEC)
Cc: Ashutosh Sharma; Marcus Simons; Michelle Lapin; Robert Caravella
Subject: RE: NY Wheel V-00228 - Soil Reuse Request

Asya: Upon further review, piles SP-110C, SP-122C, SP-112C, SP-114C, SP-117C and SP-118C will not be eligible for use in landscaping but will be eligible for use under concrete. Piles SP-109C SP DUP-C, SP-116-C, SP-119-C, SP-123C and SP-115C will undergo further review. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Tuesday, March 08, 2016 1:19 PM
To: O'Connell, Jane H (DEC)
Cc: Ashutosh Sharma; Crawford, Nigel (DEC); Marcus Simons; Michelle Lapin; Robert Caravella
Subject: RE: NY Wheel V-00228 - Soil Reuse Request

Jane,

Thank you for speaking with us yesterday! Please see the attached updated soil reuse request. The letter breaks down which parts of the stockpile are proposed for reuse under impervious surfaces only, and which may be considered for reuse under impervious surfaces or the clean soil cap. Please let us know whether this is acceptable.

Asya

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Monday, February 29, 2016 2:57 PM
To: jane.oconnell@dec.ny.gov
Cc: Ashutosh Sharma (asharma@akrf.com); nigel.crawford@dec.ny.gov
Subject: FW: NY Wheel V-00228 - Soil Reuse Request

Jane,

Could you please take a look at the attached soil reuse request for NY Wheel? I believe Nigel may have already discussed it with you (we originally sent it on 2/16), but he's on vacation now and the contractor was hoping to know soon whether they can reuse the soil. This is site soil excavated in the course of construction, and it's proposed to be reused under the site cap. Please let me know if you have any questions!

Thanks,
Asya

TRC

Final

ENGINEERING REPORT
(Remedial Closure Report)
Ballpark at St. George Station
Staten Island, New York
Volume I, Volume II

Prepared for

New York City Economic Development Corporation

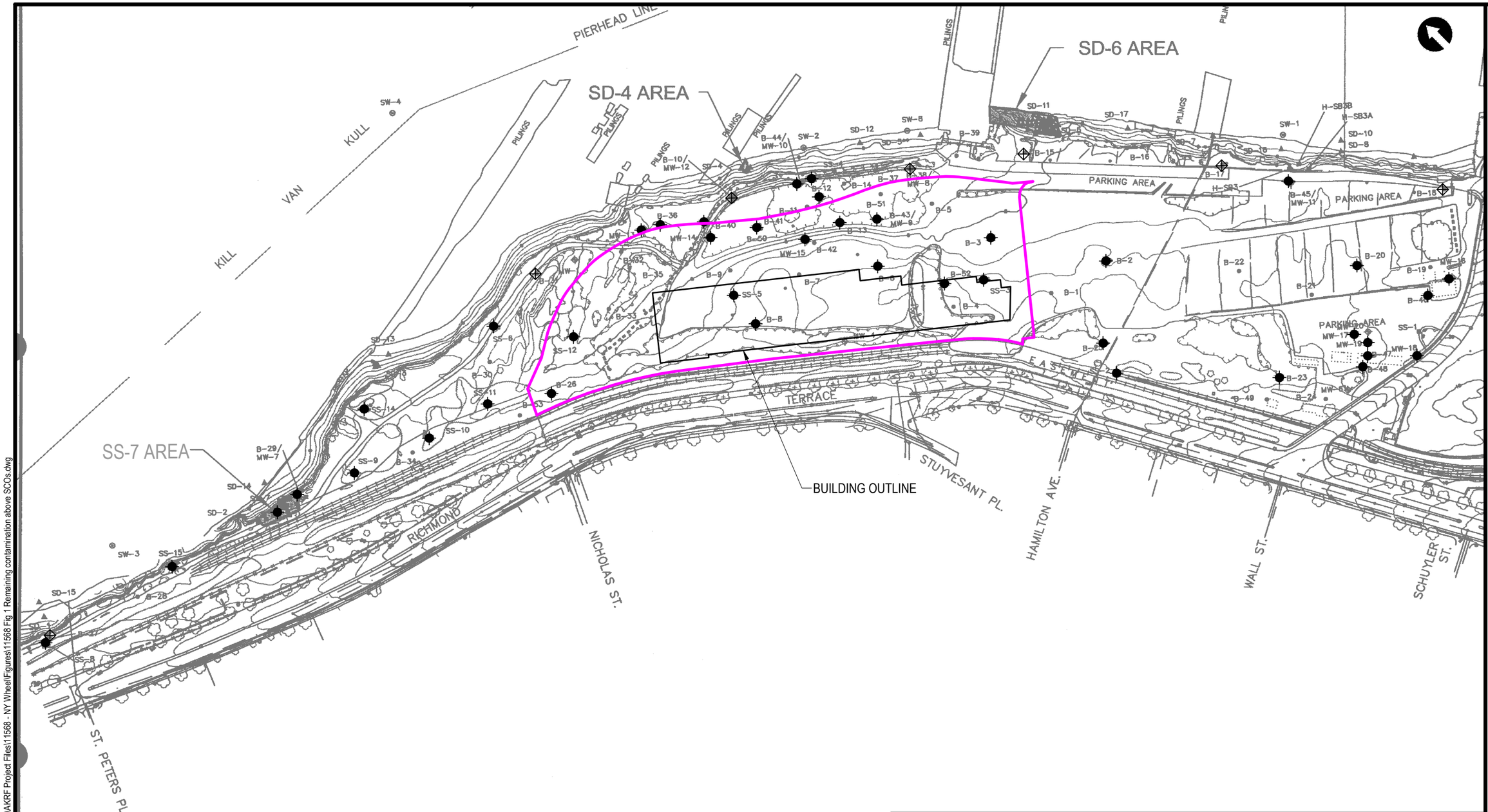
New York, New York

Prepared by

TRC Environmental Corporation

Windsor, Connecticut

March 2006



LEGEND:

- Soil Sample exceeding SSSCOs (lower of 6NYCRR Subpart 375 Commercial SCOs & Protection of Groundwater SCOs) for VOCs, SVOCs, and/or Metals.
- Soil Sample below SSSCOs.
- Site Boundary

AKRF
Environmental Consultants
440 Park Avenue South, New York, NY 10016

St. George Waterfront Redevelopment
Staten Island, □e□ Yor□

LOCATION OF REMAINING CONTAMINATION ABOVE SITE SPECIFIC SCOS (SSSCOs)

DATE
11.19.2014

PROJECT NO.
11568

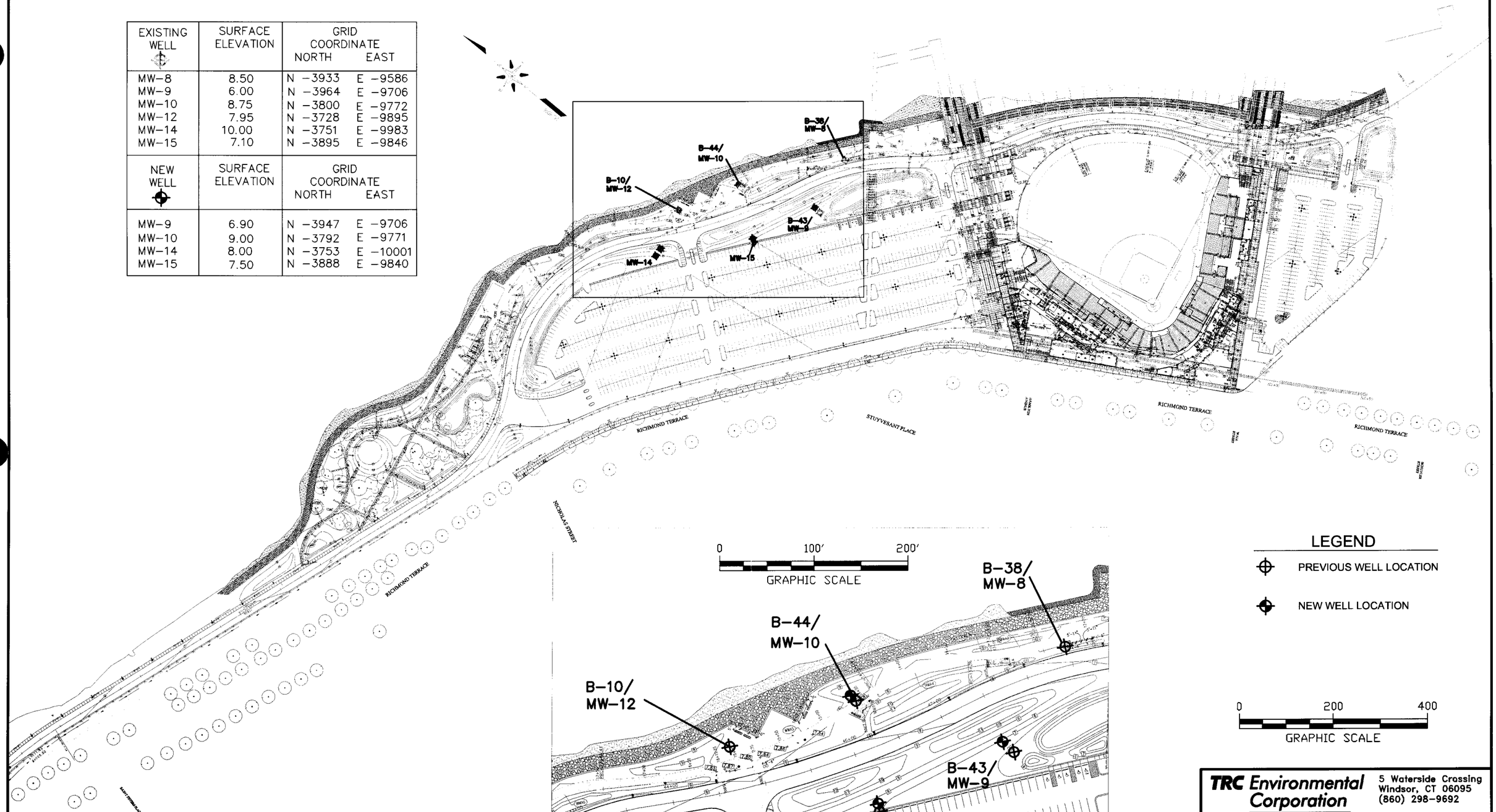
SCALE
as shown

FIGURE
1

©2014 AKRF, Inc. Environmental Consultants M:\AKRF Project Files\11568 - NY Wheel\Figures\11568 Fig 1 Remaining contamination above SCOs.dwg

EXISTING WELL ⊕	SURFACE ELEVATION	GRID COORDINATE NORTH	EAST
MW-8	8.50	N -3933	E -9586
MW-9	6.00	N -3964	E -9706
MW-10	8.75	N -3800	E -9772
MW-12	7.95	N -3728	E -9895
MW-14	10.00	N -3751	E -9983
MW-15	7.10	N -3895	E -9846

NEW WELL ⊕	SURFACE ELEVATION	GRID COORDINATE NORTH	EAST
MW-9	6.90	N -3947	E -9706
MW-10	9.00	N -3792	E -9771
MW-14	8.00	N -3753	E -10001
MW-15	7.50	N -3888	E -9840



LEGEND

⊕ PREVIOUS WELL LOCATION

⊕ NEW WELL LOCATION

0 200 400

GRAPHIC SCALE

TRC Environmental Corporation
5 Waterside Crossing
Windsor, CT 06095
(860) 298-9692

BALLPARK AT ST. GEORGE STATION
STATEN ISLAND, NEW YORK

FIGURE 5-1
NORTH-CENTRAL PETROLEUM-IMPACTED AREA NEW WELL LOCATIONS

Date: 07/21/04 | Project No. 31193-0020-00020

31193\0020\Fig5-1

J:\Cad\31193\0020\Fig5-1.dgn, layout1, 8/19/2004 1:18:12 PM

TRC

ENVIRONMENTAL SITE ASSESSMENT REPORT

FORMER CSX ST. GEORGE RAILYARD, STATEN ISLAND, NEW YORK

Prepared for

New York City Economic Development Corporation
New York, New York

Prepared by

TRC Environmental Corporation
Windsor, Connecticut

December 1998

TABLE 6
GROUND WATER SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification:	MW-1	MW-2	MW-4	MW-7	MW-8	NYSDEC Ambient Water Quality Criteria (1)	Federal Drinking Water MCL
Volatile Organic Compounds (ppb)							
[Method 8260]							
Chloroform			9.3			7	100
Hexachlorobutadiene						0.5	NE
MTBE		38				50 +	NE
Naphthalene					8.2	10 *	NE
1,1,2-Trichloro-1,2,-ethane	6	ND	7	7	7	NE	NE
Semivolatile Organic Compounds (ppb)							
[Method 8270]							
Bis (2-Ethylhexyl) Phthalate	2 J	2 J	2 J	5 J	200	5	NE
Diethylphthalate	3 J			2 J		50*	NE
Pentachlorophenol						1	1
Total TICs	32	19	25	34	232	- - -	- - -
Gasoline Range Organic Analysis (ppb)							
[Method 8015]	NA	ND	ND	NA	ND	NE	NE
Diesel Range Organic Analysis (ppm)							
[Method 8015]	NA	ND	ND	NA	ND	NE	NE
Total Petroleum Hydrocarbon Analysis (ppm)							
[Method 418.1]	NA	NA	ND	NA	ND	NE	NE
Pesticides / PCBs (ppb)							
[Method 8082]	ALL ND	ALL ND	ALL ND	ALL ND	ALL ND	- - - -	- - - -
Metals: Total / Dissolved (ppb)							
[Method 6010]							
Calcium	372,000 / 359,000	164,000 / 156,000	194,000 / 99,500	243,000 / 238,000	236,000 / 227,000	NE	NE
Copper	130 / 110	70 / ND		60 / 50		200	130 ***
Iron	270 / ND	**7,800 / ND**			**1,210/950**	300 / 500 **	NE
Lead	16 / ND	47.2 / ND			7.6 / ND	25	15 ***
Magnesium	**950,000 / 912,000**	**140,000 / 122,000**	**86,000 / 80,000**	**770,000 / 728,000**	**970,000 / 800,000**	35,000	NE
Manganese		366 / 122			124 / 97	300 / 500 **	NE
Potassium	252,000 / 238,000	23,800 / 23,200	4,100 / 3,500	179,000 / 166,000	187,000 / 180,000	NE	NE
Sodium	**8,200,000 / 7,800,000**	**870,000 / 620,000**	**51,500 / 50,000**	**5,600,000 / 5,400,000**	**8,700,000 / 5,600,000**	20,000	NE
Zinc	377 / 163	122 / ND		304 / 241	63 / ND	2,000 / 15,000 (+)	NE
Total Cyanide (ppm)							
[Method 7471]	ND	ND	ND	ND	ND	200	200
Total Chloride (ppm)	5,900	1,250	126	5,800	ND	250,000	NE

Notes: ND = Not Detected
NA = Not Analyzed
1 = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values (June 1998); criteria are applicable to Class GA ground waters for protection of drinking water sources.
+ = Unspecified organic contaminant (UOC) MCL specified by NYS Department of Health drinking water criteria.
NR = Not regulated by the Principle Organic Contaminant (POC) ground water standard presented in the Ambient Water Criteria.
NE = Not Established
* = Guidance value as opposed to standard listed in Ambient Water Criteria; applicable to GA ground waters for protection of drinking water sources.
** = Individual standard of 300 ppb and combined iron and manganese standard value of 500 ppb listed in the Ambient Water Criteria.
*** = "At tap" action level established by the USEPA.
(+) = Non-oncogenic human health basis / aesthetic potable water basis values.
Bold typeface = Ambient water or drinking water criteria have been exceeded.

TABLE 6, continued
GROUND WATER SAMPLE ANALYSIS SUMMARY
Former CSX St. George Railyard
Staten Island, New York
New York City Economic Development Corporation

Sample Identification: / Notes:	MW-10	MW-1S Dupl. of MW-10	MW-11	MW-12	FB101698 Field Blank	TB101698 Trip Blank	NYSDEC Ambient Water Quality Criteria (1)	Federal Drinking Water MCL
Volatile Organic Compounds (ppb)								
[Method 8260]								
Chloroform							7	100
Hexachlorobutadiene		2.4J					0.5	NE
MTBE			40				50 +	NE
Naphthalene							10 *	NE
1,1,2-Trichloro-1,2-ethane	6	6	ND	6	6	8	- - -	- - -
Semivolatile Organic Compounds (ppb)					ALL ND	NA		
[Method 8270]								
Bis (2-Ethylhexyl) Phthalate	1 J	2 J		2 J			5	NE
Diethylphthalate				1 J			50*	NE
Pentachlorophenol			7 J				1	1
Total TICs	30	45	45	54			- - -	- - -
Gasoline Range Organic Analysis (ppb)								
[Method 8015]	81	ND	ND	65	ND	NA	NE	NE
Diesel Range Organic Analysis (ppm)								
[Method 8015]	ND	ND	ND	ND	ND	NA	NE	NE
Total Petroleum Hydrocarbon Analysis (ppm)								
[Method 418.1]	ND	NA	NA	NA	NA	NA	NE	NE
Pesticides / PCBs (ppb)								
[Method 8082]	ALL ND	ALL ND	ALL ND	ALL ND	ALL ND	NA	- - - -	- - - -
Metals: Total / Dissolved (ppb)					ALL ND	NA		
[Method 6010]								
Calcium	229,000 / 201,000	234,000 / 193,000	285,000 / 253,000	222,000 / 212,000			NE	NE
Copper			80 / ND				200	130 ***
Iron	**2,490 / 1,780**	**1,830 / 1,920**		**3,750 / 3,470**			300 / 500 **	NE
Lead	14.1 / ND	**18.6 / ND**					25	15 ***
Magnesium	**660,000 / 610,000**	**760,000 / 620,000**	**680,000 / 680,000**	**660,000 / 620,000**			35,000	NE
Manganese	169 / 132	166 / 127	**1,120 / 1,140**	**1,140 / 1,100**			300 / 500 **	NE
Potassium	134,000 / 124,000	139,000 / 137,000	163,000 / 155,000	118,000 / 113,000			NE	NE
Sodium	**4,200,000 / 4,000,000**	**4,200,000 / 3,900,000**	**6,300,000 / 5,400,000**	**3,800,000 / 3,700,000**			20,000	NE
Zinc	89 / ND	210 / ND	95 / ND	53 / ND			2,000 / 15,000 (+)	NE
Total Cyanide (ppm)								
[Method 7471]	ND	ND	ND	ND	ND	NA	200	200
Total Chloride (ppm)	6,800	6,600	1,300	6,250	ND	NA	250,000	NE

Notes: ND = Not Detected
NA = Not Analyzed
J = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values (June 1998); criteria are applicable to Class GA ground waters for protection of drinking water sources.
+ = Unspecified organic contaminant (UOC) MCL specified by NYS Department of Health drinking water criteria.
NR = Not regulated by the Principle Organic Contaminant (POC) ground water standard presented in the Ambient Water Criteria.
NE = Not Established
* = Guidance value as opposed to standard listed in Ambient Water Criteria; applicable to GA ground waters for protection of drinking water sources.
** = Individual standard of 300 ppb and combined iron and manganese standard value of 500 ppb listed in the Ambient Water Criteria.
*** = "At tap" action level established by the USEPA.
(+) = Non-oncogenic human health basis / aesthetic potable water basis values.
Bold typeface = Ambient water or drinking water criteria have been exceeded.

TRC

SUPPLEMENTAL SITE INVESTIGATION REPORT

BALLPARK AT ST. GEORGE STATION, STATEN ISLAND, NEW YORK

Prepared for
New York City Economic Development Corp.
New York, New York

Prepared by
TRC Environmental Corporation
Windsor, Connecticut

TRC Project No. 14638-0310
September 1999

TRC Environmental Corporation
5 Waterside Crossing
Windsor, Connecticut 06095
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TABLE 3-4
GROUND WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Location:	MW - 1		MW - 4		MW - 6		MW - 7		MW - 8		MW - 19 (Dupl. of MW-8)		NYSDEC Ambient Water Quality Criteria GA Class(†)	NYDOH MCL	Federal Drinking Water MCL
	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved			
VOLATILE ORGANIC COMPOUNDS (ppb)															
Methylene Chloride	2 JB		3 JB		2 JB		3 JB		6 JB		6 JB		5	NE	5
Chloroform			3 J										7	NE	100/80+
Total TICs									7				NE	NE	NE
Total VOCs	2		6		2		3		13		6		NE	NE	NE
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)															
Naphthalene													10	NE	NE
2-Methylnaphthalene													NE	NE	NE
Acenaphthene													20	NE	NE
Dibenzofuran													NE	NE	NE
Fluorene													50	NE	NE
N-Nitrosodiphenylamine *													50	NE	NE
Phenanthrene													50	NE	NE
Fluoranthene											2 J		50	NE	NE
Pyrene											1 J		50	NE	NE
Butylbenzylphthalate													50	NE	NE
bis(2-Ethlyhexyl)phthalate	6 J		1 J				3 J		410 D		1,300 D		5	6	6
Total TICs	18		14		5		18		401		364				
Total SVOCs	24		15		5		21		811		1,667				
PESTICIDES / PCBs (ppb)	ND		ND		ND		ND								
4,4'-DDE													0.2	NE	NE
4,4'-DDT													0.2	NE	NE
Methoxychlor									0.048 JP		0.026 JP		35	40	40
METALS (ppb)															
Aluminum			223						505		488		NE	NE	NE
Antimony	748	1,020					578	822	596	1,040	610	894	3	6	6
Arsenic													25	50	50
Barium	9.7 B	9.3 B	59.6 B	29.1 B	30.4 B	32.1 B	38.3 B	45.2 B	177 B	272	187 B	234	1,000	2,000	2000
Beryllium	46	51.7	1.9 B	2 B	1.7 B	1.9 B	34.9	40.9	39.9	52.8	42.2	47.9	3	4	4
Cadmium	106	118					81.8	98.2	91.8	125	98.1	112	5	5	5
Calcium	197,000	233,000	24,600	24,400	25,000	29,600	159,000	192,000	200,000	286,000	215,000	253,000	NE	NE	NE
Chromium	10	10.4			14.3			8 B	12.2	7.9 B		14.2	50	100	100
Cobalt													NE	NE	NE
Copper	23.3 B	18.7 B	8.0 B		7.9 B								200	NE	1,300(**)/1,000(!!)
Iron			1,900	201			53.1 B		1,410	1,440	1,420	1,110	300/500(#)	300/500#	300(!!)
Lead	65	55.9	200						30.1		16.4	1.5 B	25	NE	15 (**)
Magnesium	666,000	800,000	40,000	42,600	35,200	38,500	479,000	595,000	498,000	715,000	533,000	640,000	35,000	NE	NE
Manganese			510	21.7				2.9 B	476	657	509	581	300/500(#)	300/500#	50(!!)
Mercury	0.28	0.3	0.69	0.16 B	0.9	0.8	0.32	0.11 B	0.13 B	0.11 B		0.18 B	0.7	2	2
Nickel													100	NE	NE
Potassium	324,000	248,000	2,400 B	3,090 B	1,400 B	2,710 B	189,000	184,000	207,000	227,000	221,000	210,000	NE	NE	NE
Silver							12.6			13.3	8.8 B		50	100	100(!!)
Sodium		6,230,000	41,300	46,700	26,000	32,800		4,510,000		6,090,000		5,980,000	20,000	NE	NE
Vanadium													NE	NE	NE
Zinc	88.8	123	62.1	23			193	239	104		117		2,000/5,000(@)	5,000	5,000(!!)
CYANIDE (ppb)	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	200	200	200
TOTAL SUSPENDED SOLIDS (ppm)	28	NA	37	NA	70	NA	ND	NA	52	NA	53	NA	NE	NE	NE
TOTAL DISSOLVED SOLIDS (ppm)	20,100	NA	407	NA	545	NA	15,200	NA	16,300	NA	16,900	NA	1,000	NE	500(!!)
TOTAL CHLORIDE (ppm)	10,800	NA	3,720	NA	6,100	NA	7,420	NA	9,080	NA	8,040	NA	250	250	250(!!)

NOTES:
B = Indicates analyte found in associated laboratory blank as well as sample.
D = Indicates sample was analyzed at a secondary dilution factor
J = Indicates an estimated value.
P = Indicates >25% difference for detected concentrations between two GC columns. The lower of the two values is reported.
* = Cannot be separated from Diphenylamine

Bold typeface = Drinking water guideline/criterion has been exceeded

** = Action level at the tap
+ = MCL for total trihalomethanes (the sum of the concentrations of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform) and trichloromethane (chloroform); lower criterion is not applicable until December 2001 or December 2003 (depending on water supply)
† = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998; criteria are applicable to Class GA ground waters for protection of drinking water sources

!! = Secondary maximum contaminant level
= Second value listed applies to the sum of iron and manganese
@ = Drinking water guidance/aesthetic criterion

TABLE 3-4 (continued)
GROUND WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Location:	MW - 9		MW - 10		MW - 11		MW - 13		MW - 14		MW - 15		NYSDEC Ambient Water Quality Criteria GA Class(†)	NYDOH MCL	Federal Draking Water MCL
	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved			
VOLATILE ORGANIC COMPOUNDS (ppb)															
Methylene Chloride	3 JB		6 JB		5 JB		2 JB		4 JB		2 JB		5	NE	5
Chloroform													7	NE	100/80+
Total TICs			5		37				29				NE	NE	NE
Total VOCs	3		11		42		2		33		2		NE	NE	NE
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)															
Naphthalene			2 J										10	NE	NE
2-Methylnaphthalene			2 J										NE	NE	NE
Acenaphthene													20	NE	NE
Dibenzofuran													NE	NE	NE
Fluorene													50	NE	NE
N-Nitrosodiphenylamine *													50	NE	NE
Phenanthrene													50	NE	NE
Fluoranthene													50	NE	NE
Pyrene													50	NE	NE
Butylbenzylphthalate									1 J				50	NE	NE
bis(2-Ethlyhexyl)phthalate	3 J		5 J		1 J		2 J		75				5	6	6
Total TICs	60		55		40		10		32		4				
Total SVOCs	63		64		41		12		108		4				
PESTICIDES / PCBs (ppb)	ND		ND		ND				ND		ND				
4,4'-DDE							0.011 JP						0.2	NE	NE
4,4'-DDT							0.06 J						0.2	NE	NE
Methoxychlor							0.028 JP						35	40	40
METALS (ppb)															
Aluminum			167 B				126 B				3,050		NE	NE	NE
Antimony	65.2		594	798	340	505	382	442					3	6	6
Arsenic		2.9 B									102	78	25	50	50
Barium	157 B	199 B	185 B	203	55.7 B	73.3 B	123 B	129 B	137 B	166 B	236	88.5 B	1,000	2,000	2000
Beryllium	6.4	8	40.6	44.3	21.4	26.4	23.1	24.5	3.4 B	4.2 B	4.3 B	3.8 B	3	4	4
Cadmium	16.5	20.5	94.5	100	50.7	65.5	53.4	55.9		13.9	12.7	10.6	5	5	5
Calcium	161,000	206,000	203,000	250,000	114,000	150,000	163,000	180,000	71,200	93,500	62,900	72,600	NE	NE	NE
Chromium					11.9					8.4 B	22.9		50	100	100
Cobalt													NE	NE	NE
Copper							10.5 B				172		200	NE	1,300(**)/1,000(!!)
Iron	9,820	12,100	2,000	25,300	84.2 B	163	111	73.1 B	486	643	22,400	19,000	300/500(#)	300/500#	300(!!)
Lead	1.6 B		16.9	1.3 B			1.1 B				502		25	NE	15 (**)
Magnesium	61,000	67,000	465,000	595,000	310,000	380,000	331,000	348,000	51,100	66,100	52,000	52,600	35,000	NE	NE
Manganese	7,420	9,090	451	505	2,100	2,560	273	284	1,130	1,390	1,800	1,960	300/500(#)	300/500#	50(!!)
Mercury	0.22	0.13 B	0.13 B	0.16 B	0.28	0.2	1.3	0.13 B	0.14 B	0.12 B	0.3	0.2	0.7	2	2
Nickel											26.2 B		100	NE	NE
Potassium	15,900	14,100	216,000	194,000	114,000	130,000	130,000	97,500	7,340	10,900	6,080	5,060	NE	NE	NE
Silver		8.6 B			9.2 B	13.9	14.7				15.8		50	100	100(!!)
Sodium	136,000	169,000		5,100,000		2,960,000		2,390,000	48,200	64,500	62,300	69,900	20,000	NE	NE
Vanadium											24.7 B		NE	NE	NE
Zinc			22.5		37.7	37.2	97.7	96.5		19.2 B	306	44.8	2,000/5,000(@)	5,000	5,000(!!)
CYANIDE (ppb)	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	ND	NA	200	200	200
TOTAL SUSPENDED SOLIDS (ppm)	58	NA	43	NA	ND	NA	984	NA	744	NA	156	NA	NE	NE	NE
TOTAL DISSOLVED SOLIDS (ppm)	1,330	NA	15,000	NA	9,670	NA	9,690	NA	589	NA	631	NA	1,000	NE	500(!!)
TOTAL CHLORIDE (ppm)	278	NA	7,690	NA	4,960	NA	5,610	NA	96.3	NA	101	NA	250	250	250(!!)

NOTES:
B = Indicates analyte found in associated laboratory blank as well as sample.
D = Indicates sample was analyzed at a secondary dilution factor.
J = Indicates an estimated value.
P = Indicates >25% difference for detected concentrations between two GC columns. The lower of the two values is reported.
* = Cannot be separated from Diphenylamine
Bold typeface = Drinking water guideline/criterion has been exceeded
** = Action level at the tap
+ = MCL for total trihalomethanes (the sum of the concentrations of bromodichloromethane, dibromochloromethane, tribromomethane (bromoform) and trichloromethane (chloroform); lower criterion is not applicable until December 2001 or December 2003 (depending on water supply)
† = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998; criteria are applicable to Class GA ground waters for protection of drinking water sources
!! = Secondary maximum contaminant level
= Second value listed applies to the sum of iron and manganese
@ = Drinking water guidance/aesthetic criterion

TABLE 3-8
SURFACE WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Location:	SW-1		SW-2		SW-3		SW-4		SW-5 Duplicate of SW-4		SW-6		NYSDEC Ambient Water Quality Criteria			
	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	H(FC)	A(A)	A(C)	W
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)																
bis (2-Ethylhexyl)phthalate					4 JB		1 JB		5 JB		1 JB		NE	NE	NE	NE
Total TIC's	15		39		21		31		19		21					
Total SVOCs	15		39		25		32		24		22					
METALS (ppb)																
Aluminum	150 B		161 B					151 B	153 B				NE	NE	NE	NE
Antimony	942	1,060	874	991	951	999	938	995	772	921	732		NE	NE	NE	NE
Beryllium	49.9 EN	59.6	48.6 EN	57.1	48.9 EN	56.2	48.6 EN	56.0	50.6 EN	62.3	51.0 EN	0.88 B	NE	NE	NE	NE
Cadmium	114 N	**135**	114 N	**127**	111 N	**126**	114 N	**130**	117 N	**142**	118 N		2.7 (G,D)	21 (D)*	7.7 (D)**	NE
Calcium	224,000	257,000	231,000	264,000	226,000	256,000	255,000	258,000	265,000	284,000	257,000	3,480 B	NE	NE	NE	NE
Chromium	11.8	9.3 B	8.7 B	7.2 B	15.9		18.2	10.0	12.0	9.4 B	13.5		NE	NE	NE	NE
Iron	729		358			63.9 B	187		367		196		NE	NE	NE	NE
Lead	3.5	2.3 B	1.6 B						1.3 B				NE	204 (D)	8 (D)**	NE
Magnesium	845,000 E	988,000	890,000 E	886,000	840,000 E	883,000	840,000 E	991,000	825,000 E	92,100,000	905,000 E	1,010,000	NE	NE	NE	NE
Manganese	71.5	48.6	70.2	58.8	48.9	57.2	34.9	31.2	75.1	63.3	42.2		NE	NE	NE	NE
Mercury	0.36	**0.32** N	0.65	**0.82** N	0.15 B	**0.24** N		**0.17** BN		**0.12** BN			0.0007 (D)	NE	NE	0.0026 (D)
Potassium	179,000 B	296,000	218,000 B	310,000	162,000 B	202,000	228,000 B	320,000	142,000 B	300,000	204,000 B	312,000	NE	NE	NE	NE
Silver								**22.9**		**13.7**			NE	2.3 (AS)*	NE	NE
Sodium	6,150,000 E	7,490,000	6,300,000 E	6,660,000	5,850,000 E	6,690,000	6,150,000 E	7,500,000	5,900,000 E		6,300,000 E	7,700,000	NE	NE	NE	NE
Zinc	18.5 B			19.7 B	19.0 B				19.0 B	17.3 B			NE	95 (D)*	66 (D)**	NE
Cyanide (ppb)	0.54 B	NA	0.54 B	NA	0.54 B	NA	0.54 B	NA	0.54 B	NA	0.54 B	NA	9,000	1 (FC)*	1 (FC)**	NE
TOTAL SUSPENDED SOLIDS (ppm)	69		58		84		22		42		50		NE	NE	NE	NE
HARDNESS (ppm as CaCO3)	3,460		3,420		3,320		3,320		2,840		3,200		NE	NE	NE	NE
ALKALINITY	92.9		99.0		97.0		92.9		97.0		99.0		NE	NE	NE	NE
TOTAL CHLORIDE (ppm)	13,100		12,500		11,400		12,500		11,600		12,700		NE	NE	NE	NE

Notes on Data Qualifiers:

J = Indicates an estimated value.

B (Organics) = Indicates analyte found in associated laboratory blank as well as sample

B (Inorganics) = Value is less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

E = Reported value is estimated because of the presence of interference.

N = Spike sample recovery not within control limits.

Bold typeface = Ambient water quality criterion exceeded

Notes on Water Quality Criteria:

H(FC) = Human Consumption of Fish

A(A) = Fish Survival

A(C) = Fish Propagation

W = Wildlife Protection

No aesthetic standards (E) are applicable to the listed constituents

All NYSDEC criteria are applicable to SA, SB, SC, I and SD surface waters unless noted as follows:

* = SD

** = SA, SB, SC, I

All criteria are standards unless noted as follows:

(G) = guidance value

(D) = Applies to dissolved form of inorganic constituent only.

(AS) = Applies to acid soluble form of inorganic constituent only

(FC) = As free cyanide; the sum of HCN and CN- expressed as CN

TRC

Customer-Focused Solutions

ENVIRONMENTAL SITE INVESTIGATION REPORT

BALLPARK AT ST. GEORGE STATION, STATEN ISLAND, NEW YORK

Prepared for

New York City Economic Development Corporation

New York, New York

Prepared by

TRC Environmental Corporation

Windsor, Connecticut

TRC Proposal (or Project) No. 25290-0120

April 2000

TRC Environmental Corporation

5 Waterside Crossing

Windsor, Connecticut 06095

Telephone 860-289-8631

Facsimile 860-298-6399

TABLE 3-3
GROUND WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York
New York City Economic Development Corporation

Sample Location:	MW-6	MW-8	MW-21 Duplicate of MW-8	MW-9	MW-10	MW-11	MW-12	MW-14	MW-15	NYSDEC Ambient Water Quality Criteria GA Class(!)	NYDOH MCL	Federal Drnking Water MCL
VOLATILE ORGANIC COMPOUNDS (ppb)												
Acetone										50 *		
Ethylbenzene										5		0.7
Methylene Chloride				1.3 J						5		5
m + p-Xylene										5		
o-Xylene										5		
Total Xylenes												10
MTBE						6.7 J				50 +		
Total TICs							30.4 J					
Total VOCs				1.3		6.7	30.4					
SEMIVOLATILE ORGANIC COMPOUNDS (ppb)												
Acenaphthene										20 *		
bis(2-Ethlyhexyl)phthalate		**200 E**	**110 E**				**11**			5	6	6
Total TICs	52.6 J	25.9 J	26.4 J	16.7 J	20.2 J	11.0 J	19.6 J	7.3 J	8.3 J			
Total SVOCs	52.6	225.9	136.4	16.7	20.2	11.0	30.6	7.3	8.3			
NITRITE (ppm)	0.06			0.166					0.091	10 **	1	1
NITRATE (ppm)	4.18	0.214	0.189	0.167	0.085	1.33	0.199	0.216	0.167	10 **	10	10
SULFATE (ppm)	90.1	**1229**	**2196**	25.9	**862**	**843**	**820**		172	250	250	250(1)
HYDROGEN SULFIDE (ppm)										0.05 *		

NOTES:

ND = Not detected.
J = Indicates an estimated value.
E = Indicates the analyte's concentration exceeds the calibrated range of the GC/MS instrument for that specific analysis.
Bold = Drinking water guide-line/criteria has been exceeded
+ = Unspecified organic contaminant (UOC) MCL specified by NYS Department of Health drinking water criteria.
! = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998; criteria are applicable to Class GA ground waters for protection of drinking water sources
* = Guidance value as opposed to standard listed in Ambient Water Criteria; applicable to GA waters for protection of drinking water sources.
** = Standard value for sum of nitrate and nitrite concentrations.
(1) = Secondary MCL

TABLE 5-2
HISTORICAL GROUND WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York

Sample:	MW-8								MW-9								NYSDEC AWQ Criteria	NYDOH	Federal Drinking Water
Parameter Sample Date:	10/98	6/99	12/99	6/00	9/00	8/01	12/01	3/02	10/98	6/99	12/99	6/00	9/00	8/01	12/01	3/02	GA Class(!)	MCL	MCL
VOCs									NA										
1,1,2-Trichloro-1,2,-ethane	7																NE	NE	NE
Methylene Chloride		6 JB		**6.8**			**6.4** JB			3 JB	1.3 J	2.4 J			3.6 JB		5	NE	5
Acetone						10 JB								11 B			50	NE	NE
Total TICs		7		5.2 JB	33 J			3580 J					13 J				NE	NE	NE
Total VOCs	7	13		12	33	10	6.4	3580		3	1.3	2.4	13	11	3.6				
SVOCs									NA										
Naphthalene	8.2																10	NE	NE
Fluoranthene		2 J															50	NE	NE
Pyrene		1 J															50	NE	NE
Phenol					4 J												NE	NE	NE
Di-n-butylphthalate				3.4 J	2 J							1.6 J	3 J	1.1 J			NE	NE	NE
bis(2-ethylhexyl)phthalate	**200**	**1300**	**200** E	2.2 J	**19**	3.1 J	1.4 J	**7.7** J		3 J		**1.3** J		2.9 J		1.7 J	5	6	6
Total TICs	232	401	26.4 J	14 J	307.7 J	67.2 J	108.6 J	169.5 J		60	16.7 J		28 J	66.2 J	296.6 J	363.7 J			
Total SVOCs	440.2	1704	226.4	19.6	332.7	70.3	110	177.2		63	16.7	2.9	31	70.2	296.6	365.4			
NITRATE (ppm)	NA	NA	0.214						NA	NA	0.167						10(***)	10	10
SULFATE (ppm)	NA	NA	**2196**	**940**	**1300**	**1600**	**1100**	**710**	NA	NA	25.9	76	10	76	48	87	250(*)	250	250(1)

NOTES:

NA = Not Analyzed
J = Indicates an estimated value.
B = Indicates the analyte was found in the lab blank as well as the sample.
NE = None Established
TICs = Tentatively Identified Compounds
Bold = Drinking water guide-line/criteria has been exceeded.
(1) = Secondary MCL

! = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998; criteria are applicable to Class GA ground waters for protection of drinking water sources.
* = Guidance value as opposed to standard listed in Ambient Water Criteria; applicable to GA waters for protection of drinking water sources.
*** = Standard value for sum of nitrate and nitrite concentrations.

TABLE 5-2
HISTORICAL GROUND WATER SAMPLE ANALYSIS SUMMARY
Ballpark at St. George Station
Staten Island, New York

Sample:	MW-14								MW-15								NYSDEC AWQ Criteria	NYDOH	Federal Drinking Water
Parameter Sample Date:	10/98	6/99	12/99	6/00	9/00	8/01	12/01	3/02	10/98	6/99	12/99	6/00	9/00	8/01	12/01	3/02	GA Class(!)	MCL	MCL
VOCs	NA								NA										
Methylene Chloride		4 JB		4.6 J		1.4 J				2 JB		4.9 J					5	NE	5
Acetone						5.1 JB								12 B	18		50	NE	NE
Total TICs		29			18 J			29 J					19 J						
Total VOCs		33		4.6	18	6.5		29		2		4.9	19	12	18				
SVOCs	NA								NA										
Butylbenzylphthalate		1 J															50	NE	NE
Di-n-butylphthalate					2.3 J							1.3 J					NE	NE	NE
bis(2-ethylhexyl)phthalate		75				2.3 J										3.4 J	5	6	6
Total TICs		32	7.3 J		29 J	95.4 J	114.1 J	182.4 J		4	8.3 J		38 J	188.3 J	183.9 J	359 J			
Total SVOCs		108	7.3		31.3	97.7	114.1	182.4		4	8.3	1.3	38	188.3	183.9	362.4			
NITRATE (ppm)	NA	NA	0.216						NA	NA	0.167						10(***)	10	10
SULFATE (ppm)	NA	NA				110	28	42	NA	NA	172	**280**	9.3	20	7.8	21	250(*)	250	250(1)

NOTES:
NA = Not Analyzed
J = Indicates an estimated value.
B = Indicates the analyte was found in the lab blank as well as the sample.
NE = None Established
TICs = Tentatively Identified Compounds
Bold = Drinking water guide-line/criteria has been exceeded.
(1) = Secondary MCL

! = Source of values is NYSDEC Division of Water Technical and Operational Guidance (1.1.1) Ambient Water Quality Standards and Guidance Values, June 1998; criteria are applicable to Class GA ground waters for protection of drinking water sources.
* = Guidance value as opposed to standard listed in Ambient Water Criteria; applicable to GA waters for protection of drinking water sources.
*** = Standard value for sum of nitrate and nitrite concentrations.

Table 3a
Ballpark at St. George - North Site 1 (New York Wheel)
Staten Island, NY
Monitoring Well Sampling Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	MW-9	MW-9	MW-12	MW-12	MW-17*	MW-17**
Lab Sample ID	Class GA	L1430229-02	L1502252-03	L1430229-01	L1502252-01	L1430229-03	L1502252-02
Date Sampled	Ambient	12/15/2014	2/3/2015	12/15/2014	2/3/2015	12/15/2014	2/3/2015
Dilution	Standard	1	1	1	1	1	1
µg/L	µg/L						
1,1,1,2-Tetrachloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,1,1-Trichloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,1-Dichloroethene	5	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,1-Dichloropropene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2,3-Trichloropropane	0.04	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2,4,5-Tetramethylbenzene	5	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
1,2,4-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2,4-Trimethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dibromoethane	0.0006	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
1,2-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichloroethane	0.6	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloroethene, Total	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichloropropane	1	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
1,3,5-Trimethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichloropropane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichloropropene, Total	0.4	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
1,4-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,4-Dioxane	NS	41 U	41 U	41 U	41 U	41 U	41 U
2,2-Dichloropropane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1 U	1 U	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	NS	1 U	1 U	1 U	1 U	1 U	1 U
Acetone	50	1.5 U	1.5 U	1.5 U	2.1 J	1.5 U	7.3
Acrylonitrile	5	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Benzene	1	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Bromochloromethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Bromodichloromethane	50	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Bromoform	50	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Bromomethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Carbon disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Chlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Chloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Chloroform	7	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Chloromethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
cis-1,2-Dichloroethene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
cis-1,3-Dichloropropene	0.4 TS	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U
Dibromochloromethane	50	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dibromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethyl ether	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Ethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Hexachlorobutadiene	0.5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Isopropylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Methyl tert butyl ether	10	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Methylene chloride	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Naphthalene	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
n-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
n-Propylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
o-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
o-Xylene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
p/m-Xylene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
p-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
p-Diethylbenzene	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
p-Ethyltoluene	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
p-Isopropyltoluene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
sec-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Styrene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
tert-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Tetrachloroethene	5	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Toluene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
trans-1,2-Dichloroethene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
trans-1,3-Dichloropropene	0.4 TS	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,4-Dichloro-2-butene	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Trichloroethene	5	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
Trichlorofluoromethane	5	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Vinyl acetate	NS	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Xylenes, Total	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U

*Duplicate of sample MW-12
**Duplicate of sample MW-9

Table 3a
Ballpark at St. George - North Site 1 (New York Wheel)
Staten Island, NY
Monitoring Well Sampling Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	FIELD BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK
Lab Sample ID	Class GA	L1430229-04	L1502252-04	L1430229-05	L1502252-05
Date Sampled	Ambient	12/15/2014	2/3/2015	12/15/2014	2/3/2015
Dilution	Standard	1	1	1	1
µg/L	µg/L				
1,1,1,2-Tetrachloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U
1,1,1-Trichloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U
1,1,2,2-Tetrachloroethane	5	0.14 U	0.14 U	0.14 U	0.14 U
1,1,2-Trichloroethane	1	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U
1,1-Dichloroethene	5	0.14 U	0.14 U	0.14 U	0.14 U
1,1-Dichloropropene	5	0.7 U	0.7 U	0.7 U	0.7 U
1,2,3-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
1,2,3-Trichloropropane	0.04	0.7 U	0.7 U	0.7 U	0.7 U
1,2,4,5-Tetramethylbenzene	5	0.65 U	0.65 U	0.65 U	0.65 U
1,2,4-Trichlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
1,2,4-Trimethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dibromo-3-chloropropane	0.04	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dibromoethane	0.0006	0.65 U	0.65 U	0.65 U	0.65 U
1,2-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichloroethane	0.6	0.13 U	0.13 U	0.13 U	0.13 U
1,2-Dichloroethene, Total	NS	0.7 U	0.7 U	0.7 U	0.7 U
1,2-Dichloropropane	1	0.13 U	0.13 U	0.13 U	0.13 U
1,3,5-Trimethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichloropropane	5	0.7 U	0.7 U	0.7 U	0.7 U
1,3-Dichloropropene, Total	0.4	0.14 U	0.14 U	0.14 U	0.14 U
1,4-Dichlorobenzene	3	0.7 U	0.7 U	0.7 U	0.7 U
1,4-Dioxane	NS	41 U	41 U	41 U	41 U
2,2-Dichloropropane	5	0.7 U	0.7 U	0.7 U	0.7 U
2-Butanone	50	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	50	1 U	1 U	1 U	1 U
4-Methyl-2-pentanone	NS	1 U	1 U	1 U	1 U
Acetone	50	1.5 U	1.5 U	1.5 U	1.5 U
Acrylonitrile	5	1.5 U	1.5 U	1.5 U	1.5 U
Benzene	1	0.16 U	0.16 U	0.16 U	0.16 U
Bromobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Bromochloromethane	5	0.7 U	0.7 U	0.7 U	0.7 U
Bromodichloromethane	50	0.19 U	0.19 U	0.19 U	0.19 U
Bromoform	50	0.65 U	0.65 U	0.65 U	0.65 U
Bromomethane	5	0.7 U	0.7 U	0.7 U	0.7 U
Carbon disulfide	60	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	0.13 U	0.13 U	0.13 U	0.13 U
Chlorobenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Chloroethane	5	0.7 U	0.7 U	0.7 U	0.7 U
Chloroform	7	0.7 U	0.7 U	0.7 U	0.7 U
Chloromethane	5	0.7 U	0.7 U	0.7 U	0.7 U
cis-1,2-Dichloroethene	5	0.7 U	0.7 U	0.7 U	0.7 U
cis-1,3-Dichloropropene	0.4 TS	0.14 U	0.14 U	0.14 U	0.14 U
Dibromochloromethane	50	0.15 U	0.15 U	0.15 U	0.15 U
Dibromomethane	5	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethyl ether	NS	0.7 U	0.7 U	0.7 U	0.7 U
Ethylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Hexachlorobutadiene	0.5	0.7 U	0.7 U	0.7 U	0.7 U
Isopropylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Methyl tert butyl ether	10	0.7 U	0.7 U	0.7 U	0.7 U
Methylene chloride	5	0.7 U	0.7 U	0.7 U	0.7 U
Naphthalene	NS	0.7 U	0.7 U	0.7 U	0.7 U
n-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
n-Propylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
o-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	0.7 U
o-Xylene	5	0.7 U	0.7 U	0.7 U	0.7 U
p/m-Xylene	5	0.7 U	0.7 U	0.7 U	0.7 U
p-Chlorotoluene	5	0.7 U	0.7 U	0.7 U	0.7 U
p-Diethylbenzene	NS	0.7 U	0.7 U	0.7 U	0.7 U
p-Ethyltoluene	NS	0.7 U	0.7 U	0.7 U	0.7 U
p-Isopropyltoluene	5	0.7 U	0.7 U	0.7 U	0.7 U
sec-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Styrene	5	0.7 U	0.7 U	0.7 U	0.7 U
tert-Butylbenzene	5	0.7 U	0.7 U	0.7 U	0.7 U
Tetrachloroethene	5	0.18 U	0.18 U	0.18 U	0.18 U
Toluene	5	0.7 U	0.7 U	0.7 U	0.7 U
trans-1,2-Dichloroethene	5	0.7 U	0.7 U	0.7 U	0.7 U
trans-1,3-Dichloropropene	0.4 TS	0.16 U	0.16 U	0.16 U	0.16 U
trans-1,4-Dichloro-2-butene	5	0.7 U	0.7 U	0.7 U	0.7 U
Trichloroethene	5	0.18 U	0.18 U	0.18 U	0.18 U
Trichlorofluoromethane	5	0.7 U	0.7 U	0.7 U	0.7 U
Vinyl acetate	NS	1 U	1 U	1 U	1 U
Vinyl chloride	2	0.33 U	0.33 U	0.33 U	0.33 U
Xylenes, Total	NS	0.7 U	0.7 U	0.7 U	0.7 U

*Duplicate of sample MW-12
**Duplicate of sample MW-9

Table 3b
Ballpark at St. George - North Site 1 (New York Wheel)
Staten Island, NY
Monitoring Well Sampling Analytical Results
Semivolatile Organic Compounds

Client ID	NYSDEC	MW-9	MW-9	MW-12	MW-12	MW-17*	MW-17**	FIELD BLANK	FIELD BLANK
Lab Sample ID	Class GA	L1430229-02	L1502252-03	L1430229-01	L1502252-01	L1430229-03	L1502252-02	L1430229-04	L1502252-04
Date Sampled	Ambient	12/15/2014	2/3/2015	12/15/2014	2/3/2015	12/15/2014	2/3/2015	12/15/2014	2/3/2015
Dilution	Standard	1	1	1	1	1	1	1	1
µg/L	µg/L								
1,2,4,5-Tetrachlorobenzene	5	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,4-Trichlorobenzene	5	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichlorobenzene	3	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,3-Dichlorobenzene	3	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
1,4-Dichlorobenzene	3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
2,4,5-Trichlorophenol	NS	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
2,4,6-Trichlorophenol	NS	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
2,4-Dichlorophenol	5	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
2,4-Dimethylphenol	50	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
2,4-Dinitrophenol	10	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
2,4-Dinitrotoluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	5	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U
2-Chloronaphthalene	NS	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
2-Chlorophenol	NS	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
2-Methylnaphthalene	NS	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
2-Methylphenol	NS	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
2-Nitroaniline	5	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U	0.96 U
2-Nitrophenol	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
3-Methylphenol/4-Methylphenol	NS	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
3-Nitroaniline	5	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
4,6-Dinitro-o-cresol	NS	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
4-Bromophenyl phenyl ether	NS	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
4-Chloroaniline	5	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U
4-Chlorophenyl phenyl ether	NS	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	5	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
4-Nitrophenol	NS	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Acenaphthene	NS	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Acenaphthylene	NS	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Acetophenone	NS	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
Anthracene	50	0.11 J	0.06 U	0.06 U	0.06 U	0.06 U	0.12 J	0.06 U	0.06 U
Benzo(a)anthracene	0.002	**0.08 J**	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Benzo(a)pyrene	ND	**0.07 J**	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Benzo(b)fluoranthene	0.002	**0.1 J**	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Benzo(ghi)perylene	NS	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Benzo(k)fluoranthene	0.002	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Benzoic Acid	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Alcohol	NS	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U
Biphenyl	5	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
Bis(2-chloroethoxy)methane	5	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Bis(2-chloroethyl)ether	1	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Bis(2-chloroisopropyl)ether	5	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Bis(2-Ethylhexyl)phthalate	5	0.93 U	0.93 U	0.93 U	1.3 J	0.93 U	0.93 U	0.93 U	0.93 U
Butyl benzyl phthalate	50	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Carbazole	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Chrysene	0.002	**0.07 J**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dibenzo(a,h)anthracene	NS	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Dibenzofuran	NS	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Diethyl phthalate	50	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
Dimethyl phthalate	50	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-n-butylphthalate	50	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U
Di-n-octylphthalate	50	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Fluoranthene	50	0.12 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Fluorene	50	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Hexachlorobenzene	0.04	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.5	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Hexachlorocyclopentadiene	5	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Hexachloroethane	5	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Indeno(1,2,3-cd)Pyrene	0.002	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U	0.08 U
Isophorone	50	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Naphthalene	NS	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Nitrobenzene	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
NitrosoDiPhenylAmine(NDPA)/DPA	50	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
n-Nitrosodi-n-propylamine	NS	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
P-Chloro-M-Cresol	NS	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Pentachlorophenol	NS	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Phenanthrene	50	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Phenol	NS	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Pyrene	50	0.12 J	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U

***Duplicate of sample MW-12**
****Duplicate of sample MW-9**

Tables 3a-3b
Ballpark at St. George - North Site 1 (New York Wheel)
Staten Island, NY

Monitoring Well Sampling Analytical Results

Notes

GENERAL

NS : No soil cleanup objective listed.

ND : No Detect

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

TS : Value represents a sum total standard.

GROUNDWATER

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values.

µg/L : micrograms per Liter = parts per billion (ppb)

Exceedences of NYSDEC Class GA Ambient Standards are highlighted in bold font.

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Thursday, March 31, 2016 10:38 AM
To: Asya Bychkov
Cc: O'Connell, Jane H (DEC); Marcus Simons; Ashutosh Sharma
Subject: RE: Ballpark at St. George NY Wheel soil re-use request

Asya: Yes, they are OK for use under either concrete or landscaping. I will check both our schedules and get back to you on our availability for a phone call. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Thursday, March 31, 2016 10:32 AM
To: Crawford, Nigel (DEC)
Cc: O'Connell, Jane H (DEC); Marcus Simons; Ashutosh Sharma
Subject: RE: Ballpark at St. George NY Wheel soil re-use request

Nigel,

To clarify, are these four piles OK for use under either concrete or landscaping?

I'd also like to discuss whether some of the remaining piles might be OK for reuse under landscaping (and above the water table) based on the relatively low exceedances and historical groundwater data. When are you and Jane both available for a phone call?

As always, thanks so much for your patience and help in resolving this!

Asya

From: Crawford, Nigel (DEC) [mailto:nigel.crawford@dec.ny.gov]
Sent: Thursday, March 31, 2016 10:24 AM
To: Asya Bychkov
Cc: O'Connell, Jane H (DEC)
Subject: Ballpark at St. George NY Wheel soil re-use request

Asya: Based on further review 119 and 123 are out. Consequently, the following piles are allowed for use ***below*** the demarcation layer: 109C, DUPC, 110C, 116C and 122C. In addition, you must follow the SMP and reuse the soil only in areas of lesser prior contamination. If you have any questions on the above you may call Jane O'Connell or me to discuss. Nigel

Nigel N. Crawford, P.E.
Environmental Engineer 2
DER
NYSDEC Region 2
47-40 21st Street, LIC
New York 11101
Tel. # 718-482-7778

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April 4, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse and Sampling Plan Approval Request

Dear Mr. Crawford:

As we discussed in our phone call today, the following is a breakdown of the proposed reuse scenarios for the approximately 15,000-cubic yard stockpile of excavated soil, represented by 16 samples, for your review and approval:

- Four samples (SP-109-C/SP-DUP-2, SP-110-C, SP-116-C, and SP-122-C), did not exhibit exceedances of previously measured Site background levels (BLs) for metals or SVOCs. A further two (SP-119-C and SP-123-C) only had exceedances for the SVOCs phenol or 2-methylphenol at approximately 0.07 parts per million (ppm), only slightly exceeding the BLs. However, these SVOC levels were well below 6 NYCRR Part 375 Commercial Use Soil Cleanup Objectives (CSCO - 500 ppm) and Protection of Groundwater Soil Cleanup Objectives (PGSCO - 0.33 ppm). These soils would be reused within the Ballpark at St. George Station Site (V-00228), beneath the final cap (either pervious or impervious).
- Concentrations of metals in six samples, SP-112-C, SP-114-C, SP-115-C, SP-117-C, SP-118-C, and SP-120-C were slightly above BLs, but within the same order of magnitude. Three of these metals (cobalt, magnesium and nickel) were of relatively low concern for toxicity and/or may be attributable to natural sources. The fourth metal which exceeded BLs (mercury in samples SP-114-C and SP-115-C) was detected at 0.59 and 0.71 mg/kg respectively, only slightly above the BL of 0.57 mg/kg, and below the CSCO (2.8 ppm) and PGSCO (0.73 ppm). This soil would be reused beneath the final cap (either pervious or impervious).
- One sample, SP-108-C/SP-DUP-1, contained total chromium at 139 ppm in SP-108-C (but only 68.6 ppm in its duplicate SP-DUP-1). The higher concentration slightly exceeded the BL of 133 ppm and the PGSCO of 41 ppm for trivalent chromium, but was below the CSCO of 1,500 ppm for trivalent chromium. Two samples, SP-113-C and SP-121A-C, contained mercury (1.5 ppm and 2 ppm respectively) that exceeded the BL and the PGSCO of 0.73 ppm, but were below the CSCO of 2.8 ppm. This soil would be reused, but only under impervious portions of the final cap.

- One sample, SP-111-C, contained arsenic at 334 ppm, slightly in exceedance of the BL of 307 ppm and the CSCO and PGSCO (both 16 ppm). This soil would not be reused unless determined to be non-hazardous based on Toxicity Characteristic Leaching Procedure (TCLP) analysis for arsenic, in which case it would be reused only under impervious portions of the final cap.

The laboratory analytical results are summarized on the attached Tables 1 to 4, with exceedances of BLs highlighted. As previously noted in an email dated March 23, 2016, historical groundwater and surface water sampling results indicate that of the compounds exceeding the lower of CSCO and PGSCOs, only mercury appears to be associated with groundwater levels above Class GA standards.

Please let us know whether the above reuse scenarios accurately reflect your requirements. Thank you for your patient involvement in this matter.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

cc: Asya Bychkov, Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-G 460-108135-1 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-G 460-108135-4 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-G 460-108135-7 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.3 U *	1.1 U *	1.3 U *	1.3 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
1,4-Dioxane	100	100	ND	29 U	26 U	23 U	26 U	25 U
2-Butanone (MEK)	120	120	ND-22	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
2-Hexanone	NS	NS	ND-20	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Acetone	50	50	ND-57	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Benzene	60	60	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromoform	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Bromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon disulfide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Carbon tetrachloride	760	760	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloroform	370	370	ND-10	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Chloromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Cyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methyl acetate	NS	NS	NA	7.3 U	6.5 U	5.6 U	6.5 U	6.3 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Methylene Chloride	50	50	ND-98	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
o-Xylene	261 TS	1,600 TS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Styrene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Toluene	700	700	ND-7	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichloroethene	470	470	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Vinyl chloride	20	20	ND	1.5 U	1.3 U	1.1 U	1.3 U	1.3 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-111-G 460-108135-9 1/27/2016	SP-112-G 460-108135-11 1/27/2016	SP-113-G 460-108135-13 1/27/2016	SP-114-G 460-108135-15 1/27/2016	SP-115-G 460-108135-17 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,1-Dichloroethene	330	330	ND	1.5 U *	1.7 U *	1.2 U *	1.4 U *	1.4 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
1,4-Dioxane	100	100	ND	30 U	33 U	24 U	27 U	28 U
2-Butanone (MEK)	120	120	ND-22	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
2-Hexanone	NS	NS	ND-20	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Acetone	50	50	ND-57	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Benzene	60	60	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromoform	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Bromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon disulfide	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Carbon tetrachloride	760	760	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloroethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloroform	370	370	ND-10	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Chloromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Cyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methyl acetate	NS	NS	NA	7.5 U	8.3 U	5.9 U	6.8 U	6.9 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Methylene Chloride	50	50	ND-98	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
o-Xylene	261 TS	1,600 TS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Styrene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Toluene	700	700	ND-7	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Trichloroethene	470	470	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Vinyl chloride	20	20	ND	1.5 U	1.7 U	1.2 U	1.4 U	1.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-116-G 460-108135-19 1/27/2016	SP-117-G 460-108135-21 1/27/2016	SP-118-G 460-108135-23 1/27/2016	SP-119-G 460-108135-25 1/27/2016	SP-120-G 460-108135-27 1/27/2016
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.1 U *	1.2 U *	1.2 U *	1.2 U *
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane	100	100	ND	24 U	22 U	23 U	24 U	23 U
2-Butanone (MEK)	120	120	ND-22	5.9 U	5.6 U	5.8 U	6 U	5.8 U
2-Hexanone	NS	NS	ND-20	5.9 U	5.6 U	5.8 U	6 U	5.8 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Acetone	50	50	ND-57	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Benzene	60	60	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromoform	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Bromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon disulfide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Carbon tetrachloride	760	760	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloroform	370	370	ND-10	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Chloromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Cyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methyl acetate	NS	NS	NA	5.9 U	5.6 U	5.8 U	6 U	5.8 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Methylene Chloride	50	50	ND-98	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Styrene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Toluene	700	700	ND-7	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichloroethene	470	470	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Vinyl chloride	20	20	ND	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
Total Conc	NS	NS	NA	0	0	0	0	0

Table 1
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-122-G 460-108135-30 1/27/2016	SP-123-G 460-108135-32 1/27/2016	TB-20160127 460-108135-34 1/27/2016 µg/L	FB-20160127 460-108135-35 1/27/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.2 U	1.2 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethane	270	270	ND	1.2 U	1.2 U	1 U	1 U
1,1-Dichloroethene	330	330	ND	1.2 U *	1.2 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloroethane	20	20	ND	1.2 U	1.2 U	1 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.2 U	1.2 U	1 U	1 U
1,4-Dioxane	100	100	ND	25 U	23 U	50 U *	50 U *
2-Butanone (MEK)	120	120	ND-22	3 J	4.3 J	5 U	5 U
2-Hexanone	NS	NS	ND-20	6.2 U	5.8 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	6.2 U	5.8 U	5 U	5 U
Acetone	50	50	ND-57	12	19	5 U	5 U
Benzene	60	60	ND	1.2 U	1.2 U	1 U	1 U
Bromoform	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Bromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Carbon disulfide	NS	NS	ND	0.62 J	0.87 J	1 U	1 U
Carbon tetrachloride	760	760	ND	1.2 U	1.2 U	1 U	1 U
Chlorobenzene	1,100	1,100	ND	1.2 U	1.2 U	1 U	1 U
Chlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chlorodibromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Chloroform	370	370	ND-10	1.2 U	1.2 U	1 U	1 U
Chloromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
cis-1,2-Dichloroethene	250	250	ND	1.2 U	1.2 U	1 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Cyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Dichlorobromomethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Ethylbenzene	1,000	1,000	ND	1.2 U	1.2 U	1 U	1 U
Ethylene Dibromide	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Isopropylbenzene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Methyl acetate	NS	NS	NA	6.2 U	5.8 U	5 U	5 U
Methyl tert-butyl ether	930	930	ND	1.2 U	1.2 U	1 U	1 U
Methylcyclohexane	NS	NS	NA	1.2 U	1.2 U	1 U	1 U
Methylene Chloride	50	50	ND-98	1.2 U	1.2 U	1 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.2 U	1.2 U	1 U	1 U
o-Xylene	261 TS	1,600 TS	ND	1.2 U	1.2 U	1 U	1 U
Styrene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.2 U	1.2 U	1 U	1 U
Toluene	700	700	ND-7	1.2 U	1.2 U	1 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.2 U	1.2 U	1 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Trichloroethene	470	470	ND	1.2 U	1.2 U	1 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.2 U	1.2 U	1 U	1 U
Vinyl chloride	20	20	ND	1.2 U	1.2 U	1 U	1 U
Total Conc	NS	NS	NA	15.62	24.17	0	0

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016 1	SP-DUP-1 460-108135-3 1/27/2016 2	SP-109-C 460-108135-5 1/27/2016 1	SP-DUP-2 460-108135-6 1/27/2016 1	SP-110-C 460-108135-8 1/27/2016 1
1,1'-Biphenyl	NS	NS	ND	390 U	74 J	66 J	58 J	90 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
2,4,5-Trichlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4,6-Trichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dichlorophenol	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
2,4-Dimethylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2,4-Dinitrophenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
2,4-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2,6-Dinitrotoluene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
2-Chloronaphthalene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Chlorophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Methylnaphthalene	NS	NS	ND-950	100 J	190 J	210 J	180 J	370 J
2-Methylphenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
2-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
2-Nitrophenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
3,3'-Dichlorobenzidine	NS	NS	ND	160 U	310 U	160 U	160 U	160 U
3-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	610 U	320 U	310 U	320 U
4-Bromophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloro-3-methylphenol	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chloroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Chlorophenyl phenyl ether	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Methylphenol	330	330	ND-65	17 J	24 J	12 J	12 J	27 J
4-Nitroaniline	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
4-Nitrophenol	NS	NS	ND	790 U	1,500 U	810 U	790 U	800 U
Acenaphthene	20,000	98,000	ND-5,100	110 J	760	160 J	110 J	290 J
Acenaphthylene	100,000	107,000	ND-790	30 J	56 J	63 J	39 J	81 J
Acetophenone	NS	NS	ND	390 U	760 U	400 U	17 J	39 J
Anthracene	100,000	500,000	ND-14,000	230 J	2,200	410	220 J	610
Atrazine	NS	NS	NA	160 U	310 U	160 U	160 U	160 U
Benzaldehyde	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	630	4,200	740	560	1,700
Benzo[a]pyrene	1,000	1,000	ND-31,000	600	3,500	780	560	1,700
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	810	4,500	1,300	870	2,500
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	480	2,800	350 J	430	1,100
Benzo[k]fluoranthene	800	1,700	ND-36,000	280	1,800	390	290	860
Bis(2-chloroethoxy)methane	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Bis(2-chloroethyl)ether	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	390 U	760 U	62 J	390 U	390 U
Butyl benzyl phthalate	NS	NS	ND-3,900	390 U	760 U	400 U	390 U	390 U
Caprolactam	NS	NS	NA	390 U	760 U	400 U	390 U	390 U
Carbazole	NS	NS	ND-10,000	75 J	440 J	160 J	92 J	300 J
Chrysene	1,000	1,000	ND-48,000	680	4,400	930	720	2,000
Dibenz(a,h)anthracene	330	560	ND-5,200	110	580	170	150	380
Dibenzofuran	7,000	210,000	ND-760	88 J	460 J	210 J	160 J	300 J
Diethyl phthalate	NS	NS	ND-710	390 U	760 U	400 U	390 U	23 J
Dimethyl phthalate	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Di-n-butyl phthalate	NS	NS	ND-150	390 U	760 U	400 U	92 J	390 U
Di-n-octyl phthalate	NS	NS	ND-160	390 U	760 U	400 U	390 U	390 U
Fluoranthene	100,000	500,000	ND-89,000	1,200	9,200	2,100	1,200	3,800
Fluorene	30,000	386,000	ND-5,800	120 J	870	230 J	120 J	270 J
Hexachlorobenzene	330	3,200	ND	39 U	76 U	40 U	39 U	39 U
Hexachlorobutadiene	NS	NS	ND	79 U	150 U	81 U	79 U	80 U
Hexachlorocyclopentadiene	NS	NS	ND	390 U	760 U	400 U	390 U	390 U
Hexachloroethane	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	500	3,100	470	490	1,300
Isophorone	NS	NS	ND-280	160 U	310 U	160 U	160 U	160 U
Naphthalene	12,000	12,000	ND-1,300	260 J	440 J	420	390	870
Nitrobenzene	NS	NS	ND	39 U	76 U	40 U	39 U	39 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	39 U	76 U	40 U	39 U	39 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	390 U	760 U	400 U	390 U	390 U
Pentachlorophenol	800	800	ND-110	310 U	610 U	320 U	310 U	320 U
Phenanthrene	100,000	500,000	ND-49,000	720	7,800	1,400	700	2,200
Phenol	330	330	ND	390 U	760 U	400 U	390 U	390 U
Pyrene	100,000	500,000	ND-100,000	1,100	8,300	1,000	770	2,100
Total Conc	NS	NS	NA	8,140	55,694	11,633	8,230	22,910

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-111-C 460-108135-10 1/27/2016 2	SP-112-C 460-108135-12 1/27/2016 2	SP-113-C 460-108135-14 1/27/2016 1	SP-114-C 460-108135-16 1/27/2016 1	SP-115-C 460-108135-18 1/27/2016 1
1,1'-Biphenyl	NS	NS	ND	820 U	90 J	42 J	42 J	54 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	820 U	800 U	400 U	400 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dichlorophenol	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
2,4-Dimethylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2,4-Dinitrophenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2,6-Dinitrotoluene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
2-Chloronaphthalene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Chlorophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	190 J	270 J	160 J	150 J	170 J
2-Methylphenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
2-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
2-Nitrophenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	330 U	320 U	160 U	160 U	170 U
3-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	660 U	650 U	320 U	330 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chloroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Methylphenol	330	330	ND-65	820 U	31 J	29 J	46 J	15 J
4-Nitroaniline	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
4-Nitrophenol	NS	NS	ND	1,700 U	1,600 U	820 U	820 U	840 U
Acenaphthene	20,000	98,000	ND-5,100	390 J	610 J	180 J	220 J	200 J
Acenaphthylene	100,000	107,000	ND-790	160 J	170 J	62 J	73 J	57 J
Acetophenone	NS	NS	ND	820 U	27 J	400 U	400 U	16 J
Anthracene	100,000	500,000	ND-14,000	1,200	1,600	470	860	330 J
Atrazine	NS	NS	NA	330 U	320 U	160 U	160 U	170 U
Benzaldehyde	NS	NS	NA	820 U	800 U	400 U	400 U	36 J
Benzo[a]anthracene	1,000	1,000	ND-41,000	3,300	4,200	970	1,900	690
Benzo[a]pyrene	1,000	1,000	ND-31,000	3,200	4,200	990	1,800	700
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	4,000	5,700	1,300	2,500	990
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	1,500	1,700	430	860	330 J
Benzo[k]fluoranthene	800	1,700	ND-36,000	1,500	2,200	560	1,000	400
Bis(2-chloroethoxy)methane	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	180 J	210 J	400 U	400 U	410 U
Butyl benzyl phthalate	NS	NS	ND-3,900	820 U	800 U	400 U	400 U	410 U
Caprolactam	NS	NS	NA	820 U	800 U	400 U	34 J	52 J
Carbazole	NS	NS	ND-10,000	450 J	800	160 J	330 J	140 J
Chrysene	1,000	1,000	ND-48,000	3,500	4,700	1,100	2,200	820
Dibenz(a,h)anthracene	330	560	ND-5,200	520	740	140	290	93
Dibenzofuran	7,000	210,000	ND-760	290 J	440 J	180 J	210 J	180 J
Diethyl phthalate	NS	NS	ND-710	820 U	800 U	400 U	400 U	410 U
Dimethyl phthalate	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	820 U	800 U	400 U	400 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	820 U	800 U	400 U	400 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	7,900	11,000	2,500	5,100	1,800
Fluorene	30,000	386,000	ND-5,800	440 J	640 J	230 J	300 J	160 J
Hexachlorobenzene	330	3,200	ND	82 U	80 U	40 U	40 U	41 U
Hexachlorobutadiene	NS	NS	ND	170 U	160 U	82 U	82 U	84 U
Hexachlorocyclopentadiene	NS	NS	ND	820 U	800 U	400 U	400 U	410 U
Hexachloroethane	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	2,000	2,300	540	1,100	380
Isophorone	NS	NS	ND-280	330 U	320 U	160 U	160 U	38 J
Naphthalene	12,000	12,000	ND-1,300	370 J	650 J	370 J	310 J	380 J
Nitrobenzene	NS	NS	ND	82 U	80 U	40 U	40 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	82 U	80 U	40 U	40 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	820 U	800 U	400 U	46 J	410 U
Pentachlorophenol	800	800	ND-110	660 U	650 U	320 U	330 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	4,400	5,700	1,500	2,700	1,200
Phenol	330	330	ND	820 U	800 U	400 U	400 U	410 U
Pyrene	100,000	500,000	ND-100,000	3,800	5,100	1,300	2,400	1,100
Total Conc	NS	NS	NA	39,290	53,078	13,213	24,471	10,331

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	Site	SP-116-C	SP-117-C	SP-118-C	SP-119-C	SP-120-C
Lab Sample ID	Part 375	Part 375	Background	460-108135-20	460-108135-22	460-108135-24	460-108135-26	460-108135-28
Date Sampled	Unrestricted	lowest of	Ranges	1/27/2016	1/27/2016	1/27/2016	1/27/2016	1/27/2016
Dilution	SCO	Commercial/ Groundwater (Table 5 of SMP)		1	1	1	2	1
µg/kg	µg/kg	µg/kg	µg/kg					
1,1'-Biphenyl	NS	NS	ND	91 J	72 J	51 J	790 U	74 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
2,4,5-Trichlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4,6-Trichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dichlorophenol	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
2,4-Dimethylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2,4-Dinitrophenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
2,4-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2,6-Dinitrotoluene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
2-Chloronaphthalene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Chlorophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Methylnaphthalene	NS	NS	ND-950	340 J	230 J	150 J	110 J	210 J
2-Methylphenol	330	330	ND	380 U	400 U	410 U	790 U	410 U
2-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
2-Nitrophenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
3,3'-Dichlorobenzidine	NS	NS	ND	150 U	160 U	170 U	320 U	160 U
3-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	310 U	320 U	330 U	640 U	330 U
4-Bromophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloro-3-methylphenol	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chloroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Chlorophenyl phenyl ether	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Methylphenol	330	330	ND-65	47 J	27 J	26 J	790 U	38 J
4-Nitroaniline	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
4-Nitrophenol	NS	NS	ND	770 U	810 U	840 U	1,600 U	830 U
Acenaphthene	20,000	98,000	ND-5,100	150 J	230 J	180 J	110 J	830
Acenaphthylene	100,000	107,000	ND-790	95 J	70 J	99 J	41 J	54 J
Acetophenone	NS	NS	ND	44 J	26 J	23 J	790 U	410 U
Anthracene	100,000	500,000	ND-14,000	410	600	520	310 J	1,500
Atrazine	NS	NS	NA	150 U	160 U	170 U	320 U	160 U
Benzaldehyde	NS	NS	NA	47 J	32 J	410 U	790 U	410 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	940	1,300	1,400	790	3,300
Benzo[a]pyrene	1,000	1,000	ND-31,000	760	1,300	1,500	740	3,100
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	1,500	1,800	2,100	980	4,500
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	340 J	670	720	380 J	1,300
Benzo[k]fluoranthene	800	1,700	ND-36,000	520	660	820	420	1,500
Bis(2-chloroethoxy)methane	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Bis(2-chloroethyl)ether	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	380 U	400 U	410 U	790 U	140 J
Butyl benzyl phthalate	NS	NS	ND-3,900	380 U	400 U	410 U	790 U	410 U
Caprolactam	NS	NS	NA	380 U	400 U	410 U	790 U	410 U
Carbazole	NS	NS	ND-10,000	180 J	240 J	220 J	150 J	940
Chrysene	1,000	1,000	ND-48,000	1,300	1,500	1,600	850	3,600
Dibenz(a,h)anthracene	330	560	ND-5,200	150	180	220	87	520
Dibenzofuran	7,000	210,000	ND-760	270 J	270 J	190 J	150 J	430
Diethyl phthalate	NS	NS	ND-710	380 U	400 U	410 U	790 U	410 U
Dimethyl phthalate	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Di-n-butyl phthalate	NS	NS	ND-150	380 U	400 U	410 U	790 U	410 U
Di-n-octyl phthalate	NS	NS	ND-160	380 U	400 U	410 U	790 U	410 U
Fluoranthene	100,000	500,000	ND-89,000	2,600	3,400	3,500	1,800	8,800
Fluorene	30,000	386,000	ND-5,800	220 J	270 J	220 J	160 J	830
Hexachlorobenzene	330	3,200	ND	38 U	40 U	41 U	79 U	41 U
Hexachlorobutadiene	NS	NS	ND	77 U	81 U	84 U	160 U	83 U
Hexachlorocyclopentadiene	NS	NS	ND	380 U	400 U	410 U	790 U	410 U
Hexachloroethane	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	450	790	840	410	1,800
Isophorone	NS	NS	ND-280	31 J	160 U	170 U	320 U	160 U
Naphthalene	12,000	12,000	ND-1,300	530	460	360 J	210 J	540
Nitrobenzene	NS	NS	ND	38 U	40 U	41 U	79 U	41 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	38 U	40 U	41 U	79 U	41 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	380 U	400 U	410 U	790 U	410 U
Pentachlorophenol	800	800	ND-110	310 U	320 U	330 U	640 U	330 U
Phenanthrene	100,000	500,000	ND-49,000	1,500	1,900	1,600	1,000	5,600
Phenol	330	330	ND	380 U	400 U	410 U	70 J	410 U
Pyrene	100,000	500,000	ND-100,000	1,200	1,600	1,700	910	4,200
Total Conc	NS	NS	NA	13,715	17,627	18,039	9,678	43,806

Table 2
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-121A-C 460-108135-29 1/27/2016 2	SP-122-C 460-108135-31 1/27/2016 2	SP-123-C 460-108135-33 1/27/2016 2	FB-20160127 460-108135-35 1/27/2016 1 µg/L
1,1'-Biphenyl	NS	NS	ND	790 U	71 J	760 U	10 U
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	790 U	790 U	760 U	10 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	790 U	790 U	760 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	790 U	790 U	760 U	10 U
2,4,5-Trichlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4,6-Trichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dichlorophenol	NS	NS	ND	320 U	320 U	300 U	10 U
2,4-Dimethylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
2,4-Dinitrophenol	NS	NS	ND	640 U	640 U	610 U	20 U
2,4-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2,6-Dinitrotoluene	NS	NS	ND	160 U	160 U	150 U	2 U
2-Chloronaphthalene	NS	NS	ND	790 U	790 U	760 U	10 U
2-Chlorophenol	NS	NS	ND	790 U	790 U	760 U	10 U
2-Methylnaphthalene	NS	NS	ND-950	130 J	230 J	160 J	10 U
2-Methylphenol	330	330	ND	790 U	790 U	760 U	10 U
2-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
2-Nitrophenol	NS	NS	ND	790 U	790 U	760 U	10 U
3,3'-Dichlorobenzidine	NS	NS	ND	320 U	320 U	300 U	10 U
3-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	640 U	640 U	610 U	20 U
4-Bromophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloro-3-methylphenol	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chloroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Chlorophenyl phenyl ether	NS	NS	ND	790 U	790 U	760 U	10 U
4-Methylphenol	330	330	ND-65	790 U	22 J	73 J	10 U
4-Nitroaniline	NS	NS	ND	790 U	790 U	760 U	10 U
4-Nitrophenol	NS	NS	ND	1,600 U	1,600 U	1,500 U	20 U
Acenaphthene	20,000	98,000	ND-5,100	120 J	440 J	210 J	10 U
Acenaphthylene	100,000	107,000	ND-790	68 J	66 J	50 J	10 U
Acetophenone	NS	NS	ND	790 U	790 U	760 U	10 U
Anthracene	100,000	500,000	ND-14,000	510 J	770 J	420 J	10 U
Atrazine	NS	NS	NA	320 U	320 U	300 U	2 U
Benzaldehyde	NS	NS	NA	790 U	790 U	760 U	10 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	1,600	1,800	960	1 U
Benzo[a]pyrene	1,000	1,000	ND-31,000	1,500	1,600	970	1 U
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	2,400	2,400	1,200	1 U
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	590 J	670 J	710 J	10 U
Benzo[k]fluoranthene	800	1,700	ND-36,000	790	880	500	1 U
Bis(2-chloroethoxy)methane	NS	NS	ND	790 U	790 U	760 U	10 U
Bis(2-chloroethyl)ether	NS	NS	ND	79 U	79 U	76 U	1 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	790 U	210 J	150 J	2 U
Butyl benzyl phthalate	NS	NS	ND-3,900	790 U	790 U	760 U	10 U
Caprolactam	NS	NS	NA	790 U	790 U	760 U	10 U
Carbazole	NS	NS	ND-10,000	190 J	410 J	170 J	10 U
Chrysene	1,000	1,000	ND-48,000	2,000	2,100	1,200	2 U
Dibenz(a,h)anthracene	330	560	ND-5,200	270	280	210	1 U
Dibenzofuran	7,000	210,000	ND-760	130 J	350 J	180 J	10 U
Diethyl phthalate	NS	NS	ND-710	790 U	790 U	760 U	10 U
Dimethyl phthalate	NS	NS	ND	790 U	790 U	760 U	10 U
Di-n-butyl phthalate	NS	NS	ND-150	790 U	790 U	760 U	10 U
Di-n-octyl phthalate	NS	NS	ND-160	790 U	790 U	760 U	10 U
Fluoranthene	100,000	500,000	ND-89,000	3,900	4,800	2,300	10 U
Fluorene	30,000	386,000	ND-5,800	170 J	470 J	240 J	10 U
Hexachlorobenzene	330	3,200	ND	79 U	79 U	76 U	1 U
Hexachlorobutadiene	NS	NS	ND	160 U	160 U	150 U	1 U
Hexachlorocyclopentadiene	NS	NS	ND	790 U	790 U	760 U	10 U
Hexachloroethane	NS	NS	ND	79 U	79 U	76 U	1 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	870	870	860	1 U
Isophorone	NS	NS	ND-280	320 U	320 U	27 J	10 U
Naphthalene	12,000	12,000	ND-1,300	260 J	490 J	340 J	10 U
Nitrobenzene	NS	NS	ND	79 U	79 U	76 U	1 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	79 U	79 U	76 U	1 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	790 U	790 U	760 U	10 U
Pentachlorophenol	800	800	ND-110	640 U	640 U	610 U	20 U
Phenanthrene	100,000	500,000	ND-49,000	1,300	2,800	1,600	10 U
Phenol	330	330	ND	790 U	790 U	760 U	10 U
Pyrene	100,000	500,000	ND-100,000	1,800	2,300	1,600	10 U
Total Conc	NS	NS	NA	18,598	24,029	14,130	0

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-108-C 460-108135-2 1/27/2016 1/20 †	SP-DUP-1 460-108135-3 1/27/2016 1/4/10 †	SP-109-C 460-108135-5 1/27/2016 1/4 †	SP-DUP-2 460-108135-6 1/27/2016 1/4 †	SP-110-C 460-108135-8 1/27/2016 1/4 †	SP-111-C 460-108135-10 1/27/2016 1/20 †	SP-112-C 460-108135-12 1/27/2016 1/4/10 †
Aluminum	**NS**	**NS**	**1,000-9,920**	2,610	4,960	7,040	7,610	5,810	3,190	4,970
Antimony	**NS**	**NS**	**ND-41.7**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Arsenic	**13**	**16**	**5.4-307**	13.5 J	18.4	15.2	14.3	17.5	334	12.3
Barium	**350**	**400**	**ND-232**	31.2 J	66.5	45.3	48.2	79.2	58.3 J	73.2
Beryllium	**7.2**	**47**	**0.32-8.45**	2.3 U	0.43 U	0.47	0.66	0.51	2.1 U	0.44 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	4.6 U	0.86 U	0.86 U	0.82 U	0.95 U	4.2 U	0.87 U
Calcium	**NS**	**NS**	**97.6-37,200**	12,900	10,100	6,340	7,200	13,200	10,500	13,400
Chromium	**30***	**1500***	**ND-133**	139	68.6	22.8	24	26.8	121	50.8
Cobalt	**NS**	**NS**	**ND-24.1**	67.1	37	20.6	12.6	14.3	38.7 J	36.8
Copper	**50**	**270**	**33.3-653**	19.3 J	43.2	42.5	47.9	81.5	231	56.3
Iron	**NS**	**NS**	**3,620-120,000**	36,600	26,100	23,400	19,800	21,400	118,000	27,100
Lead	**63**	**450**	**ND-729**	69.9	190	108	75.1	249	124	151
Magnesium	**NS**	**NS**	**506-53,000**	123,000	62,800	29,200	10,800	19,100	71,000	65,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	614	458	341	267	326	803	456
Mercury	**0.18**	**0.73**	**ND-0.57**	0.18	0.46	0.18	0.14	0.46	0.47	0.41
Nickel	**30**	**130**	**20.7-464**	1,990	1,070	337	156	444	762	710
Potassium	**NS**	**NS**	**186-2,250**	558 J	927 J	636 J	951 J	854 J	424 J	958 J
Selenium	**3.9**	**4**	**ND-3.4**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Silver	**2**	**8.3**	**ND**	11.4 U	2.2 U	2.2 U	2.1 U	2.4 U	10.6 U	2.2 U
Sodium	**NS**	**NS**	**169-1,430**	5,700 U	273 J	211 J	348 J	310 J	5,300 U	349 J
Thallium	**NS**	**NS**	**ND**	22.8 U	4.3 U	4.3 U	4.1 U	4.8 U	21.2 U	4.4 U
Vanadium	**NS**	**NS**	**ND-79**	9.2 J	15.3	20.9	21.6	30.6	27.9 J	34.8
Zinc	**109**	**2,480**	**32.7-736**	69	149	65.4	96.5	157	169	141

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-113-C 460-108135-14 1/27/2016 2/4 †	SP-114-C 460-108135-16 1/27/2016 1/4/10 †	SP-115-C 460-108135-18 1/27/2016 1/4 †	SP-116-C 460-108135-20 1/27/2016 1/4 †	SP-117-C 460-108135-22 1/27/2016 1/4 †	SP-118-C 460-108135-24 1/27/2016 1/4/10 †	SP-119-C 460-108135-26 1/27/2016 1/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	6,410	5,320	8,510	6,770	5,770	5,490	8,060
Antimony	**NS**	**NS**	**ND-41.7**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Arsenic	**13**	**16**	**5.4-307**	15	16.7	5	28.1	18.3	11.8	7.5
Barium	**350**	**400**	**ND-232**	63.3	50.5	77.7	60.8	47.1	49.5	49.5
Beryllium	**7.2**	**47**	**0.32-8.45**	0.45	0.39 J	0.63	0.54	0.45	0.37 J	0.55
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.86 U	0.88 U	0.85 U	0.84 U	0.9 U	0.85 U	0.86 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,300	19,000	8,380	6,030	9,610	14,200	8,450
Chromium	**30***	**1500***	**ND-133**	30.2	38.5	28.9	33.1	45.3	60.7	29.9
Cobalt	**NS**	**NS**	**ND-24.1**	16.2	31.9	13.2	20.3	27	35.7	18.1
Copper	**50**	**270**	**33.3-653**	60.9	44.8	54.4	106	65.1	45.8	41.1
Iron	**NS**	**NS**	**3,620-120,000**	19,800	25,500	18,700	28,600	25,500	26,100	22,800
Lead	**63**	**450**	**ND-729**	225	114	287	163	95.3	83.1	60.5
Magnesium	**NS**	**NS**	**506-53,000**	20,600	55,900	12,100	20,500	47,700	68,100	16,300
Manganese	**1,600**	**2,000**	**17.9-1,060**	351	432	326	483	404	470	332
Mercury	**0.18**	**0.73**	**ND-0.57**	1.5	0.59	0.71	0.31	0.44	0.44	0.36
Nickel	**30**	**130**	**20.7-464**	257	639	351	289	555	708	250
Potassium	**NS**	**NS**	**186-2,250**	1,150	1,280	1,670	1,430	1,270	1,490	1,240
Selenium	**3.9**	**4**	**ND-3.4**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Silver	**2**	**8.3**	**ND**	2.2 U	2.2 U	2.1 U	2.1 U	2.3 U	2.1 U	2.1 U
Sodium	**NS**	**NS**	**169-1,430**	402 J	409 J	236 J	373 J	859 J	1,180	335 J
Thallium	**NS**	**NS**	**ND**	4.3 U	4.4 U	4.2 U	4.2 U	4.5 U	4.2 U	4.3 U
Vanadium	**NS**	**NS**	**ND-79**	23.9	25.6	23	27.8	19.4	26.4	25.8
Zinc	**109**	**2,480**	**32.7-736**	127	105	176	143	79.6	67.2	105

† ***Dilution factor varies***

Table 3
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-120-C 460-108135-28 1/27/2016 1/4/10 † 	SP-121A-C 460-108135-29 1/27/2016 4 	SP-122-C 460-108135-31 1/27/2016 1/4 † 	SP-123-C 460-108135-33 1/27/2016 1/4 † 	FB-20160127 460-108135-35 1/27/2016 1 µg/L
Aluminum	**NS**	**NS**	**1,000-9,920**	5,630	5,040	6,780	8,310	200 U
Antimony	**NS**	**NS**	**ND-41.7**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Arsenic	**13**	**16**	**5.4-307**	10.7	16.8	8.9	7.5	15 U
Barium	**350**	**400**	**ND-232**	40.8 J	77.5	70.2	66	200 U
Beryllium	**7.2**	**47**	**0.32-8.45**	0.41 J	0.43 J	0.54	0.57	2 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.93 U	0.88 U	0.9 U	0.87 U	4 U
Calcium	**NS**	**NS**	**97.6-37,200**	10,200	8,570	10,300	9,120	5,000 U
Chromium	**30***	**1500***	**ND-133**	54	32.1	24	30.2	10 U
Cobalt	**NS**	**NS**	**ND-24.1**	32.7	12.7	12.2	11	50 U
Copper	**50**	**270**	**33.3-653**	30	55.8	64.6	63.6	25 U
Iron	**NS**	**NS**	**3,620-120,000**	26,000	18,000	17,000	18,200	150 U
Lead	**63**	**450**	**ND-729**	81.5	131	225	112	10 U
Magnesium	**NS**	**NS**	**506-53,000**	56,900	15,100	8,290	6,790	5,000 U
Manganese	**1,600**	**2,000**	**17.9-1,060**	444	260	267	272	15 U
Mercury	**0.18**	**0.73**	**ND-0.57**	0.37	2	0.41	0.51	0.2 U
Nickel	**30**	**130**	**20.7-464**	813	211	114	77.2	40 U
Potassium	**NS**	**NS**	**186-2,250**	1,270	657 J	1,240	1,800	5,000 U
Selenium	**3.9**	**4**	**ND-3.4**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Silver	**2**	**8.3**	**ND**	2.3 U	2.2 U	2.3 U	2.2 U	10 U
Sodium	**NS**	**NS**	**169-1,430**	309 J	182 J	308 J	616 J	5,000 U
Thallium	**NS**	**NS**	**ND**	4.6 U	4.4 U	4.5 U	4.4 U	20 U
Vanadium	**NS**	**NS**	**ND-79**	18.5	29.6	28.2	28.5	50 U
Zinc	**109**	**2,480**	**32.7-736**	76.6	98.2	158	117	30 U

† ***Dilution factor varies***

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-108-C 460-108135-2 1/27/2016	SP-DUP-1 460-108135-3 1/27/2016	SP-109-C 460-108135-5 1/27/2016	SP-DUP-2 460-108135-6 1/27/2016	SP-110-C 460-108135-8 1/27/2016	SP-111-C 460-108135-10 1/27/2016	SP-112-C 460-108135-12 1/27/2016
Aroclor 1016	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1221	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1232	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1242	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1248	NS	NS	ND-240	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1254	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1260	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1262	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Aroclor 1268	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Polychlorinated biphenyls, Total	100	1,000	NA	79 U	77 U	81 U	79 U	80 U	84 U	82 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDE	3.3	17,000	ND-42	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
4,4'-DDT	3.3	47,000	ND-96	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Aldrin	5	190	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
alpha-BHC	20	20	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U
delta-BHC	40	250	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin	14	60	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin aldehyde	NS	NS	NA	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Endrin ketone	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
gamma-BHC (Lindane)	100	100	ND	2.3 U	2.3 U	2.4 U	2.4 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Heptachlor epoxide	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Methoxychlor	NS	NS	ND	7.9 U	7.7 U	8.1 U	7.9 U	8 U	8.4 U	8.2 U
Toxaphene	NS	NS	ND	79 U	77 U	81 U	79 U	80 U	84 U	82 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-113-C 460-108135-14 1/27/2016	SP-114-C 460-108135-16 1/27/2016	SP-115-C 460-108135-18 1/27/2016	SP-116-C 460-108135-20 1/27/2016	SP-117-C 460-108135-22 1/27/2016	SP-118-C 460-108135-24 1/27/2016	SP-119-C 460-108135-26 1/27/2016
Aroclor 1016	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1221	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1232	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1242	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1248	NS	NS	ND-240	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1254	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1260	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1262	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Aroclor 1268	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Polychlorinated biphenyls, Total	100	1,000	NA	82 U	82 U	84 U	78 U	81 U	84 U	80 U
Total Conc	NS	NS	NA	0	0	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg							
4,4'-DDD	3.3	14,000	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDE	3.3	17,000	ND-42	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
4,4'-DDT	3.3	47,000	ND-96	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Aldrin	5	190	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
alpha-BHC	20	20	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
beta-BHC	36	90	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Chlordane (technical)	NS	2,900	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U
delta-BHC	40	250	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Dieldrin	5	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin	14	60	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin aldehyde	NS	NS	NA	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Endrin ketone	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
gamma-BHC (Lindane)	100	100	ND	2.4 U	2.4 U	2.5 U	2.3 U	2.4 U	2.5 U	2.4 U
Heptachlor	42	380	ND-61	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Heptachlor epoxide	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Methoxychlor	NS	NS	ND	8.2 U	8.2 U	8.4 U	7.8 U	8.1 U	8.4 U	8 U
Toxaphene	NS	NS	ND	82 U	82 U	84 U	78 U	81 U	84 U	80 U

Table 4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Dilution Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-120-C 460-108135-28 1/27/2016	SP-121A-C 460-108135-29 1/27/2016	SP-122-C 460-108135-31 1/27/2016	SP-123-C 460-108135-33 1/27/2016	FB-20160127 460-108135-35 1/27/2016 µg/L
Aroclor 1016	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1221	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1232	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1242	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1248	NS	NS	ND-240	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1254	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1260	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1262	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Aroclor 1268	NS	NS	ND	83 U	81 U	81 U	77 U	0.4 U
Polychlorinated biphenyls, Total	100	1,000	NA	83 U	81 U	81 U	77 U	0.4 U
Total Conc	NS	NS	NA	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg					
4,4'-DDD	3.3	14,000	ND-61	8.3 U	8.1 U	8.1 U	2.3 J	0.02 U
4,4'-DDE	3.3	17,000	ND-42	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
4,4'-DDT	3.3	47,000	ND-96	8.3 U	8.1 U	8.1 U	19	0.02 U
Aldrin	5	190	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
alpha-BHC	20	20	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
beta-BHC	36	90	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Chlordane (technical)	NS	2,900	ND	83 U	81 U	81 U	77 U	0.5 U
delta-BHC	40	250	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Dieldrin	5	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Endosulfan I	2,400 TS	102,000 TS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin	14	60	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin aldehyde	NS	NS	NA	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Endrin ketone	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
gamma-BHC (Lindane)	100	100	ND	2.5 U	2.4 U	2.4 U	2.3 U	0.02 U
Heptachlor	42	380	ND-61	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Heptachlor epoxide	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Methoxychlor	NS	NS	ND	8.3 U	8.1 U	8.1 U	7.7 U	0.02 U
Toxaphene	NS	NS	ND	83 U	81 U	81 U	77 U	0.5 U

Tables 1-4
NY Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

ND : No Detect

NA : Not applicable

U / U* : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

TS : Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) : Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are not marked.

Site Background Ranges : Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note : When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.

*** :** Trivalent chromium standard

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

µg/kg : micrograms per kilogram = parts per billion (ppb)

µg/L : micrograms per Liter = parts per billion (ppb)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2
47-40 21st Street, Long Island City, NY 11101
P: (718) 482-4995
www.dec.ny.gov

VIA EMAIL

April 6, 2016

Marcus Simons
Senior Vice President
AKRF Engineering, P.C.
440 Park Avenue South, 7th Floor
New York, NY 10016

Re: Ballpark at St. George Station – NYSDEC VCP Site #V00228
Soil Reuse and Sampling Plan Approval

Dear Mr. Simons:

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Soil Reuse and Sampling Plan Approval Request letter dated April 4, 2016, which was prepared by AKRF Engineering, P.C. on behalf of NY Wheel LLC. The letter outlines the proposed reuse scenarios for the approximately 15,000 cubic yard stockpile of excavated soil, represented by 16 samples. The reuse scenarios outlined accurately reflect our discussions, are hereby approved and authorization is hereby granted for the site work as described in it.

Please note that the P.E. of record must certify in the Construction Completion Report that all soil was properly tested and meets the reuse criteria specified in the Site Management Plan.

NY Wheel and its contractors are solely responsible for safe execution of all work performed during the approved activity. Furthermore, NY Wheel and its contractors are solely responsible for the implementation of all required, appropriate, or necessary health and safety measures during the performance of work under the approved reuse scenarios.

If you have any further questions please call me at 718-482-7778.

Very Truly Yours,

N. Crawford

Nigel N. Crawford, P.E.
NYSDEC Region 2

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

cc: J. O'Connell - NYSDEC
S. Selmer - NYSDOH
A. Bychkov, R. Caravella, M. Lapin - AKRF

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May 25, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse Approval Request

Dear Mr. Crawford:

This letter addresses three temporary stockpiles (approximately 1,000 cubic yards each) at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site. Two of these stockpiles were consist of soil excavated from the Garage footprint: the stockpile corresponding to samples SP-124 and SP-127, and the stockpile corresponding to sample SP-125. The third stockpile, corresponding to sample SP-126 and its duplicate SP-128, consists of soil excavated from the Terminal Building footprint.

The majority of soil from these stockpiles will be reused proximate to where they were excavated, however, some soil is planned to be reused elsewhere on the Site. As such, in accordance with the Site Management Plan (SMP) (AKRF, February 2015), on May 13, 2016, these stockpiles were sampled for potential reuse below the future building foundations or other Site cap. This letter contains the laboratory analytical data for your review and requests approval of on-site reuse.

Sample frequency was determined by Table 6 of the SMP, as modified by your November 4, 2015 email approving a lower frequency of sampling for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Three grab samples were collected for volatile organic compounds (VOCs) analysis; three 5-point composite samples were collected for semi-volatile organic compounds (SVOCs) analysis; and four 5-point composite samples were collected for pesticides, polychlorinated biphenyls (PCBs), and TAL Metals analysis. In addition, for QA/QC purposes, duplicates of grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), and a trip blank were collected. Sample SP-128-G was a duplicate of SP-126-G (G= grab sample), and sample SP-128-C was a duplicate of SP-126-C (C= composite sample). The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID), during excavation and during stockpile sampling, but no elevated readings were detected.

In accordance with the SMP, the data was compared to previously measured Site background levels (BLs) obtained during investigations in 1998-99, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) (Table 5 of the SMP).

The following is a breakdown of the proposed reuse scenarios for the approximately 3,000 cubic yards of soil:

- One sample (SP-124) did not exhibit exceedances of BLs for SVOCs. This sample only exhibited an exceedance of BLs for silver, detected at approximately 1.3 parts per million (ppm), above the BL of "non-detectable." Silver is of relatively low concern for toxicity and the concentration was well below its 6 NYCRR Part 375 Commercial Use Soil Cleanup Objective (CSCO – 1,500 ppm) and Protection of Groundwater Soil Cleanup Objective (PGSCO - 8.3 ppm). One additional sample from the same stockpile (SP-127) was analyzed only for pesticides, PCBs and TAL Metals, and similarly only exhibited an exceedance of BLs for silver (also approximately 1.3 ppm). Soil represented by these samples is proposed to be reused within the Ballpark at St. George Station Site (V-00228), beneath the final cap (either pervious or impervious).
- One sample (SP-125) exhibited exceedances of BLs for dibenzofuran (detected at 0.83 ppm, only slightly above the BL of 0.76 ppm), and silver (detected at approximately 0.82 ppm), both of which were well below CSCOs and PGSCOs. Soil represented by this sample is proposed to be reused within the Ballpark at St. George Station Site (V-00228), beneath the final cap (either pervious or impervious).
- One sample (SP-126/SP-128) exhibited exceedances of BLs for four SVOCs (2-methylphenol, 4-methylphenol, naphthalene, and phenol), which were detected at concentrations ranging from approximately 1.3 to 8.4 ppm. Three of these SVOCs (the phenols) also exceeded their PGSCOs of 0.33 ppm, but not their CSCOs of 500 ppm. In addition, SP-126/SP-128 contained mercury at concentrations up to 1 ppm, exceeding the BL of 0.57 ppm, its PGSCO of 0.73 ppm, but not its CSCO of 2.8 ppm. Given the exceedance of the PGSCO, this soil is proposed to be reused only under impervious portions of the final cap.

The laboratory analytical results are summarized on the attached Tables 1 to 4, with exceedances of BLs highlighted in gray. Complete laboratory analytical data is included as *Attachment A*.

Please let us know whether the above is acceptable.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

M:\AKRF Project Files\11568 - NY Wheel\Construction Oversight\Under the Cap Soil - Waste Characterization\Temp Stockpiles\NY Wheel_Soil Reuse Request_052416.doc

cc: Asya Bychkov, Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC

Table 1
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-124 G 460-113778-1 5/13/2016	SP-125 G 460-113778-3 5/13/2016	SP-126 G 460-113778-5 5/13/2016	SP-128-G 460-113778-8 5/13/2016	TB 460-113778-10 5/13/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,1-Dichloroethane	270	270	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,1-Dichloroethene	330	330	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2-Dichloroethane	20	20	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
1,4-Dioxane	100	100	ND	32 U	49 U	35 U	38 U	50 U
2-Butanone (MEK)	120	120	ND-22	8 U	12 U	8.8 U	9.4 U	5 U
2-Hexanone	NS	NS	ND-20	8 U	12 U	8.8 U	9.4 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	8 U	12 U	8.8 U	9.4 U	5 U
Acetone	50	50	ND-57	8 U	11 J	8.8 U	9.4 U	5 U
Benzene	60	60	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Bromoform	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Bromomethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Carbon disulfide	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Carbon tetrachloride	760	760	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chlorobenzene	1,100	1,100	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chlorobromomethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chlorodibromomethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chloroethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chloroform	370	370	ND-10	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Chloromethane	NS	NS	ND	1.6 U *	2.4 U *	1.8 U *	1.9 U *	1 U
cis-1,2-Dichloroethene	250	250	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Cyclohexane	NS	NS	NA	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Dichlorobromomethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.6 U *	2.4 U *	1.8 U *	1.9 U *	1 U
Ethylbenzene	1,000	1,000	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Ethylene Dibromide	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Isopropylbenzene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Methyl acetate	NS	NS	NA	8 U	12 U	8.8 U	9.4 U	5 U
Methyl tert-butyl ether	930	930	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Methylcyclohexane	NS	NS	NA	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Methylene Chloride	50	50	ND-98	1.6 U	11	1.8 U	1.9 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.6 U	2.4 U	1.8 U	1.9 U	1 U
o-Xylene	260 TS	1,600 TS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Styrene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Toluene	700	700	ND-7	1.6 U	2.4 U	1.8 U	1.9 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Trichloroethene	470	470	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.6 U	2.4 U	1.8 U	1.9 U	1 U
Vinyl chloride	20	20	ND	1.6 U *	2.4 U *	1.8 U *	1.9 U *	1 U
Total Conc	NS	NS	NA	0	22	0	0	0

Table 2
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-124 C 460-113778-2 5/13/2016 1	SP-125 C 460-113778-4 5/13/2016 5	SP-126 C 460-113778-6 5/13/2016 2	SP-128-C 460-113778-9-DL 5/13/2016 10
1,1'-Biphenyl	NS	NS	ND	64 J	1,800 U	150 J	680 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	350 U	1,800 U	740 U	3,700 U
2,4,5-Trichlorophenol	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2,4,6-Trichlorophenol	NS	NS	ND	140 U	720 U	300 U	1,500 U
2,4-Dichlorophenol	NS	NS	ND	140 U	720 U	300 U	1,500 U
2,4-Dimethylphenol	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2,4-Dinitrophenol	NS	NS	ND	290 U	1,400 U	600 U	3,000 U
2,4-Dinitrotoluene	NS	NS	ND	72 U	360 U	150 U	750 U
2,6-Dinitrotoluene	NS	NS	ND	72 U	360 U	150 U	750 U
2-Chloronaphthalene	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2-Chlorophenol	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2-Methylnaphthalene	NS	NS	ND-950	240 J	280 J	570 J	6,300
2-Methylphenol	330	330	ND	350 U	1,800 U	740 U	**1,300 J**
2-Nitroaniline	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
2-Nitrophenol	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
3,3'-Dichlorobenzidine	NS	NS	ND	140 U	720 U	300 U	1,500 U
3-Nitroaniline	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	290 U	1,400 U	600 U	3,000 U
4-Bromophenyl phenyl ether	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4-Chloro-3-methylphenol	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4-Chloroaniline	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4-Chlorophenyl phenyl ether	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4-Methylphenol	330	330	ND-65	12 J	1,800 U	740 U	**2,200 J**
4-Nitroaniline	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
4-Nitrophenol	NS	NS	ND	720 U	3,600 U	1,500 U	7,500 U
Acenaphthene	20,000	98,000	ND-5,100	260 J	1,300 J	630 J	670 J
Acenaphthylene	100,000	107,000	ND-790	94 J	280 J	150 J	3,700 U
Acetophenone	NS	NS	ND	32 J	1,800 U	27 J	3,700 U
Anthracene	100,000	500,000	ND-14,000	550	2,900	1,100	470 J
Atrazine	NS	NS	NA	140 U	720 U	300 U	1,500 U
Benzaldehyde	NS	NS	NA	32 J	1,800 U	740 U	3,700 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	**1,400**	**7,200**	**3,600**	860
Benzo[a]pyrene	1,000	1,000	ND-31,000	**1,400**	**6,800**	**3,400**	**1,100**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**2,200**	**10,000**	**4,900**	**3,300**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	350	2,000	1,400	740 J
Benzo[k]fluoranthene	800	1,700	ND-36,000	800	**3,800**	**2,200**	1,200
Bis(2-chloroethoxy)methane	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
Bis(2-chloroethyl)ether	NS	NS	ND	35 U	180 U	74 U	370 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	90 J	1,800 U	740 U	3,700 U
Butyl benzyl phthalate	NS	NS	ND-3,900	350 U	1,800 U	740 U	3,700 U
Caprolactam	NS	NS	NA	350 U	1,800 U	740 U	3,700 U
Carbazole	NS	NS	ND-10,000	220 J	1,600 J	560 J	3,700 U
Chrysene	1,000	1,000	ND-48,000	**1,600**	**7,700**	**4,100**	**1,200 J**
Dibenz(a,h)anthracene	330	560	ND-5,200	130	**820**	440	370 U
Dibenzofuran	7,000	210,000	ND-760	260 J	830 J	530 J	500 J
Diethyl phthalate	NS	NS	ND-710	350 U	1,800 U	740 U	3,700 U
Dimethyl phthalate	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
Di-n-butyl phthalate	NS	NS	ND-150	29 J	1,800 U	740 U	3,700 U
Di-n-octyl phthalate	NS	NS	ND-160	350 U	1,800 U	740 U	3,700 U
Fluoranthene	100,000	500,000	ND-89,000	3,400	22,000	8,400	2,800 J
Fluorene	30,000	386,000	ND-5,800	300 J	1,600 J	550 J	890 J
Hexachlorobenzene	330	3,200	ND	35 U	180 U	74 U	370 U
Hexachlorobutadiene	NS	NS	ND	72 U	360 U	150 U	750 U
Hexachlorocyclopentadiene	NS	NS	ND	350 U	1,800 U	740 U	3,700 U
Hexachloroethane	NS	NS	ND	35 U	180 U	74 U	370 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	510	2,900	1,700	1,100
Isophorone	NS	NS	ND-280	20 J	720 U	300 U	22,000
Naphthalene	12,000	12,000	ND-1,300	360	340 J	1,300	8,400
Nitrobenzene	NS	NS	ND	35 U	180 U	74 U	370 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	35 U	180 U	74 U	370 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	350 U	1,800 U	740 U	3,700 U
Pentachlorophenol	800	800	ND-110	290 U	1,400 U	600 U	3,000 U
Phenanthrene	100,000	500,000	ND-49,000	1,900	9,800	4,200	2,300 J
Phenol	330	330	ND	350 U	1,800 U	740 U	**2,800 J**
Pyrene	100,000	500,000	ND-100,000	1,800	9,600	4,300	950 J
Total Conc	NS	NS	NA	18,053	91,750	44,207	61,760

Table 3
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-124 C 460-113778-2 5/13/2016 1/4 †	SP-125 C 460-113778-4 5/13/2016 1/4 †	SP-126 C 460-113778-6 5/13/2016 1/4 †	SP-127-C 460-113778-7 5/13/2016 1/4 †	SP-128-C 460-113778-9 5/13/2016 2/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	6,830	5,960	4,550	7,130	4,520
Antimony	**NS**	**NS**	**ND-41.7**	3.9 U	1.8 J	3 J	1.5 J	2.6 J
Arsenic	**13**	**16**	**5.4-307**	15.4	11	**79.4**	**20.9**	**83**
Barium	**350**	**400**	**ND-232**	69.5	63.5	128	73.8	136
Beryllium	**7.2**	**47**	**0.32-8.45**	0.6	0.42 U	0.43 U	0.46	0.41 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.79 U	0.85 U	0.85 U	0.78 U	0.82 U
Calcium	**NS**	**NS**	**97.6-37,200**	18,500	20,400	10,700	14,700	22,100
Chromium	**30*** **	**19**	**ND-133**	**27.9**	**22.6**	**19.9**	**23.7**	**19.8**
Cobalt	**NS**	**NS**	**ND-24.1**	10.2	6.1 J	7.4 J	10	8.3 J
Copper	**50**	**270**	**33.3-653**	95.3	51.7	144	81.5	160
Iron	**NS**	**NS**	**3,620-120,000**	22,400	12,600	25,600	22,900	29,700
Lead	**63**	**450**	**ND-729**	192	256	302	193	412
Magnesium	**NS**	**NS**	**506-53,000**	6,490	5,910	3,910	5,450	4,400
Manganese	**1,600**	**2,000**	**17.9-1,060**	340	233	283	330	309
Mercury	**0.18**	**0.73**	**ND-0.57**	0.29	0.19	**0.83**	0.42	**1**
Nickel	**30**	**130**	**20.7-464**	74.4	42.9	52.7	64.6	64
Potassium	**NS**	**NS**	**186-2,250**	902 J	650 J	684 J	817 J	641 J
Selenium	**3.9**	**4**	**ND-3.4**	3.9 U	4.2 U	1.7 J	3.9 U	2 J
Silver	**2**	**8.3**	**ND**	1.3 J	0.82 J	0.85 J	1.3 J	0.92 J
Sodium	**NS**	**NS**	**169-1,430**	545 J	543 J	479 J	568 J	457 J
Thallium	**NS**	**NS**	**ND**	3.9 U	4.2 U	4.3 U	3.9 U	4.1 U
Vanadium	**NS**	**NS**	**ND-79**	33.1	63.7	33.9	41.8	31.6
Zinc	**109**	**2,480**	**32.7-736**	136	174	186	142	170

† ***Dilution factor varies***

Table 4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-124 C 460-113778-2 5/13/2016	SP-125 C 460-113778-4 5/13/2016	SP-126 C 460-113778-6 5/13/2016	SP-127-C 460-113778-7 5/13/2016	SP-128-C 460-113778-9 5/13/2016
Aroclor 1016	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1221	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1232	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1242	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1248	NS	NS	ND-240	72 U	73 U	75 U	73 U	74 U
Aroclor 1254	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1260	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor-1262	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Aroclor 1268	NS	NS	ND	72 U	73 U	75 U	73 U	74 U
Polychlorinated biphenyls, Total	100	1,000	NA	72 U	73 U	75 U	73 U	74 U
Total Conc	NS	NS	NA	0	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg					
4,4'-DDD	3.3	14,000	ND-61	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
4,4'-DDE	3.3	17,000	ND-42	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
4,4'-DDT	3.3	47,000	ND-96	7.2 U	7.3 U	20	7.3 U	8.3
Aldrin	5	190	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
alpha-BHC	20	20	ND	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U
beta-BHC	36	90	ND	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U
Chlordane (technical)	NS	2,900	ND	72 U	73 U	75 U	73 U	75 U
delta-BHC	40	250	ND	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U
Dieldrin	5	100	ND	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U
Endosulfan I	2,400 TS	102,000 TS	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Endrin	14	60	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Endrin aldehyde	NS	NS	NA	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Endrin ketone	NS	NS	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
gamma-BHC (Lindane)	100	100	ND	2.1 U	2.2 U	2.2 U	2.2 U	2.2 U
Heptachlor	42	380	ND-61	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Heptachlor epoxide	NS	NS	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Methoxychlor	NS	NS	ND	7.2 U	7.3 U	7.5 U	7.3 U	7.5 U
Toxaphene	NS	NS	ND	72 U	73 U	75 U	73 U	75 U

Tables 1-4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS	:	No soil cleanup objective listed.
ND	:	No Detect
NA	:	Not applicable
U / U*	:	The analyte was not detected at the indicated concentration.
J	:	The concentration given is an estimated value.
TS	:	Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives	:	Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP)	:	Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.
Site Background Ranges	:	Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 Lowest of Commercial / Groundwater are highlighted in bold font.
Exceedences of Site Background Ranges are highlighted in gray.

Note	:	When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.
*******	:	Standard reflects trivalent, not total, Chromium.
mg/kg	:	milligrams per kilogram = parts per million (ppm)
µg/kg	:	micrograms per kilogram = parts per billion (ppb)
µg/L	:	micrograms per Liter = parts per billion (ppb)

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Friday, June 03, 2016 4:45 PM
To: Asya Bychkov
Cc: O'Connell, Jane H (DEC)
Subject: RE: NY Wheel (V00228) soil reuse request

Asya: It is OK to use soil from the pile which sample 126 and duplicate sample 128 were taken for backfill under the concrete terminal Building slab. It is understood that this pile consists of soil excavated from the Terminal Building footprint. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Friday, June 03, 2016 9:25 AM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Subject: Re: NY Wheel (V00228) soil reuse request

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Nigel,

Could you please let me know today whether it's OK to reuse this soil under the concrete Terminal Building slab? They're getting very close to needing to use this soil and need an answer ASAP.

Also, Will told me you're planning to be on site Tuesday instead. Brian McGrattan will be there that day. I think you already have his number, but here it is just in case: 301-704-5198.

Thanks!
Asya

On Wed, May 25, 2016 at 3:29 PM, Asya Bychkov <abychkov@akrf.com> wrote:

> Nigel,
>
> Please see the attached reuse request for approximately 3,000 cubic yards of soil excavated at the NY Wheel site. These are relatively new stockpiles (not the soil that is located on Bank Street). The laboratory report is posted at the link below because it's a large file. Please let me know if the proposed reuse is acceptable. Give me a call if you have any questions!
>
> Thanks!
>
> Asya

AKRF WebFolders LogOn Instructions

Below are instructions for securely sending/receiving large files for project via AKRF's Extranet:

Click on (or otherwise navigate to): https://nyctransfer.akrf.com

Login with credentials:

Username: **NYwheelV00228**
Password: **Soilreuse021616**
[Please Note: Username and Password are cAsE sEnsItive]

A window should appear where you can:

Select extranet files to transfer to your computer; or

Select files on your computer to transfer to the extranet.

Notes:

As of 7/1/14: Files stored on AKRF's WebFolders system are available for thirty days only, based on the date they were uploaded.

WebFolders works best with the latest version of your web browser. If you are using an older web browser or a mobile phone, you may have trouble using the "full version" of the site: After a successful login, try the "View Lite Version" link at the bottom of the page.

If you are having trouble, contact your IT department. For password issues, contact AKRF's IT Help Desk (646) 388-9729 or email us.

This site can also be reached from http://www.akrf.com

(on the top menu, select "extranet" --> clients).

--
Asya Bychkov, P.E.
Environmental Engineer
.....

AKRF, INC.
Environmental, Planning, and Engineering Consultants

440 Park Ave South, 7th Floor | New York, NY 10016
P) 646.388.9533 | F) 212.726.0942

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Tuesday, June 07, 2016 10:23 AM
To: Asya Bychkov; Ashutosh Sharma
Cc: Robert Caravella; Michelle Lapin; Marcus Simons
Subject: RE: NY Wheel V-00228 Daily Report

Asya: The stockpiles reflected by samples SP-125 and SP-127/SP-124 may be used under the concrete terminal foundation. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Monday, June 06, 2016 1:04 PM
To: Ashutosh Sharma <asharma@akrf.com>; Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: Robert Caravella <rcaravella@akrf.com>; Michelle Lapin <mlapin@akrf.com>; Marcus Simons <msimons@akrf.com>
Subject: RE: NY Wheel V-00228 Daily Report

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Nigel,

Please find attached the daily report for June 2, 2016.

Sorry I keep asking about this, but please let me know whether stockpiles SP-125 and SP-127/SP-124 (both from the Garage area) can be reused under the Terminal foundation, when you have the chance!

Thanks,
Asya

--

Asya Bychkov, P.E.
Environmental Engineer
.....

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fax: 212 213-3191
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June 29, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse Approval Request

Dear Mr. Crawford:

This letter addresses an approximately 500-cubic yard soil stockpile at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site. This stockpile consists of soil excavated from the ramp area immediately west of the Garage.

The soil from this stockpile is proposed to be reused under the concrete Garage foundation. As such, in accordance with the Site Management Plan (SMP) (AKRF, February 2015), on June 17, 2016, this stockpile was sampled for potential reuse below the future building foundations. Attached is the laboratory analytical data for your review and this letter requests approval of on-site reuse.

Sample frequency was determined by Table 6 of the SMP, as modified by your November 4, 2015 email approving a lower frequency of sampling for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). One grab sample (SP-129-Grab) was collected for VOC analysis; one 5-point composite (SP-129-Composite) for SVOC analysis; and two 5-point composites (SP-129-Composite and SP-131-Composite) for pesticide, polychlorinated biphenyl (PCB), and TAL Metals analysis. In addition, for QA/QC purposes, duplicates of grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), and a trip blank were collected and analyzed. Sample SP-130-Grab was a duplicate of SP-129-Grab, and sample SP-130-Composite was a duplicate of SP-129-Composite. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID) during excavation and during stockpile sampling, but no elevated readings were detected.

In accordance with the SMP, the data was compared to previously measured Site background levels (BLs) obtained during investigations in 1998-99, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) (Table 5 of the SMP).

The laboratory analytical results are summarized on the attached Tables 1 to 4. Complete laboratory analytical data is included as *Attachment A*. There were no exceedances of BLs.

Concentrations of arsenic in the samples ranged from 30.2 to 35.2 parts per million (ppm) and chromium levels ranged from 25.4 to 47.2 ppm, The arsenic levels exceeded the 6 NYCRR Part 375 Protection of Groundwater Soil Cleanup Objective (PGSCO) and Commercial Use Soil Cleanup Objective (CSCO), which are both 16 ppm, and the chromium levels exceeded the PGSCO (19 ppm), but not the CSCO (400 ppm). No other exceedances of PGSCOs or CSCOs were identified.

The stockpile represented by samples SP-129, SP-130 and SP-131 is proposed to be reused within the Ballpark at St. George Station Site (V-00228), beneath the concrete building foundations for the Garage and/or Terminal buildings. Please confirm that the above is acceptable.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

M:\AKRF Project Files\11568 - NY Wheel\Construction Oversight\Under the Cap Soil - Waste Characterization\JCC Stockpile\NY Wheel_Soil Reuse Request_062716.doc

cc: Asya Bychkov, Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC
Stephanie Selmer / NYSDOH

Table 1
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-129-Grab 460-115613-1 6/17/2016	SP-130-Grab 460-115613-3 6/17/2016	Trip Blank 460-115613-6 6/17/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.8 U	1.9 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.8 U	1.9 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.8 U	1.9 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.8 U	1.9 U	1 U
1,1-Dichloroethane	270	270	ND	1.8 U	1.9 U	1 U
1,1-Dichloroethene	330	330	ND	1.8 U	1.9 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.8 U	1.9 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.8 U	1.9 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.8 U	1.9 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.8 U	1.9 U	1 U
1,2-Dichloroethane	20	20	ND	1.8 U	1.9 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.8 U	1.9 U	50 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.8 U	1.9 U	5 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.8 U	1.9 U	5 U
1,4-Dioxane	100	100	ND	37 U	37 U	5 U
2-Butanone (MEK)	120	120	ND-22	9.2 U	9.3 U	5 U
2-Hexanone	NS	NS	ND-20	9.2 U	9.3 U	1 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	9.2 U	9.3 U	1 U
Acetone	50	50	ND-57	9.2 U	9.3 U	1 U
Benzene	60	60	ND	1.8 U	1.9 U	1 U
Bromoform	NS	NS	ND	1.8 U	1.9 U	1 U
Bromomethane	NS	NS	ND	1.8 U	1.9 U	1 U
Carbon disulfide	NS	NS	ND	1.8 U	1.9 U	1 U
Carbon tetrachloride	760	760	ND	1.8 U	1.9 U	1 U
Chlorobenzene	1,100	1,100	ND	1.8 U	1.9 U	1 U
Chlorobromomethane	NS	NS	ND	1.8 U	1.9 U	1 U
Chlorodibromomethane	NS	NS	ND	1.8 U	1.9 U	1 U
Chloroethane	NS	NS	ND	1.8 U	1.9 U	1 U
Chloroform	370	370	ND-10	1.8 U	1.9 U	1 U
Chloromethane	NS	NS	ND	1.8 U	1.9 U	1 U
cis-1,2-Dichloroethene	250	250	ND	1.8 U	1.9 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.8 U	1.9 U	1 U
Cyclohexane	NS	NS	NA	1.8 U	1.9 U	1 U
Dichlorobromomethane	NS	NS	ND	1.8 U	1.9 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.8 U	1.9 U	1 U
Ethylbenzene	1,000	1,000	ND	1.8 U	1.9 U	5 U
Ethylene Dibromide	NS	NS	ND	1.8 U	1.9 U	1 U
Isopropylbenzene	NS	NS	ND	1.8 U	1.9 U	1 U
Methyl acetate	NS	NS	NA	9.2 U	9.3 U	1 U
Methyl tert-butyl ether	930	930	ND	1.8 U	1.9 U	1 U
Methylcyclohexane	NS	NS	NA	1.8 U	1.9 U	1 U
Methylene Chloride	50	50	ND-98	1.8 U	1.9 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.8 U	1.9 U	1 U
o-Xylene	261 TS	1,600 TS	ND	1.8 U	1.9 U	1 U
Styrene	NS	NS	ND	1.8 U	1.9 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.8 U	1.9 U	1 U
Toluene	700	700	ND-7	1.8 U	1.9 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.8 U	1.9 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.8 U	1.9 U	1 U
Trichloroethene	470	470	ND	1.8 U	1.9 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.8 U	1.9 U	1 U
Vinyl chloride	20	20	ND	1.8 U	1.9 U	1 U
Total Conc	NS	NS	NA	0	0	0

Table 2
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-129-Composite 460-115613-2 6/17/2016 2	SP-130-Composite 460-115613-4 6/17/2016 1
1,1'-Biphenyl	NS	NS	ND	66 J	90 J
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	700 U	350 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	700 U	350 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	700 U	350 U
2,4,5-Trichlorophenol	NS	NS	ND	700 U	350 U
2,4,6-Trichlorophenol	NS	NS	ND	280 U	140 U
2,4-Dichlorophenol	NS	NS	ND	280 U	140 U
2,4-Dimethylphenol	NS	NS	ND	700 U	350 U
2,4-Dinitrophenol	NS	NS	ND	570 U	280 U
2,4-Dinitrotoluene	NS	NS	ND	140 U	71 U
2,6-Dinitrotoluene	NS	NS	ND	140 U	71 U
2-Chloronaphthalene	NS	NS	ND	700 U	350 U
2-Chlorophenol	NS	NS	ND	700 U	350 U
2-Methylnaphthalene	NS	NS	ND-950	380 J	370
2-Methylphenol	330	330	ND	700 U	350 U
2-Nitroaniline	NS	NS	ND	700 U	350 U
2-Nitrophenol	NS	NS	ND	700 U	350 U
3,3'-Dichlorobenzidine	NS	NS	ND	280 U	140 U
3-Nitroaniline	NS	NS	ND	700 U	350 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	570 U	280 U
4-Bromophenyl phenyl ether	NS	NS	ND	700 U	350 U
4-Chloro-3-methylphenol	NS	NS	ND	700 U	350 U
4-Chloroaniline	NS	NS	ND	700 U	350 U
4-Chlorophenyl phenyl ether	NS	NS	ND	700 U	350 U
4-Methylphenol	330	330	ND-65	700 U	15 J
4-Nitroaniline	NS	NS	ND	700 U	350 U
4-Nitrophenol	NS	NS	ND	1,400 U	710 U
Acenaphthene	20,000	98,000	ND-5,100	160 J	200 J
Acenaphthylene	100,000	107,000	ND-790	56 J	59 J
Acetophenone	NS	NS	ND	48 J	31 J
Anthracene	100,000	500,000	ND-14,000	290 J	360
Atrazine	NS	NS	NA	280 U	140 U
Benzaldehyde	NS	NS	NA	700 U	350 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	750	780
Benzo[a]pyrene	1,000	1,000	ND-31,000	740	760
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	1,100	1,100
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	810	720
Benzo[k]fluoranthene	800	1,700	ND-36,000	390	410
Bis(2-chloroethoxy)methane	NS	NS	ND	700 U	350 U
Bis(2-chloroethyl)ether	NS	NS	ND	70 U	35 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	700 U	65 J
Butyl benzyl phthalate	NS	NS	ND-3,900	46 J	23 J
Caprolactam	NS	NS	NA	700 U	350 U
Carbazole	NS	NS	ND-10,000	110 J	130 J
Chrysene	1,000	1,000	ND-48,000	880	970
Dibenz(a,h)anthracene	330	560	ND-5,200	240	220
Dibenzofuran	7,000	210,000	ND-760	210 J	280 J
Diethyl phthalate	NS	NS	ND-710	700 U	350 U
Dimethyl phthalate	NS	NS	ND	700 U	350 U
Di-n-butyl phthalate	NS	NS	ND-150	700 U	350 U
Di-n-octyl phthalate	NS	NS	ND-160	700 U	350 U
Fluoranthene	100,000	500,000	ND-89,000	1,400	1,700
Fluorene	30,000	386,000	ND-5,800	170 J	220 J
Hexachlorobenzene	330	3,200	ND	70 U	35 U
Hexachlorobutadiene	NS	NS	ND	140 U	71 U
Hexachlorocyclopentadiene	NS	NS	ND	700 U	350 U
Hexachloroethane	NS	NS	ND	70 U	35 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	820	830
Isophorone	NS	NS	ND-280	280 U	140 U
Naphthalene	12,000	12,000	ND-1,300	640 J	720
Nitrobenzene	NS	NS	ND	70 U	35 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	70 U	35 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	700 U	350 U
Pentachlorophenol	800	800	ND-110	570 U	280 U
Phenanthrene	100,000	500,000	ND-49,000	1,000	1,200
Phenol	330	330	ND	700 U	350 U
Pyrene	100,000	500,000	ND-100,000	1,300	1,400
Total Conc	NS	NS	NA	11,606	12,653

Table 3
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-129-Composite 460-115613-2 6/17/2016 1/4 † 	SP-130-Composite 460-115613-4 6/17/2016 1/4 † 	SP-131-Composite 460-115613-5 6/17/2016 1/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	5,880	5,240	6,320
Antimony	**NS**	**NS**	**ND-41.7**	3.9 U	4.2 U	4 U
Arsenic	**13**	**16**	**5.4-307**	**32.5**	**30.2**	**35.2**
Barium	**350**	**400**	**ND-232**	80.6	70.7	73.6
Beryllium	**7.2**	**47**	**0.32-8.45**	0.41	0.36 J	0.45
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.78 U	0.84 U	0.81 U
Calcium	**NS**	**NS**	**97.6-37,200**	18,000	16,300	20,400
Chromium	**30***	**19**	**ND-133**	**30.3**	**25.4**	**47.2**
Cobalt	**NS**	**NS**	**ND-24.1**	10.6	8.5 J	10.8
Copper	**50**	**270**	**33.3-653**	95.4	81.4	85.9
Iron	**NS**	**NS**	**3,620-120,000**	22,300	20,100	20,900
Lead	**63**	**450**	**ND-729**	176	144	151
Magnesium	**NS**	**NS**	**506-53,000**	10,700	9,200	8,880
Manganese	**1,600**	**2,000**	**17.9-1,060**	298	285	315
Mercury	**0.18**	**0.73**	**ND-0.57**	0.34	0.32	0.29
Nickel	**30**	**130**	**20.7-464**	116	99.5	108
Potassium	**NS**	**NS**	**186-2,250**	898 J	809 J	806 J
Selenium	**3.9**	**4**	**ND-3.4**	3.9 U	4.2 U	4 U
Silver	**2**	**8.3**	**ND**	2 U	2.1 U	2 U
Sodium	**NS**	**NS**	**169-1,430**	483 J	471 J	502 J
Thallium	**NS**	**NS**	**ND**	3.9 U	4.2 U	4 U
Vanadium	**NS**	**NS**	**ND-79**	26.5	27.5	28.2
Zinc	**109**	**2,480**	**32.7-736**	127	108	110

† ***Dilution factor varies***

Table 4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated Biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-129-Composite 460-115613-2 6/17/2016	SP-130-Composite 460-115613-4 6/17/2016	SP-131-Composite 460-115613-5 6/17/2016
Aroclor 1016	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1221	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1232	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1242	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1248	**NS**	**NS**	**ND-240**	71 U	72 U	71 U
Aroclor 1254	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1260	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1262	**NS**	**NS**	**ND**	71 U	72 U	71 U
Aroclor 1268	**NS**	**NS**	**ND**	71 U	72 U	71 U
Polychlorinated biphenyls, Total	**100**	**1,000**	**NA**	71 U	72 U	71 U
Total Conc	**NS**	**NS**	**NA**	0	0	0

Pesticides - µg/kg	**µg/kg**	**µg/kg**	**µg/kg**			
4,4'-DDD	**3.3**	**14,000**	**ND-61**	1.9 J	7.2 U	3 J
4,4'-DDE	**3.3**	**17,000**	**ND-42**	1.9 J	7.2 U	1.8 J
4,4'-DDT	**3.3**	**47,000**	**ND-96**	2 J	2.4 J	2.4 J
Aldrin	**5**	**190**	**ND**	7.2 U	7.2 U	7.1 U
alpha-BHC	**20**	**20**	**ND**	2.1 U	2.1 U	2.1 U
beta-BHC	**36**	**90**	**ND**	2.1 U	2.1 U	2.1 U
Chlordane (technical)	**NS**	**2,900**	**ND**	72 U	72 U	71 U
delta-BHC	**40**	**250**	**ND**	2.1 U	2.1 U	2.1 U
Dieldrin	**5**	**100**	**ND**	2.1 U	2.1 U	2.1 U
Endosulfan I	**2,400 TS**	**102,000 TS**	**ND**	7.2 U	7.2 U	7.1 U
Endosulfan II	**2,400 TS**	**102,000 TS**	**ND-33**	7.2 U	7.2 U	7.1 U
Endosulfan sulfate	**2,400 TS**	**200,000 TS**	**ND-69**	7.2 U	7.2 U	7.1 U
Endrin	**14**	**60**	**ND**	7.2 U	7.2 U	7.1 U
Endrin aldehyde	**NS**	**NS**	**NA**	7.2 U	7.2 U	7.1 U
Endrin ketone	**NS**	**NS**	**ND**	7.2 U	7.2 U	7.1 U
gamma-BHC (Lindane)	**100**	**100**	**ND**	2.1 U	2.1 U	2.1 U
Heptachlor	**42**	**380**	**ND-61**	7.2 U	7.2 U	7.1 U
Heptachlor epoxide	**NS**	**NS**	**ND**	7.2 U	7.2 U	7.1 U
Methoxychlor	**NS**	**NS**	**ND**	7.2 U	7.2 U	7.1 U
Toxaphene	**NS**	**NS**	**ND**	72 U	72 U	71 U

Tables 1-4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS : No soil cleanup objective listed.

ND : No Detect

NA : Not applicable

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

TS : Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives : Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) : Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are highlighted in bold font.

Site Background Ranges : Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note : When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.

*** :** Trivalent chromium standard

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

µg/kg : micrograms per kilogram = parts per billion (ppb)

µg/L : micrograms per Liter = parts per billion (ppb)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

TestAmerica Job ID: 460-115613-1
Client Project/Site: NY Wheel

For:
AKRF Inc
440 Park Avenue South
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New York, New York 10016

Attn: Ms. Asya Bychkov

Authorized for release by:
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LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.
J	Sample result is greater than the MDL but below the CRDL

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 460-115613-1

Laboratory: TestAmerica Edison

Narrative

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-115613-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 6/17/2016 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Samples SP-129-Grab (460-115613-1) and SP-130-Grab (460-115613-3) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 06/18/2016 and analyzed on 06/23/2016.

The continuing calibration verification (CCV) analyzed in batch 375223 was outside the method criteria for the following analytes: Bromomethane and Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 375365 was outside the method criteria for the following analyte(s): Bromoform (biased low) and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Methylene Chloride was detected in method blank MB 460-375365/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank LB3 460-374467/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. .

Several analytes failed the recovery criteria low for the MS of sample SP-129-GrabMS (460-115613-1) in batch 460-375408. Acetone failed

Job ID: 460-115613-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

the recovery criteria high. For the MSD of sample SP-129-GrabMSD (460-115613-1) in batch 460-375408, Several analytes failed the recovery criteria low. Acetone failed the recovery criteria high. Also, Several analytes exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Sample Trip Blank (460-115613-6) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/22/2016.

No difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES

Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 06/21/2016.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 06/21/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SP-129-Composite (460-115613-2) and SP-130-Composite (460-115613-4) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/20/2016 and analyzed on 06/22/2016.

Several analytes failed the recovery criteria low for the MS/MSD of sample SP-129-CompositeMS/MSD (460-115613-2) in batch 460-375277. Several analytes exceeded the RPD limit.

Refer to the QC report for details.

Sample SP-129-Composite (460-115613-2)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 06/20/2016.

Antimony, Lead and Zinc failed the recovery criteria low for the MS of sample SP-129-CompositeMS (460-115613-2) in batch 460-374817. Aluminum, Copper, Iron and Magnesium failed the recovery criteria high.

Job ID: 460-115613-1 (Continued)

Laboratory: TestAmerica Edison (Continued)

Refer to the QC report for details.

Samples SP-129-Composite (460-115613-2)[4X], SP-130-Composite (460-115613-4)[4X] and SP-131-Composite (460-115613-5)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 06/21/2016.

Mercury failed the recovery criteria high for the MS of sample SP-129-CompositeMS (460-115613-2) in batch 460-375018.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SP-129-Grab (460-115613-1), SP-129-Composite (460-115613-2), SP-130-Grab (460-115613-3), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 06/22/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Client Sample ID: SP-129-Grab
Date Collected: 06/17/16 08:20
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-1
Matrix: Solid
Percent Solids: 91.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.8	U	1.8	0.70	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,1,2,2-Tetrachloroethane	1.8	U	1.8	0.31	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	U	1.8	0.81	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,1,2-Trichloroethane	1.8	U	1.8	0.51	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,1-Dichloroethane	1.8	U	1.8	0.62	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,1-Dichloroethene	1.8	U	1.8	0.75	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,2,3-Trichlorobenzene	1.8	U	1.8	0.20	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,2,4-Trichlorobenzene	1.8	U	1.8	0.59	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,2-Dichloropropane	1.8	U	1.8	0.31	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,3-Dichlorobenzene	1.8	U	1.8	0.22	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,4-Dichlorobenzene	1.8	U	1.8	0.24	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,4-Dioxane	37	U	37	12	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
2-Butanone (MEK)	9.2	U	9.2	1.4	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
2-Hexanone	9.2	U	9.2	1.7	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
4-Methyl-2-pentanone (MIBK)	9.2	U	9.2	4.1	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Acetone	9.2	U	9.2	1.9	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Benzene	1.8	U	1.8	0.37	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Bromoform	1.8	U	1.8	0.24	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Bromomethane	1.8	U	1.8	0.59	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Carbon disulfide	1.8	U	1.8	0.79	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Carbon tetrachloride	1.8	U	1.8	0.79	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chlorobenzene	1.8	U	1.8	0.26	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chlorobromomethane	1.8	U	1.8	0.31	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chlorodibromomethane	1.8	U	1.8	0.28	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chloroethane	1.8	U	1.8	0.64	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chloroform	1.8	U	1.8	0.39	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Chloromethane	1.8	U	1.8	0.70	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
cis-1,2-Dichloroethene	1.8	U	1.8	0.40	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
cis-1,3-Dichloropropene	1.8	U	1.8	0.28	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Cyclohexane	1.8	U	1.8	0.84	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Dichlorobromomethane	1.8	U	1.8	0.70	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Dichlorodifluoromethane	1.8	U	1.8	0.59	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Ethylbenzene	1.8	U	1.8	0.33	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Ethylene Dibromide	1.8	U	1.8	0.22	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Isopropylbenzene	1.8	U	1.8	0.31	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Methyl acetate	9.2	U	9.2	1.7	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Methyl tert-butyl ether	1.8	U	1.8	0.31	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Methylcyclohexane	1.8	U	1.8	0.92	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Methylene Chloride	1.8	U	1.8	0.59	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
m-Xylene & p-Xylene	1.8	U	1.8	0.20	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
o-Xylene	1.8	U	1.8	0.29	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Styrene	1.8	U	1.8	0.28	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Tetrachloroethene	1.8	U	1.8	0.51	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Toluene	1.8	U	1.8	0.35	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
trans-1,2-Dichloroethene	1.8	U	1.8	0.72	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
trans-1,3-Dichloropropene	1.8	U	1.8	0.18	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Trichloroethene	1.8	U	1.8	0.48	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Trichlorofluoromethane	1.8	U	1.8	0.62	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
Vinyl chloride	1.8	U	1.8	0.72	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1

Client Sample ID: SP-129-Grab

Lab Sample ID: 460-115613-1
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 91.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	1.8	U	1.8	0.20	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,2-Dichlorobenzene	1.8	U	1.8	0.26	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1
1,2-Dibromo-3-Chloropropane	1.8	U	1.8	0.86	ug/Kg	☼	06/18/16 07:31	06/23/16 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*78 - 135*	*06/18/16 07:31*	*06/23/16 04:09*	*1*
4-Bromofluorobenzene	*92*		*67 - 126*	*06/18/16 07:31*	*06/23/16 04:09*	*1*
Dibromofluoromethane (Surr)	*106*		*61 - 149*	*06/18/16 07:31*	*06/23/16 04:09*	*1*
Toluene-d8 (Surr)	*104*		*73 - 121*	*06/18/16 07:31*	*06/23/16 04:09*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**8.6**		1.0	1.0	%			06/22/16 12:00	1
Percent Solids	**91.4**		1.0	1.0	%			06/22/16 12:00	1

Client Sample ID: SP-129-Composite

Lab Sample ID: 460-115613-2
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**66**	**J**	700	60	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
1,2,4,5-Tetrachlorobenzene	700	U	700	52	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,2'-oxybis[1-chloropropane]	700	U	700	29	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,3,4,6-Tetrachlorophenol	700	U	700	66	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4,5-Trichlorophenol	700	U	700	70	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4,6-Trichlorophenol	280	U	280	20	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4-Dichlorophenol	280	U	280	17	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4-Dimethylphenol	700	U	700	160	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4-Dinitrophenol	570	U	570	530	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,4-Dinitrotoluene	140	U	140	28	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2,6-Dinitrotoluene	140	U	140	38	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Chloronaphthalene	700	U	700	16	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Chlorophenol	700	U	700	18	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Methylnaphthalene	**380**	**J**	700	16	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Methylphenol	700	U	700	31	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Nitroaniline	700	U	700	23	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
2-Nitrophenol	700	U	700	24	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
3,3'-Dichlorobenzidine	280	U	280	79	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
3-Nitroaniline	700	U	700	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4,6-Dinitro-2-methylphenol	570	U	570	190	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Bromophenyl phenyl ether	700	U	700	22	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Chloro-3-methylphenol	700	U	700	30	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Chloroaniline	700	U	700	18	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Chlorophenyl phenyl ether	700	U	700	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Methylphenol	700	U	700	19	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Nitroaniline	700	U	700	27	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
4-Nitrophenol	1400	U	1400	340	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Acenaphthene	**160**	**J**	700	17	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Acenaphthylene	**56**	**J**	700	18	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2

Client Sample ID: SP-129-Composite
Date Collected: 06/17/16 08:30
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-2
Matrix: Solid
Percent Solids: 93.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	**48**	**J**	700	15	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Anthracene	**290**	**J**	700	67	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Atrazine	280	U	280	31	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzaldehyde	700	U	700	54	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzo[a]anthracene	**750**		70	59	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzo[a]pyrene	**740**		70	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzo[b]fluoranthene	**1100**		70	28	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzo[g,h,i]perylene	**810**		700	41	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Benzo[k]fluoranthene	**390**		70	31	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Bis(2-chloroethoxy)methane	700	U	700	22	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Bis(2-chloroethyl)ether	70	U	70	17	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Bis(2-ethylhexyl) phthalate	700	U	700	28	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Butyl benzyl phthalate	**46**	**J**	700	22	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Caprolactam	700	U	700	51	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Carbazole	**110**	**J**	700	17	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Chrysene	**880**		700	19	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Dibenz(a,h)anthracene	**240**		70	37	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Dibenzofuran	**210**	**J**	700	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Diethyl phthalate	700	U	700	20	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Dimethyl phthalate	700	U	700	20	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Di-n-butyl phthalate	700	U	700	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Di-n-octyl phthalate	700	U	700	36	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Fluoranthene	**1400**		700	21	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Fluorene	**170**	**J**	700	15	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Hexachlorobenzene	70	U	70	29	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Hexachlorobutadiene	140	U	140	20	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Hexachlorocyclopentadiene	700	U	700	44	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Hexachloroethane	70	U	70	26	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Indeno[1,2,3-cd]pyrene	**820**		70	47	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Isophorone	280	U	280	15	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Naphthalene	**640**	**J**	700	18	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Nitrobenzene	70	U	70	22	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
N-Nitrosodi-n-propylamine	70	U	70	24	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
N-Nitrosodiphenylamine	700	U	700	64	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Pentachlorophenol	570	U	570	85	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Phenanthrene	**1000**		700	19	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Phenol	700	U	700	23	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2
Pyrene	**1300**		700	32	ug/Kg	☼	06/20/16 13:32	06/22/16 18:39	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 95*	*06/20/16 13:32*	*06/22/16 18:39*	*2*
2-Fluorobiphenyl	*66*		*27 - 84*	*06/20/16 13:32*	*06/22/16 18:39*	*2*
2-Fluorophenol (Surr)	*46*		*21 - 84*	*06/20/16 13:32*	*06/22/16 18:39*	*2*
Nitrobenzene-d5 (Surr)	*54*		*28 - 92*	*06/20/16 13:32*	*06/22/16 18:39*	*2*
Phenol-d5 (Surr)	*50*		*22 - 88*	*06/20/16 13:32*	*06/22/16 18:39*	*2*
Terphenyl-d14 (Surr)	*57*		*16 - 114*	*06/20/16 13:32*	*06/22/16 18:39*	*2*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**1.9**	**J**	7.2	0.94	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1

Client Sample ID: SP-129-Composite
Date Collected: 06/17/16 08:30
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-2
Matrix: Solid
Percent Solids: 93.6

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	**1.9**	**J**	7.2	1.0	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
4,4'-DDT	**2.0**	**J**	7.2	0.74	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Aldrin	7.2	U	7.2	0.86	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
alpha-BHC	2.1	U	2.1	0.65	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
beta-BHC	2.1	U	2.1	0.69	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Chlordane (technical)	72	U	72	31	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
delta-BHC	2.1	U	2.1	0.78	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Dieldrin	2.1	U	2.1	0.93	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endosulfan I	7.2	U	7.2	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endosulfan II	7.2	U	7.2	1.1	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endosulfan sulfate	7.2	U	7.2	0.83	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endrin	7.2	U	7.2	0.91	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endrin aldehyde	7.2	U	7.2	0.89	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Endrin ketone	7.2	U	7.2	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
gamma-BHC (Lindane)	2.1	U	2.1	0.64	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Heptachlor	7.2	U	7.2	0.92	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Heptachlor epoxide	7.2	U	7.2	1.4	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Methoxychlor	7.2	U	7.2	1.5	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1
Toxaphene	72	U	72	21	ug/Kg	☼	06/21/16 02:47	06/21/16 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*106*		*55 - 148*	*06/21/16 02:47*	*06/21/16 15:37*	*1*
DCB Decachlorobiphenyl	*107*		*55 - 148*	*06/21/16 02:47*	*06/21/16 15:37*	*1*
Tetrachloro-m-xylene	*100*		*55 - 139*	*06/21/16 02:47*	*06/21/16 15:37*	*1*
Tetrachloro-m-xylene	*104*		*55 - 139*	*06/21/16 02:47*	*06/21/16 15:37*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1221	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1232	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1242	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1248	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1254	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1260	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor-1262	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Aroclor 1268	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1
Polychlorinated biphenyls, Total	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*120*		*47 - 150*	*06/21/16 03:02*	*06/21/16 21:52*	*1*
DCB Decachlorobiphenyl	*112*		*47 - 150*	*06/21/16 03:02*	*06/21/16 21:52*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.0	U	2.0	0.35	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Aluminum	**5880**		39.2	20.2	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Arsenic	**32.5**		2.9	0.96	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Barium	**80.6**		39.2	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Beryllium	**0.41**		0.39	0.33	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4

Client Sample ID: SP-129-Composite

Lab Sample ID: 460-115613-2
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.6

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**18000**		980	58.0	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Cadmium	0.78	U	0.78	0.41	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Cobalt	**10.6**		9.8	1.1	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Chromium	**30.3**		2.0	0.95	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Copper	**95.4**		4.9	1.3	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Iron	**22300**		29.4	22.2	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Potassium	**898**	**J**	980	29.7	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Magnesium	**10700**		980	48.9	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Manganese	**298**		2.9	1.0	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Sodium	**483**	**J**	980	66.4	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Nickel	**116**		7.8	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Lead	**176**		2.0	0.77	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Antimony	3.9	U	3.9	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Selenium	3.9	U	3.9	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Thallium	3.9	U	3.9	1.7	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Vanadium	**26.5**		9.8	0.98	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4
Zinc	**127**		5.9	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 22:55	4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.34**		0.018	0.012	mg/Kg	☼	06/21/16 04:24	06/21/16 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.4**		1.0	1.0	%			06/22/16 12:00	1
Percent Solids	**93.6**		1.0	1.0	%			06/22/16 12:00	1

Client Sample ID: SP-130-Grab

Lab Sample ID: 460-115613-3
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 92.2

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.9	U	1.9	0.71	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,1,2,2-Tetrachloroethane	1.9	U	1.9	0.32	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.9	U	1.9	0.82	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,1,2-Trichloroethane	1.9	U	1.9	0.52	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,1-Dichloroethane	1.9	U	1.9	0.64	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,1-Dichloroethene	1.9	U	1.9	0.77	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2,3-Trichlorobenzene	1.9	U	1.9	0.21	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2,4-Trichlorobenzene	1.9	U	1.9	0.60	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2-Dichloropropane	1.9	U	1.9	0.32	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,3-Dichlorobenzene	1.9	U	1.9	0.22	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,4-Dichlorobenzene	1.9	U	1.9	0.24	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,4-Dioxane	37	U	37	12	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
2-Butanone (MEK)	9.3	U	9.3	1.4	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
2-Hexanone	9.3	U	9.3	1.8	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
4-Methyl-2-pentanone (MIBK)	9.3	U	9.3	4.1	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Acetone	9.3	U	9.3	2.0	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Benzene	1.9	U	1.9	0.37	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1

Client Sample ID: SP-130-Grab
Date Collected: 06/17/16 08:20
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-3
Matrix: Solid
Percent Solids: 92.2

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	1.9	U	1.9	0.24	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Bromomethane	1.9	U	1.9	0.60	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Carbon disulfide	1.9	U	1.9	0.80	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Carbon tetrachloride	1.9	U	1.9	0.80	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chlorobenzene	1.9	U	1.9	0.26	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chlorobromomethane	1.9	U	1.9	0.32	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chlorodibromomethane	1.9	U	1.9	0.28	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chloroethane	1.9	U	1.9	0.65	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chloroform	1.9	U	1.9	0.39	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Chloromethane	1.9	U	1.9	0.71	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
cis-1,2-Dichloroethene	1.9	U	1.9	0.41	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
cis-1,3-Dichloropropene	1.9	U	1.9	0.28	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Cyclohexane	1.9	U	1.9	0.86	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Dichlorobromomethane	1.9	U	1.9	0.71	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Dichlorodifluoromethane	1.9	U	1.9	0.60	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Ethylbenzene	1.9	U	1.9	0.34	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Ethylene Dibromide	1.9	U	1.9	0.22	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Isopropylbenzene	1.9	U	1.9	0.32	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Methyl acetate	9.3	U	9.3	1.7	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Methyl tert-butyl ether	1.9	U	1.9	0.32	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Methylcyclohexane	1.9	U	1.9	0.93	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Methylene Chloride	1.9	U	1.9	0.60	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
m-Xylene & p-Xylene	1.9	U	1.9	0.21	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
o-Xylene	1.9	U	1.9	0.30	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Styrene	1.9	U	1.9	0.28	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Tetrachloroethene	1.9	U	1.9	0.52	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Toluene	1.9	U	1.9	0.36	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
trans-1,2-Dichloroethene	1.9	U	1.9	0.73	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
trans-1,3-Dichloropropene	1.9	U	1.9	0.19	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Trichloroethene	1.9	U	1.9	0.49	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Trichlorofluoromethane	1.9	U	1.9	0.64	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
Vinyl chloride	1.9	U	1.9	0.73	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2-Dichloroethane	1.9	U	1.9	0.21	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2-Dichlorobenzene	1.9	U	1.9	0.26	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	0.88	ug/Kg	☼	06/18/16 07:32	06/23/16 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*78 - 135*	*06/18/16 07:32*	*06/23/16 04:35*	*1*
4-Bromofluorobenzene	*85*		*67 - 126*	*06/18/16 07:32*	*06/23/16 04:35*	*1*
Dibromofluoromethane (Surr)	*100*		*61 - 149*	*06/18/16 07:32*	*06/23/16 04:35*	*1*
Toluene-d8 (Surr)	*97*		*73 - 121*	*06/18/16 07:32*	*06/23/16 04:35*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.8		1.0	1.0	%			06/22/16 12:00	1
Percent Solids	92.2		1.0	1.0	%			06/22/16 12:00	1

Client Sample ID: SP-130-Composite
Date Collected: 06/17/16 08:30
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-4
Matrix: Solid
Percent Solids: 93.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**90**	**J**	350	30	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
1,2,4,5-Tetrachlorobenzene	350	U	350	26	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,2'-oxybis[1-chloropropane]	350	U	350	15	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,3,4,6-Tetrachlorophenol	350	U	350	33	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4,5-Trichlorophenol	350	U	350	35	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4,6-Trichlorophenol	140	U	140	10	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4-Dichlorophenol	140	U	140	8.3	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4-Dimethylphenol	350	U	350	78	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4-Dinitrophenol	280	U	280	270	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,4-Dinitrotoluene	71	U	71	14	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2,6-Dinitrotoluene	71	U	71	19	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Chloronaphthalene	350	U	350	8.0	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Chlorophenol	350	U	350	9.0	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Methylnaphthalene	**370**		350	7.8	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Methylphenol	350	U	350	15	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Nitroaniline	350	U	350	12	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
2-Nitrophenol	350	U	350	12	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
3,3'-Dichlorobenzidine	140	U	140	39	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
3-Nitroaniline	350	U	350	10	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4,6-Dinitro-2-methylphenol	280	U	280	94	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Bromophenyl phenyl ether	350	U	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Chloro-3-methylphenol	350	U	350	15	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Chloroaniline	350	U	350	9.1	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Chlorophenyl phenyl ether	350	U	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Methylphenol	**15**	**J**	350	9.6	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Nitroaniline	350	U	350	13	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
4-Nitrophenol	710	U	710	170	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Acenaphthene	**200**	**J**	350	8.5	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Acenaphthylene	**59**	**J**	350	9.1	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Acetophenone	**31**	**J**	350	7.7	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Anthracene	**360**		350	34	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Atrazine	140	U	140	16	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzaldehyde	350	U	350	27	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzo[a]anthracene	**780**		35	29	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzo[a]pyrene	**760**		35	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzo[b]fluoranthene	**1100**		35	14	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzo[g,h,i]perylene	**720**		350	20	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Benzo[k]fluoranthene	**410**		35	15	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Bis(2-chloroethoxy)methane	350	U	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Bis(2-chloroethyl)ether	35	U	35	8.3	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Bis(2-ethylhexyl) phthalate	**65**	**J**	350	14	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Butyl benzyl phthalate	**23**	**J**	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Caprolactam	350	U	350	25	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Carbazole	**130**	**J**	350	8.8	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Chrysene	**970**		350	9.6	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Dibenz(a,h)anthracene	**220**		35	18	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Dibenzofuran	**280**	**J**	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Diethyl phthalate	350	U	350	10	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Dimethyl phthalate	350	U	350	10	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Client Sample ID: SP-130-Composite
Date Collected: 06/17/16 08:30
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-4
Matrix: Solid
Percent Solids: 93.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	350	U	350	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Di-n-octyl phthalate	350	U	350	18	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Fluoranthene	**1700**		350	10	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Fluorene	**220**	**J**	350	7.7	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Hexachlorobenzene	35	U	35	14	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Hexachlorobutadiene	71	U	71	9.9	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Hexachlorocyclopentadiene	350	U	350	22	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Hexachloroethane	35	U	35	13	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Indeno[1,2,3-cd]pyrene	**830**		35	23	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Isophorone	140	U	140	7.6	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Naphthalene	**720**		350	9.0	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Nitrobenzene	35	U	35	11	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
N-Nitrosodi-n-propylamine	35	U	35	12	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
N-Nitrosodiphenylamine	350	U	350	32	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Pentachlorophenol	280	U	280	43	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Phenanthrene	**1200**		350	9.4	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Phenol	350	U	350	12	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1
Pyrene	**1400**		350	16	ug/Kg	☼	06/20/16 13:32	06/22/16 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 95*	*06/20/16 13:32*	*06/22/16 17:26*	*1*
2-Fluorobiphenyl	*59*		*27 - 84*	*06/20/16 13:32*	*06/22/16 17:26*	*1*
2-Fluorophenol (Surr)	*43*		*21 - 84*	*06/20/16 13:32*	*06/22/16 17:26*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 92*	*06/20/16 13:32*	*06/22/16 17:26*	*1*
Phenol-d5 (Surr)	*47*		*22 - 88*	*06/20/16 13:32*	*06/22/16 17:26*	*1*
Terphenyl-d14 (Surr)	*46*		*16 - 114*	*06/20/16 13:32*	*06/22/16 17:26*	*1*

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	7.2	U	7.2	0.94	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
4,4'-DDE	7.2	U	7.2	1.0	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
4,4'-DDT	**2.4**	**J**	7.2	0.74	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Aldrin	7.2	U	7.2	0.87	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
alpha-BHC	2.1	U	2.1	0.65	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
beta-BHC	2.1	U	2.1	0.69	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Chlordane (technical)	72	U	72	32	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
delta-BHC	2.1	U	2.1	0.78	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Dieldrin	2.1	U	2.1	0.93	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endosulfan I	7.2	U	7.2	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endosulfan II	7.2	U	7.2	1.1	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endosulfan sulfate	7.2	U	7.2	0.83	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endrin	7.2	U	7.2	0.91	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endrin aldehyde	7.2	U	7.2	0.89	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Endrin ketone	7.2	U	7.2	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
gamma-BHC (Lindane)	2.1	U	2.1	0.64	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Heptachlor	7.2	U	7.2	0.92	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Heptachlor epoxide	7.2	U	7.2	1.4	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Methoxychlor	7.2	U	7.2	1.5	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1
Toxaphene	72	U	72	21	ug/Kg	☼	06/21/16 02:47	06/21/16 15:50	1

Client Sample ID: SP-130-Composite

Date Collected: 06/17/16 08:30
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-4

Matrix: Solid
Percent Solids: 93.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	120		55 - 148	06/21/16 02:47	06/21/16 15:50	1
DCB Decachlorobiphenyl	122		55 - 148	06/21/16 02:47	06/21/16 15:50	1
Tetrachloro-m-xylene	117		55 - 139	06/21/16 02:47	06/21/16 15:50	1
Tetrachloro-m-xylene	119		55 - 139	06/21/16 02:47	06/21/16 15:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	72	U	72	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1221	72	U	72	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1232	72	U	72	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1242	72	U	72	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1248	72	U	72	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1254	72	U	72	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1260	72	U	72	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor-1262	72	U	72	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Aroclor 1268	72	U	72	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1
Polychlorinated biphenyls, Total	72	U	72	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	119		47 - 150	06/21/16 03:02	06/21/16 22:10	1
DCB Decachlorobiphenyl	105		47 - 150	06/21/16 03:02	06/21/16 22:10	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.1	U	2.1	0.37	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Aluminum	**5240**		41.9	21.6	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Arsenic	**30.2**		3.1	1.0	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Barium	**70.7**		41.9	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Beryllium	**0.36**	**J**	0.42	0.36	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Calcium	**16300**		1050	62.0	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Cadmium	0.84	U	0.84	0.44	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Cobalt	**8.5**	**J**	10.5	1.2	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Chromium	**25.4**		2.1	1.0	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Copper	**81.4**		5.2	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Iron	**20100**		31.4	23.7	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Potassium	**809**	**J**	1050	31.8	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Magnesium	**9200**		1050	52.3	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Manganese	**285**		3.1	1.1	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Sodium	**471**	**J**	1050	70.9	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Nickel	**99.5**		8.4	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Lead	**144**		2.1	0.82	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Antimony	4.2	U	4.2	1.7	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Selenium	4.2	U	4.2	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Thallium	4.2	U	4.2	1.9	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Vanadium	**27.5**		10.5	1.0	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4
Zinc	**108**		6.3	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:10	4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.32**		0.017	0.012	mg/Kg	☼	06/21/16 04:24	06/21/16 09:12	1

Client Sample ID: SP-130-Composite

Lab Sample ID: 460-115613-4

Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.6

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.4**		1.0	1.0	%			06/22/16 12:00	1
Percent Solids	**93.6**		1.0	1.0	%			06/22/16 12:00	1

Client Sample ID: SP-131-Composite

Lab Sample ID: 460-115613-5

Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.7

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**3.0**	**J**	7.1	0.94	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
4,4'-DDE	**1.8**	**J**	7.1	1.0	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
4,4'-DDT	**2.4**	**J**	7.1	0.74	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Aldrin	7.1	U	7.1	0.86	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
alpha-BHC	2.1	U	2.1	0.65	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
beta-BHC	2.1	U	2.1	0.69	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Chlordane (technical)	71	U	71	31	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
delta-BHC	2.1	U	2.1	0.78	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Dieldrin	2.1	U	2.1	0.93	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endosulfan I	7.1	U	7.1	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endosulfan II	7.1	U	7.1	1.1	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endosulfan sulfate	7.1	U	7.1	0.83	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endrin	7.1	U	7.1	0.91	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endrin aldehyde	7.1	U	7.1	0.89	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Endrin ketone	7.1	U	7.1	0.99	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
gamma-BHC (Lindane)	2.1	U	2.1	0.64	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Heptachlor	7.1	U	7.1	0.92	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Heptachlor epoxide	7.1	U	7.1	1.4	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Methoxychlor	7.1	U	7.1	1.5	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1
Toxaphene	71	U	71	21	ug/Kg	☼	06/21/16 02:47	06/21/16 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*121*		*55 - 148*	*06/21/16 02:47*	*06/21/16 16:03*	*1*
DCB Decachlorobiphenyl	*116*		*55 - 148*	*06/21/16 02:47*	*06/21/16 16:03*	*1*
Tetrachloro-m-xylene	*111*		*55 - 139*	*06/21/16 02:47*	*06/21/16 16:03*	*1*
Tetrachloro-m-xylene	*109*		*55 - 139*	*06/21/16 02:47*	*06/21/16 16:03*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1221	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1232	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1242	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1248	71	U	71	9.5	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1254	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1260	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor-1262	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Aroclor 1268	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1
Polychlorinated biphenyls, Total	71	U	71	9.8	ug/Kg	☼	06/21/16 03:02	06/21/16 22:28	1

Client Sample ID: SP-131-Composite

Lab Sample ID: 460-115613-5

Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*122*		*47 - 150*	*06/21/16 03:02*	*06/21/16 22:28*	*1*
DCB Decachlorobiphenyl	*102*		*47 - 150*	*06/21/16 03:02*	*06/21/16 22:28*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	2.0	U	2.0	0.36	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Aluminum	**6320**		40.3	20.7	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Arsenic	**35.2**		3.0	0.99	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Barium	**73.6**		40.3	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Beryllium	**0.45**		0.40	0.34	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Calcium	**20400**		1010	59.6	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Cadmium	0.81	U	0.81	0.42	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Cobalt	**10.8**		10.1	1.2	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Chromium	**47.2**		2.0	0.97	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Copper	**85.9**		5.0	1.3	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Iron	**20900**		30.2	22.8	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Potassium	**806**	**J**	1010	30.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Magnesium	**8880**		1010	50.2	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Manganese	**315**		3.0	1.1	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Sodium	**502**	**J**	1010	68.2	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Nickel	**108**		8.1	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Lead	**151**		2.0	0.79	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Antimony	4.0	U	4.0	1.6	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Selenium	4.0	U	4.0	1.4	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Thallium	4.0	U	4.0	1.8	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Vanadium	**28.2**		10.1	1.0	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4
Zinc	**110**		6.0	1.5	mg/Kg	☼	06/20/16 07:31	06/20/16 23:14	4

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.29**		0.018	0.012	mg/Kg	☼	06/21/16 04:24	06/21/16 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	**6.3**		1.0	1.0	%			06/22/16 12:00	1
Percent Solids	**93.7**		1.0	1.0	%			06/22/16 12:00	1

Client Sample ID: Trip Blank

Lab Sample ID: 460-115613-6

Date Collected: 06/17/16 00:00
Matrix: Water
Date Received: 06/17/16 14:45

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.28	ug/L			06/22/16 20:05	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19	ug/L			06/22/16 20:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34	ug/L			06/22/16 20:05	1
1,1,2-Trichloroethane	1.0	U	1.0	0.080	ug/L			06/22/16 20:05	1
1,1-Dichloroethane	1.0	U	1.0	0.24	ug/L			06/22/16 20:05	1
1,1-Dichloroethene	1.0	U	1.0	0.34	ug/L			06/22/16 20:05	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.35	ug/L			06/22/16 20:05	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.27	ug/L			06/22/16 20:05	1

Client Sample ID: Trip Blank
Date Collected: 06/17/16 00:00
Date Received: 06/17/16 14:45

Lab Sample ID: 460-115613-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23	ug/L			06/22/16 20:05	1
1,2-Dichlorobenzene	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
1,2-Dichloroethane	1.0	U	1.0	0.25	ug/L			06/22/16 20:05	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			06/22/16 20:05	1
1,3-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/22/16 20:05	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/22/16 20:05	1
1,4-Dioxane	50	U	50	8.7	ug/L			06/22/16 20:05	1
2-Butanone (MEK)	5.0	U	5.0	2.2	ug/L			06/22/16 20:05	1
2-Hexanone	5.0	U	5.0	0.72	ug/L			06/22/16 20:05	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63	ug/L			06/22/16 20:05	1
Acetone	5.0	U	5.0	1.1	ug/L			06/22/16 20:05	1
Benzene	1.0	U	1.0	0.090	ug/L			06/22/16 20:05	1
Bromoform	1.0	U	1.0	0.18	ug/L			06/22/16 20:05	1
Bromomethane	1.0	U	1.0	0.18	ug/L			06/22/16 20:05	1
Carbon disulfide	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
Carbon tetrachloride	1.0	U	1.0	0.33	ug/L			06/22/16 20:05	1
Chlorobenzene	1.0	U	1.0	0.24	ug/L			06/22/16 20:05	1
Chlorobromomethane	1.0	U	1.0	0.30	ug/L			06/22/16 20:05	1
Chlorodibromomethane	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
Chloroethane	1.0	U	1.0	0.37	ug/L			06/22/16 20:05	1
Chloroform	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
Chloromethane	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/22/16 20:05	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.16	ug/L			06/22/16 20:05	1
Cyclohexane	1.0	U	1.0	0.26	ug/L			06/22/16 20:05	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			06/22/16 20:05	1
Dichlorodifluoromethane	1.0	U	1.0	0.14	ug/L			06/22/16 20:05	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/22/16 20:05	1
Ethylene Dibromide	1.0	U	1.0	0.19	ug/L			06/22/16 20:05	1
Isopropylbenzene	1.0	U	1.0	0.32	ug/L			06/22/16 20:05	1
Methyl acetate	5.0	U	5.0	0.58	ug/L			06/22/16 20:05	1
Methyl tert-butyl ether	1.0	U	1.0	0.13	ug/L			06/22/16 20:05	1
Methylcyclohexane	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
Methylene Chloride	1.0	U	1.0	0.21	ug/L			06/22/16 20:05	1
m-Xylene & p-Xylene	1.0	U	1.0	0.28	ug/L			06/22/16 20:05	1
o-Xylene	1.0	U	1.0	0.32	ug/L			06/22/16 20:05	1
Styrene	1.0	U	1.0	0.17	ug/L			06/22/16 20:05	1
Tetrachloroethene	1.0	U	1.0	0.12	ug/L			06/22/16 20:05	1
Toluene	1.0	U	1.0	0.25	ug/L			06/22/16 20:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.18	ug/L			06/22/16 20:05	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			06/22/16 20:05	1
Trichloroethene	1.0	U	1.0	0.22	ug/L			06/22/16 20:05	1
Trichlorofluoromethane	1.0	U	1.0	0.15	ug/L			06/22/16 20:05	1
Vinyl chloride	1.0	U	1.0	0.060	ug/L			06/22/16 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 137*		*06/22/16 20:05*	*1*
4-Bromofluorobenzene	*96*		*70 - 131*		*06/22/16 20:05*	*1*
Dibromofluoromethane (Surr)	*100*		*72 - 136*		*06/22/16 20:05*	*1*
Toluene-d8 (Surr)	*102*		*74 - 120*		*06/22/16 20:05*	*1*

Lab Chronicle

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Client Sample ID: SP-129-Grab
Lab Sample ID: 460-115613-1
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	375313	06/22/16 12:00	GTSV	TAL EDI

Client Sample ID: SP-129-Grab
Lab Sample ID: 460-115613-1
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			374467	06/18/16 07:31	DBM	TAL EDI
Total/NA	Analysis	8260C		1	375408	06/23/16 04:09	KLB	TAL EDI

Client Sample ID: SP-129-Composite
Lab Sample ID: 460-115613-2
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	375313	06/22/16 12:00	GTSV	TAL EDI

Client Sample ID: SP-129-Composite
Lab Sample ID: 460-115613-2
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			374783	06/20/16 13:32	RAD	TAL EDI
Total/NA	Analysis	8270D		2	375277	06/22/16 18:39	MMC	TAL EDI
Total/NA	Prep	3546			374911	06/21/16 02:47	ARA	TAL EDI
Total/NA	Analysis	8081B		1	375037	06/21/16 15:37	SAK	TAL EDI
Total/NA	Prep	3546			374914	06/21/16 03:02	ARA	TAL EDI
Total/NA	Analysis	8082A		1	375076	06/21/16 21:52	JHP	TAL EDI
Total/NA	Prep	3050B			374710	06/20/16 07:31	MDC	TAL EDI
Total/NA	Analysis	6010C		4	374817	06/20/16 22:55	YZH	TAL EDI
Total/NA	Prep	7471B			374925	06/21/16 04:24	TJS	TAL EDI
Total/NA	Analysis	7471B		1	375018	06/21/16 08:48	TJS	TAL EDI

Client Sample ID: SP-130-Grab
Lab Sample ID: 460-115613-3
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	375313	06/22/16 12:00	GTSV	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Client Sample ID: SP-130-Grab
Lab Sample ID: 460-115613-3
Date Collected: 06/17/16 08:20
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 92.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			374467	06/18/16 07:32	DBM	TAL EDI
Total/NA	Analysis	8260C		1	375408	06/23/16 04:35	KLB	TAL EDI

Client Sample ID: SP-130-Composite
Lab Sample ID: 460-115613-4
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	375313	06/22/16 12:00	GTSV	TAL EDI

Client Sample ID: SP-130-Composite
Lab Sample ID: 460-115613-4
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			374783	06/20/16 13:32	RAD	TAL EDI
Total/NA	Analysis	8270D		1	375277	06/22/16 17:26	MMC	TAL EDI
Total/NA	Prep	3546			374911	06/21/16 02:47	ARA	TAL EDI
Total/NA	Analysis	8081B		1	375037	06/21/16 15:50	SAK	TAL EDI
Total/NA	Prep	3546			374914	06/21/16 03:02	ARA	TAL EDI
Total/NA	Analysis	8082A		1	375076	06/21/16 22:10	JHP	TAL EDI
Total/NA	Prep	3050B			374710	06/20/16 07:31	MDC	TAL EDI
Total/NA	Analysis	6010C		4	374817	06/20/16 23:10	YZH	TAL EDI
Total/NA	Prep	7471B			374925	06/21/16 04:24	TJS	TAL EDI
Total/NA	Analysis	7471B		1	375018	06/21/16 09:12	TJS	TAL EDI

Client Sample ID: SP-131-Composite
Lab Sample ID: 460-115613-5
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	375313	06/22/16 12:00	GTSV	TAL EDI

Client Sample ID: SP-131-Composite
Lab Sample ID: 460-115613-5
Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			374911	06/21/16 02:47	ARA	TAL EDI
Total/NA	Analysis	8081B		1	375037	06/21/16 16:03	SAK	TAL EDI
Total/NA	Prep	3546			374914	06/21/16 03:02	ARA	TAL EDI
Total/NA	Analysis	8082A		1	375076	06/21/16 22:28	JHP	TAL EDI
Total/NA	Prep	3050B			374710	06/20/16 07:31	MDC	TAL EDI

Lab Chronicle

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Client Sample ID: SP-131-Composite

Lab Sample ID: 460-115613-5

Date Collected: 06/17/16 08:30
Matrix: Solid
Date Received: 06/17/16 14:45
Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	6010C		4	374817	06/20/16 23:14	YZH	TAL EDI
Total/NA	Prep	7471B			374925	06/21/16 04:24	TJS	TAL EDI
Total/NA	Analysis	7471B		1	375018	06/21/16 09:14	TJS	TAL EDI

Client Sample ID: Trip Blank

Lab Sample ID: 460-115613-6

Date Collected: 06/17/16 00:00
Matrix: Water
Date Received: 06/17/16 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	375223	06/22/16 20:05	CJM	TAL EDI

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
New Jersey	NELAP	2	12028	06-30-16

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8082A	3546	Solid	Polychlorinated biphenyls, Total
8260C		Water	1,2,4-Trichlorobenzene
8260C		Water	1,2-Dibromo-3-Chloropropane
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

New York	NELAP	2	11452	03-31-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8082A	3546	Solid	Polychlorinated biphenyls, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Pennsylvania	NELAP	3	68-00522	02-28-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8082A	3546	Solid	Polychlorinated biphenyls, Total
8260C		Water	cis-1,2-Dichloroethene
8270D	3546	Solid	4-Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL EDI
8081B	Organochlorine Pesticides (GC)	SW846	TAL EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL EDI
6010C	Metals (ICP)	SW846	TAL EDI
7471B	Mercury (CVAA)	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: AKRF Inc
Project/Site: NY Wheel

TestAmerica Job ID: 460-115613-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-115613-1	SP-129-Grab	Solid	06/17/16 08:20	06/17/16 14:45
460-115613-2	SP-129-Composite	Solid	06/17/16 08:30	06/17/16 14:45
460-115613-3	SP-130-Grab	Solid	06/17/16 08:20	06/17/16 14:45
460-115613-4	SP-130-Composite	Solid	06/17/16 08:30	06/17/16 14:45
460-115613-5	SP-131-Composite	Solid	06/17/16 08:30	06/17/16 14:45
460-115613-6	Trip Blank	Water	06/17/16 00:00	06/17/16 14:45

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS RE

777 New Durham Road
ax: (732) 549-3679

460-115613 Chain of Custody

6/24/2016

Page 25 of 27

Name (for report and invoice) Asya Bychkov	Samplers Name (Printed) Brian McBratney	Site/Project Identification: New York Wheel
Company AKRF	P. O. #	State (Location of site): NJ: ☐ NY: ☑ Other:
		Regulatory Program: DEC DKQP: ☐
Address 440 Park Avenue South	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City NY State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 115613
Phone 6463889533 Fax 2127260942		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	SVOCs	TAL Metals	PCBs	Pesticides	Sample Numbers
SP-129-Grab	6/16/17	0820	Soil	2	X					1
SP-129-Composite	6/16/17	0830		1		X	X	X	X	2
SP-129-MS	6/16/17	0825		3	X	X	X	X	X	1-Grab 2 comp
SP-129-MSD	6/16/17	0826		3	X	X	X	X	X	1-Grab 2 comp
SP-130-Grab	6/16/17	0820		2	X					3
SP-130-Composite	6/16/17	0830		1		X	X	X	X	4
SP-131-Composite	6/16/17	0830		1		835M	X	X	X	5
Trip Blank	6/16/17				X					6

SHORT HOLD

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Brian McBratney	AKRF	6/17 1130	1)	
2)		6/17/16 1445	2)	TA Edison
3)			3)	6/17/16
4)			4)	1445

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

FR7 NOCS OC

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 115613

Number of Coolers: 1 IR Gun # 7

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.6 °C	1.0 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 6/17/16

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-115613-1

Login Number: 115613
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6° C IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Monday, July 11, 2016 12:04 PM
To: Asya Bychkov
Cc: Ashutosh Sharma; Michelle Lapin; Marcus Simons; Robert Caravella; Selmer, Stephanie L. (HEALTH); O'Connell, Jane H (DEC)
Subject: RE: NY Wheel V-00228 Daily Report

Asya: It is OK to place this pile under concrete foundations. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Wednesday, June 29, 2016 11:51 AM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: Ashutosh Sharma <asharma@akrf.com>; Michelle Lapin <mlapin@akrf.com>; Marcus Simons <msimons@akrf.com>; Robert Caravella <rcaravella@akrf.com>; Selmer, Stephanie L. (HEALTH) <stephanie.selmer@health.ny.gov>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>
Subject: RE: NY Wheel V-00228 Daily Report

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Nigel,

OK. Also, attached are the daily reports for June 27 and 28, and a soil reuse request for a small stockpile (about 500 CY). This stockpile was excavated just west of the Garage. Could you please review the reuse request, and let me know if this pile is OK to place under concrete foundations? The contractor is hoping to reuse it early next week.

Thanks,
Asya

From: Crawford, Nigel (DEC) [mailto:nigel.crawford@dec.ny.gov]
Sent: Tuesday, June 28, 2016 5:16 PM
To: Asya Bychkov
Cc: Ashutosh Sharma; Michelle Lapin; Marcus Simons; Robert Caravella; Selmer, Stephanie L. (HEALTH); O'Connell, Jane H (DEC)
Subject: RE: NY Wheel V-00228 Daily Report

Asya: I've discussed your question with both Jane and Stephanie. You have to do both the dust and PID. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Monday, June 27, 2016 2:39 PM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: Ashutosh Sharma <asharma@akrf.com>; Michelle Lapin <mlapin@akrf.com>; Marcus Simons <msimons@akrf.com>; Robert Caravella <rcaravella@akrf.com>; Selmer, Stephanie L. (HEALTH) <stephanie.selmer@health.ny.gov>
Subject: RE: NY Wheel V-00228 Daily Report

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Nigel,

??
Please find attached the daily reports for June 23 and 24. Let me know if you???ve had the chance to discuss my question about PIDs in the fixed stations with Jane and Stephanie???
??
Thanks!
Asya
??
--??

Asya Bychkov, P.E.
Environmental Engineer
.....??

AKRF, INC.
Environmental, Planning, and Engineering Consultants

440 Park Ave South, 7th Floor ????| ??????New York, NY 10016
P)??646.388.9533????| ????F)??212.726.0942

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??

AKRF Engineering, P.C.

440 Park Avenue South
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www.akrf.com

August 19, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse Approval Request

Dear Mr. Crawford:

This letter addresses a reuse request for a small quantity of soil (approximately 25 cubic yards) at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site. This soil has been excavated from the Wheel footprint.

In accordance with the Site Management Plan (SMP) (AKRF, February 2015), this soil was sampled on August 3, 2016, for reuse below the future Garage foundation. This letter contains the laboratory analytical data for your review and requests approval of on-site reuse.

Sample frequency was determined by Table 6 of the SMP, as modified by your November 4, 2015 email approving a lower frequency of sampling for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). One grab sample was collected for volatile organic compounds (VOCs) analysis; one 5-point composite sample was collected for semi-volatile organic compounds (SVOCs) analysis; and two 5-point composite samples were collected for pesticides, polychlorinated biphenyls (PCBs), and TAL Metals analysis. In addition, for QA/QC purposes, matrix spike/matrix spike duplicate (MS/MSD samples) were collected. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals. The soil was field-screened for VOCs with a photoionization detector (PID), during excavation and during stockpile sampling, but no elevated readings were detected.

In accordance with the SMP, the data was compared to previously measured Site background levels (BLs) obtained during investigations in 1998-99, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (SCOs) (Table 5 of the SMP).

The following reuse scenario is proposed for the approximately 25 cubic yards of soil. Both samples (SP-132 and SP-133) only exhibited an exceedance of BLs for silver, detected at approximately 0.42 and 0.43 parts per million (ppm) respectively, above the BL of "non-detectable." These levels are not of concern as they are below the Unrestricted Soil Cleanup Objective of 2 ppm, as well as the Commercial Use SCO (1,500 ppm) and Protection of Groundwater SCO (8.3 ppm). Soil represented by these samples is proposed to be reused beneath the impervious Garage foundation.

The laboratory analytical results are summarized on the attached Tables 1 to 4, with exceedances of BLs highlighted in gray. Complete laboratory analytical data is included as *Attachment A*.

Please let us know whether the above is acceptable.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

M:\AKRF Project Files\11568 - NY Wheel\Construction Oversight\Under the Cap Soil - Waste Characterization\Wheel to Garage\NY Wheel_Soil Reuse Request_081816.doc

cc: Asya Bychkov, Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC

Table 1
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-132-Grab 460-118140-1 8/3/2016
1,1,1-Trichloroethane	0.68	0.68	ND	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-0.0057	0.0018 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	0.0018 U *
1,1,2-Trichloroethane	NS	NS	ND	0.0018 U
1,1-Dichloroethane	0.27	0.27	ND	0.0018 U
1,1-Dichloroethene	0.33	0.33	ND	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	ND	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	ND	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	0.0018 U
1,2-Dichlorobenzene	1.1	1.1	ND	0.0018 U
1,2-Dichloroethane	0.02	0.02	ND	0.0018 U
1,2-Dichloropropane	NS	NS	ND	0.0018 U
1,3-Dichlorobenzene	2.4	2.4	ND	0.0018 U
1,4-Dichlorobenzene	1.8	1.8	ND	0.0018 U
1,4-Dioxane	0.1	0.1	ND	0.036 U
2-Butanone (MEK)	0.12	0.12	ND-0.022	0.0089 U
2-Hexanone	NS	NS	ND-0.02	0.0089 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-0.023	0.0089 U
Acetone	0.05	0.05	ND-0.057	0.0089 U
Benzene	0.06	0.06	ND	0.0018 U
Bromoform	NS	NS	ND	0.0018 U
Bromomethane	NS	NS	ND	0.0018 U
Carbon disulfide	NS	NS	ND	0.0018 U
Carbon tetrachloride	0.76	0.76	ND	0.0018 U
Chlorobenzene	1.1	1.1	ND	0.0018 U
Chlorobromomethane	NS	NS	ND	0.0018 U
Chlorodibromomethane	NS	NS	ND	0.0018 U
Chloroethane	NS	NS	ND	0.0018 U
Chloroform	0.37	0.37	ND-0.01	0.0018 U
Chloromethane	NS	NS	ND	0.0018 U
cis-1,2-Dichloroethene	0.25	0.25	ND	0.0018 U
cis-1,3-Dichloropropene	NS	NS	ND	0.0018 U
Cyclohexane	NS	NS	NA	0.0018 U
Dichlorobromomethane	NS	NS	ND	0.0018 U
Dichlorodifluoromethane	NS	NS	ND	0.0018 U
Ethylbenzene	1	1	ND	0.0018 U
Ethylene Dibromide	NS	NS	ND	0.0018 U
Isopropylbenzene	NS	NS	ND	0.0018 U
Methyl acetate	NS	NS	NA	0.0089 U
Methyl tert-butyl ether	0.93	0.93	ND	0.0018 U
Methylcyclohexane	NS	NS	NA	0.0018 U
Methylene Chloride	0.05	0.05	ND-0.098	0.0018 U
m-Xylene & p-Xylene	0.26 TS	1.6 TS	ND-0.0013	0.0018 U
o-Xylene	0.26 TS	1.6 TS	ND	0.0018 U
Styrene	NS	NS	ND	0.0018 U
Tetrachloroethene	1.3	1.3	ND	0.0018 U
Toluene	0.7	0.7	ND-0.007	0.0018 U
trans-1,2-Dichloroethene	0.19	0.19	ND	0.0018 U
trans-1,3-Dichloropropene	NS	NS	ND	0.0018 U
Trichloroethene	0.47	0.47	ND	0.0018 U
Trichlorofluoromethane	NS	NS	ND	0.0018 U
Vinyl chloride	0.02	0.02	ND	0.0018 U
Total Conc	NS	NS	NA	0

Table 2
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-132-Composite 460-118140-2 8/3/2016 50
1,1'-Biphenyl	NS	NS	ND	18 U
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	18 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	18 U
2,3,4,6-Tetrachlorophenol	NS	NS	NA	18 U
2,4,5-Trichlorophenol	NS	NS	ND	18 U
2,4,6-Trichlorophenol	NS	NS	ND	7.4 U
2,4-Dichlorophenol	NS	NS	ND	7.4 U
2,4-Dimethylphenol	NS	NS	ND	18 U
2,4-Dinitrophenol	NS	NS	ND	15 U
2,4-Dinitrotoluene	NS	NS	ND	3.7 U
2,6-Dinitrotoluene	NS	NS	ND	3.7 U
2-Chloronaphthalene	NS	NS	ND	18 U
2-Chlorophenol	NS	NS	ND	18 U
2-Methylnaphthalene	NS	NS	ND-0.95	0.45 J
2-Methylphenol	0.33	0.33	ND	18 U
2-Nitroaniline	NS	NS	ND	18 U
2-Nitrophenol	NS	NS	ND	18 U
3,3'-Dichlorobenzidine	NS	NS	ND	7.4 U
3-Nitroaniline	NS	NS	ND	18 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	15 U
4-Bromophenyl phenyl ether	NS	NS	ND	18 U
4-Chloro-3-methylphenol	NS	NS	ND	18 U
4-Chloroaniline	NS	NS	ND	18 U
4-Chlorophenyl phenyl ether	NS	NS	ND	18 U
4-Methylphenol	0.33	0.33	ND-0.065	18 U
4-Nitroaniline	NS	NS	ND	18 U
4-Nitrophenol	NS	NS	ND	37 U
Acenaphthene	20	98	ND-5.1	1.4 J
Acenaphthylene	100	107	ND-0.79	18 U
Acetophenone	NS	NS	ND	18 U
Anthracene	100	500	ND-14	2.3 J
Atrazine	NS	NS	NA	7.4 U
Benzaldehyde	NS	NS	NA	18 U
Benzo[a]anthracene	1	1	ND-41	**6.1**
Benzo[a]pyrene	1	1	ND-31	**5**
Benzo[b]fluoranthene	1	1.7	ND-100	**6.2**
Benzo[g,h,i]perylene	100	500	ND-8	4.9 J
Benzo[k]fluoranthene	0.8	1.7	ND-36	**2**
Bis(2-chloroethoxy)methane	NS	NS	ND	18 U
Bis(2-chloroethyl)ether	NS	NS	ND	1.8 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5.5	18 U
Butyl benzyl phthalate	NS	NS	ND-3.9	18 U
Caprolactam	NS	NS	NA	18 U
Carbazole	NS	NS	ND-10	1.1 J
Chrysene	1	1	ND-48	**6.1 J**
Dibenz(a,h)anthracene	0.33	0.56	ND-5.2	1.8 U
Dibenzofuran	7	210	ND-0.76	0.71 J
Diethyl phthalate	NS	NS	ND-0.71	18 U
Dimethyl phthalate	NS	NS	ND	18 U
Di-n-butyl phthalate	NS	NS	ND-0.15	18 U
Di-n-octyl phthalate	NS	NS	ND-0.16	18 U
Fluoranthene	100	500	ND-89	14 J
Fluorene	30	386	ND-5.8	1.1 J
Hexachlorobenzene	0.33	3.2	ND	1.8 U
Hexachlorobutadiene	NS	NS	ND	3.7 U
Hexachlorocyclopentadiene	NS	NS	ND	18 U
Hexachloroethane	NS	NS	ND	1.8 U
Indeno[1,2,3-cd]pyrene	0.5	5.6	ND-10	5.2
Isophorone	NS	NS	ND-0.28	7.4 U
Naphthalene	12	12	ND-1.3	0.95 J
Nitrobenzene	NS	NS	ND	1.8 U
N-Nitrosodi-n-propylamine	NS	NS	ND-0.82	1.8 U
N-Nitrosodiphenylamine	NS	NS	ND-1.9	18 U
Pentachlorophenol	0.8	0.8	ND-0.11	15 U
Phenanthrene	100	500	ND-49	7.5 J
Phenol	0.33	0.33	ND	18 U
Pyrene	100	500	ND-100	13 J
Total Conc	NS	NS	NA	78.01

Table 3
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-132-Composite 460-118140-2 8/3/2016 1/4 † 	SP-133-Composite 460-118140-3 8/3/2016 1/4 †
Aluminum	**NS**	**NS**	**1,000-9,920**	6,220	6,610
Antimony	**NS**	**NS**	**ND-41.7**	3.9 U	3.8 U
Arsenic	**13**	**16**	**5.4-307**	**75**	**65.3**
Barium	**350**	**400**	**ND-232**	92.4	89.1
Beryllium	**7.2**	**47**	**0.32-8.45**	0.39 U	0.38 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.78 U	0.76 U
Calcium	**NS**	**NS**	**97.6-37,200**	20,400	25,600
Chromium	**30***	**19**	**ND-133**	**28.6**	**27.4**
Cobalt	**NS**	**NS**	**ND-24.1**	10.2	9 J
Copper	**50**	**270**	**33.3-653**	122	118
Iron	**NS**	**NS**	**3,620-120,000**	25,200	22,400
Lead	**63**	**450**	**ND-729**	300	216
Magnesium	**NS**	**NS**	**506-53,000**	9,220	8,700
Manganese	**1,600**	**2,000**	**17.9-1,060**	347	316
Mercury	**0.18**	**0.73**	**ND-0.57**	0.35	0.45
Nickel	**30**	**130**	**20.7-464**	101	79.5
Potassium	**NS**	**NS**	**186-2,250**	932 J	990
Selenium	**3.9**	**4**	**ND-3.4**	1.6 J	1.4 J
Silver	**2**	**8.3**	**ND**	0.42 J	0.43 J
Sodium	**NS**	**NS**	**169-1,430**	556 J	654 J
Thallium	**NS**	**NS**	**ND**	3.9 U	3.8 U
Vanadium	**NS**	**NS**	**ND-79**	42.1	40.5
Zinc	**109**	**2,480**	**32.7-736**	186	181

† ***Dilution factor varies***

Table 4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls and Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated Biphenyls - mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-132-Composite 460-118140-2 8/3/2016	SP-133-Composite 460-118140-3 8/3/2016
Aroclor 1016	NS	NS	ND	0.075 U	0.071 U
Aroclor 1221	NS	NS	ND	0.075 U	0.071 U
Aroclor 1232	NS	NS	ND	0.075 U	0.071 U
Aroclor 1242	NS	NS	ND	0.075 U	0.071 U
Aroclor 1248	NS	NS	ND-240	0.075 U	0.071 U
Aroclor 1254	NS	NS	ND	0.075 U	0.071 U
Aroclor 1260	NS	NS	ND	0.075 U	0.071 U
Aroclor 1262	NS	NS	ND	0.075 U	0.071 U
Aroclor 1268	NS	NS	ND	0.075 U	0.071 U
Total PCBs	0.1	1	NA	0.075 U	0.071 U

Pesticides - mg/kg	mg/kg	mg/kg	mg/kg		
4,4'-DDD	0.0033	14	ND-0.061	0.0076	0.0067 J
4,4'-DDE	0.0033	17	ND-0.042	0.0033 J	0.0035 J
4,4'-DDT	0.0033	47	ND-0.096	0.0082	0.0058 J
Aldrin	0.005	0.19	ND	0.0075 U	0.0071 U
alpha-BHC	0.02	0.02	ND	0.0022 U	0.0021 U
beta-BHC	0.036	0.09	ND	0.0022 U	0.0021 U
Chlordane (technical)	NS	2.9	ND	0.075 U	0.071 U
delta-BHC	0.04	0.25	ND	0.0022 U	0.0021 U
Dieldrin	0.005	0.1	ND	0.0022 U	0.0021 U
Endosulfan I	2.4 TS	102 TS	ND	0.0075 U	0.0071 U
Endosulfan II	2.4 TS	102 TS	ND-0.033	0.0075 U	0.0071 U
Endosulfan sulfate	2.4 TS	200 TS	ND-0.069	0.0075 U	0.0071 U
Endrin	0.014	60	ND	0.0075 U	0.0071 U
Endrin aldehyde	NS	NS	NA	0.0075 U	0.0071 U
Endrin ketone	NS	NS	ND	0.0075 U	0.0071 U
gamma-BHC (Lindane)	0.1	100	ND	0.0022 U	0.0021 U
Heptachlor	0.042	380	ND-0.061	0.0075 U	0.0071 U
Heptachlor epoxide	NS	NS	ND	0.0075 U	0.0071 U
Methoxychlor	NS	NS	ND	0.0075 U	0.0071 U
Toxaphene	NS	NS	ND	0.075 U	0.071 U

Tables 1-4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS	:	No soil cleanup objective listed.
ND	:	No Detect
NA	:	Not applicable
U / U*	:	The analyte was not detected at the indicated concentration.
J	:	The concentration given is an estimated value.
TS	:	Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives	:	Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP)	:	Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are highlighted in bold font.

Site Background Ranges	:	Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note	:	When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.
*****	:	Trivalent chromium standard
mg/kg	:	milligrams per kilogram = parts per million (ppm)

ATTACHMENT A

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Wednesday, August 31, 2016 2:22 PM
To: Asya Bychkov
Cc: Ashutosh Sharma; Robert Caravella; Marcus Simons; Michelle Lapin; O'Connell, Jane H (DEC); Selmer, Stephanie L. (HEALTH)
Subject: RE: NY Wheel V-00228 Daily Report

Asya: It is okay to reuse the soil referenced in the August 19 re-use request under the garage slab. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Friday, August 19, 2016 11:21 AM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: Ashutosh Sharma <asharma@akrf.com>; Robert Caravella <rcaravella@akrf.com>; Marcus Simons <msimons@akrf.com>; Michelle Lapin <mlapin@akrf.com>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Selmer, Stephanie L. (HEALTH) <stephanie.selmer@health.ny.gov>
Subject: RE: NY Wheel V-00228 Daily Report

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Nigel,

The daily reports and CAMP logs for August 18 are attached.

Could you also review the attached soil reuse request? It's for a very small quantity of soil that would be under the Garage slab. The full file with lab data has been uploaded to the link below. Sorry about the multiple requests – this is not as urgent as the combustible monitoring system review, but it would be great if you could look at it next week.

Thanks!
Asya

AKRF WebFolders LogOn Instructions

Below are instructions for securely sending/receiving large files for project via AKRF's Extranet:

Click on (or otherwise navigate to): https://nyctransfer.akrf.com

Login with credentials:

Username: **NYwheelV00228**
Password: **Soilreuse021616**
[Please Note: Username and Password are cAsE sEnsItive]

A window should appear where you can:
Select extranet files to transfer to your computer; or
Select files on your computer to transfer to the extranet.

Notes:

As of 7/1/14: Files stored on AKRF's WebFolders system are available for thirty days only, based on the date they were uploaded.

WebFolders works best with the latest version of your web browser. If you are using an older web browser or a mobile phone, you may have trouble using the "full version" of the site: After a successful login, try the "View Lite Version" link at the bottom of the page.

If you are having trouble, contact your IT department. For password issues, contact AKRF's IT Help Desk (646) 388-9729 or email us.

This site can also be reached from http://www.akrf.com

(on the top menu, select "extranet" --> clients).

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September 13, 2016

Nigel N. Crawford, P.E.
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
47-40 21st Street
Long Island City, NY 11101

Re: **Ballpark at St. George Station – NYSDEC Site #V00228**
Soil Reuse Approval Request

Dear Mr. Crawford:

This letter addresses an approximately 1,500-cubic yard soil stockpile at the New York Wheel portion (the "Site") of the Ballpark at St. George Station Site. This stockpile consists of soil excavated from the Terminal area on the southeastern portion of the Site.

Soil from this stockpile is proposed to be reused under impervious surfaces or under landscaped areas (such as landscaping surrounding the Wheel). As such, in accordance with the Site Management Plan (SMP) (AKRF, February 2015), on August 26, 2016, this stockpile was sampled for potential reuse. Attached is the laboratory analytical data for your review, and this letter requests approval of on-site reuse.

Sample frequency was determined by Table 6 of the SMP, as modified by your November 4, 2015 email approving a lower frequency of sampling for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Two grab samples (SP-134-Grab and SP-135-Grab) were collected for VOC analysis; two 5-point composite (SP-134-Composite and SP-134-Composite) for SVOC analysis; and three 5-point composites (SP-134-Composite, SP-135-Composite, and SP-137-Composite) for pesticide, polychlorinated biphenyl (PCB), and TAL Metals analysis. In addition, for QA/QC purposes, duplicates of grab and composite samples, matrix spike/matrix spike duplicate (MS/MSD samples), and a trip blank were collected and analyzed. Sample SP-136-Grab was a duplicate of SP-135-Grab, and sample SP-136-Composite was a duplicate of SP-135-Composite. The QA/QC samples were analyzed for VOCs, SVOCs, pesticides, PCBs, and TAL metals, with the exception of the trip blank, which was analyzed for VOCs only. The stockpiled soil was field-screened for VOCs with a photoionization detector (PID) during excavation and during stockpile sampling, but no elevated readings were detected.

In accordance with the SMP, the data was compared to previously measured Site background levels (BLs) obtained during investigations in 1998-99, and to the lower of the Part 375-6.8(b) Commercial Use and Protection of Groundwater Soil Cleanup Objectives (CSCOs and PGSCOs) (Table 5 of the SMP).

The laboratory analytical results are summarized on the attached Tables 1 to 4. Complete laboratory analytical data is included as *Attachment A*. All four samples only exhibited an exceedance of BLs for

silver, detected at approximately 1 to 1.3 parts per million (ppm), above the BL of "non-detectable." These levels are not of concern as they are below the Unrestricted Use SCO of 2 ppm, as well as the CSCO (1,500 ppm) and PGSCO (8.3 ppm). There were no other exceedances of BLs.

The following compounds exceeded SCOs, but not BLs: arsenic (13.9 to 82.5 ppm, above the PGSCO and CSCO of 16 ppm), chromium (22.2 to 36.6 ppm, above the PGSCO of 19 ppm), benzo(a)anthracene (1.5 to 3.8 ppm, above the PGSCO of 1 ppm), benzo(a)pyrene (1.6 to 3.5 ppm, above the CSCO of 1 ppm but below the PGSCO of 22 ppm), benzo(b)fluoranthene (2.6 to 4.5 ppm, above the PGSCO of 1.7 ppm), benzo(k)fluoranthene (0.89 to 1.8 ppm, above the PGSCO of 1.7 ppm), chrysene (1.7 to 4.2 ppm, above the PGSCO of 1 ppm), and dibenzo(a,h)anthracene (0.24 to 0.67 ppm, above the CSCO of 0.56 ppm but below the PGSCO of 1,000 ppm).

Historical groundwater and surface water sampling results (included as Attachment B to this letter) indicate that only one of 32 groundwater samples, MW-15 [arsenic concentration of 102 parts per billion (ppb) total and 78 ppb dissolved] contained arsenic above its Class GA standard of 25 parts per billion, and arsenic was not detected in other groundwater or surface water samples, indicating no significant impact to groundwater. None of the other compounds exceeding SCOs these samples were associated with groundwater detections above Class GA standards. Thus, based on the absence of groundwater impacts due to compounds in SP-134 through SP-137, the 1,500 cubic yards represented by these samples are proposed to be reused within the Ballpark at St. George Station Site (V-00228), beneath the final cap (either pervious or impervious).

Please confirm that the above is acceptable.

Sincerely,
AKRF, Inc.

Marcus Simons
Senior Vice President

M:\AKRF Project Files\11568 - NY Wheel\Construction Oversight\Under the Cap Soil - Waste Characterization\Terminal Pile on Bank St\NY Wheel_Soil Reuse Request_09062016.doc

cc: Asya Bychkov, Robert Caravella, Michelle Lapin / AKRF
Jane O'Connell / NYSDEC
Stephanie Selmer / NYSDOH

Table 1
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-134-Grab 460-119223-1 8/26/2016	SP-135-Grab 460-119223-3 8/26/2016	SP-136-Grab 460-119223-6 8/26/2016	Trip Blank 460-119223-8 8/26/2016 µg/L
1,1,1-Trichloroethane	680	680	ND	1.5 U	1.4 U	2.2 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	ND-5.7	1.5 U	1.4 U	2.2 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	NA	1.5 U	1.4 U	2.2 U	1 U
1,1,2-Trichloroethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
1,1-Dichloroethane	270	270	ND	1.5 U	1.4 U	2.2 U	1 U
1,1-Dichloroethene	330	330	ND	1.5 U	1.4 U	2.2 U	1 U
1,2,3-Trichlorobenzene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
1,2,4-Trichlorobenzene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
1,2-Dichlorobenzene	1,100	1,100	ND	1.5 U	1.4 U	2.2 U	1 U
1,2-Dichloroethane	20	20	ND	1.5 U	1.4 U	2.2 U	1 U
1,2-Dichloropropane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
1,3-Dichlorobenzene	2,400	2,400	ND	1.5 U	1.4 U	2.2 U	1 U
1,4-Dichlorobenzene	1,800	1,800	ND	1.5 U	1.4 U	2.2 U	1 U
1,4-Dioxane	100	100	ND	31 U	28 U	44 U	50 U
2-Butanone (MEK)	120	120	ND-22	7.7 U	7 U	11 U	5 U
2-Hexanone	NS	NS	ND-20	7.7 U	7 U	11 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	NS	ND-23	7.7 U	7 U	11 U	5 U
Acetone	50	50	ND-57	7.7 U	7 U	11 U	5 U
Benzene	60	60	ND	1.5 U	1.4 U	2.2 U	1 U
Bromoform	NS	NS	ND	1.5 U *	1.4 U *	2.2 U *	1 U
Bromomethane	NS	NS	ND	1.5 U *	1.4 U *	2.2 U *	1 U
Carbon disulfide	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Carbon tetrachloride	760	760	ND	1.5 U	1.4 U	2.2 U	1 U
Chlorobenzene	1,100	1,100	ND	1.5 U	1.4 U	2.2 U	1 U
Chlorobromomethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Chlorodibromomethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Chloroethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Chloroform	370	370	ND-10	1.5 U	1.4 U	2.2 U	1 U
Chloromethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
cis-1,2-Dichloroethene	250	250	ND	1.5 U	1.4 U	2.2 U	1 U
cis-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Cyclohexane	NS	NS	NA	1.5 U	1.4 U	2.2 U	1 U
Dichlorobromomethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Dichlorodifluoromethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Ethylbenzene	1,000	1,000	ND	1.5 U	1.4 U	2.2 U	1 U
Ethylene Dibromide	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Isopropylbenzene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Methyl acetate	NS	NS	NA	7.7 U	7 U	11 U	5 U
Methyl tert-butyl ether	930	930	ND	1.5 U	1.4 U	2.2 U	1 U
Methylcyclohexane	NS	NS	NA	1.5 U	1.4 U	2.2 U	1 U
Methylene Chloride	50	50	ND-98	1.5 U	1.4 U	2.2 U	1 U
m-Xylene & p-Xylene	260 TS	1,600 TS	ND-1.3	1.5 U	1.4 U	2.2 U	1 U
o-Xylene	260 TS	1,600 TS	ND	1.5 U	1.4 U	2.2 U	1 U
Styrene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Tetrachloroethene	1,300	1,300	ND	1.5 U	1.4 U	2.2 U	1 U
Toluene	700	700	ND-7	1.5 U	1.4 U	2.2 U	1 U
trans-1,2-Dichloroethene	190	190	ND	1.5 U	1.4 U	2.2 U	1 U
trans-1,3-Dichloropropene	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Trichloroethene	470	470	ND	1.5 U	1.4 U	2.2 U	1 U
Trichlorofluoromethane	NS	NS	ND	1.5 U	1.4 U	2.2 U	1 U
Vinyl chloride	20	20	ND	1.5 U	1.4 U	2.2 U	1 U
Total Conc	NS	NS	NA	0	0	0	0

Table 2
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Semi-Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-134-Composite 460-119223-2 8/26/2016 1	SP-135-Composite 460-119223-4-DL 8/26/2016 2	SP-136-Composite 460-119223-5-DL 8/26/2016 10
1,1'-Biphenyl	NS	NS	ND	71 J	100 J	3,400 U
1,2,4,5-Tetrachlorobenzene	NS	NS	ND	350 U	680 U	3,400 U
2,2'-oxybis[1-chloropropane]	NS	NS	ND	350 U *	680 U *	3,400 U *
2,3,4,6-Tetrachlorophenol	NS	NS	NA	350 U	680 U	3,400 U
2,4,5-Trichlorophenol	NS	NS	ND	350 U	680 U	3,400 U
2,4,6-Trichlorophenol	NS	NS	ND	140 U	280 U	1,400 U
2,4-Dichlorophenol	NS	NS	ND	140 U	280 U	1,400 U
2,4-Dimethylphenol	NS	NS	ND	350 U	680 U	3,400 U
2,4-Dinitrophenol	NS	NS	ND	280 U	550 U	2,700 U
2,4-Dinitrotoluene	NS	NS	ND	71 U	140 U	680 U
2,6-Dinitrotoluene	NS	NS	ND	71 U	140 U	680 U
2-Chloronaphthalene	NS	NS	ND	350 U	680 U	3,400 U
2-Chlorophenol	NS	NS	ND	350 U	680 U	3,400 U
2-Methylnaphthalene	NS	NS	ND-950	270 J	420 J	170 J
2-Methylphenol	330	330	ND	350 U	680 U	3,400 U
2-Nitroaniline	NS	NS	ND	350 U	680 U	3,400 U
2-Nitrophenol	NS	NS	ND	350 U	680 U	3,400 U
3,3'-Dichlorobenzidine	NS	NS	ND	140 U	280 U	1,400 U
3-Nitroaniline	NS	NS	ND	350 U	680 U	3,400 U
4,6-Dinitro-2-methylphenol	NS	NS	ND	280 U	550 U	2,700 U
4-Bromophenyl phenyl ether	NS	NS	ND	350 U	680 U	3,400 U
4-Chloro-3-methylphenol	NS	NS	ND	350 U	680 U	3,400 U
4-Chloroaniline	NS	NS	ND	350 U	680 U	3,400 U
4-Chlorophenyl phenyl ether	NS	NS	ND	350 U	680 U	3,400 U
4-Methylphenol	330	330	ND-65	19 J	29 J	3,400 U
4-Nitroaniline	NS	NS	ND	350 U	680 U	3,400 U
4-Nitrophenol	NS	NS	ND	710 U	1,400 U	6,800 U
Acenaphthene	20,000	98,000	ND-5,100	240 J	880	360 J
Acenaphthylene	100,000	107,000	ND-790	200 J	190 J	200 J
Acetophenone	NS	NS	ND	24 J	680 U	3,400 U
Anthracene	100,000	500,000	ND-14,000	560	1,600	880 J
Atrazine	NS	NS	NA	140 U	280 U	1,400 U
Benzaldehyde	NS	NS	NA	28 J	680 U	3,400 U
Benzo[a]anthracene	1,000	1,000	ND-41,000	**1,500**	**3,800**	**3,600**
Benzo[a]pyrene	1,000	1,000	ND-31,000	**1,600**	**3,400**	**3,500**
Benzo[b]fluoranthene	1,000	1,700	ND-100,000	**2,600**	**4,500**	**4,300**
Benzo[g,h,i]perylene	100,000	500,000	ND-8,000	660	2,000	2,400 J
Benzo[k]fluoranthene	800	1,700	ND-36,000	890	**1,800**	**1,800**
Bis(2-chloroethoxy)methane	NS	NS	ND	350 U	680 U	3,400 U
Bis(2-chloroethyl)ether	NS	NS	ND	35 U	68 U	340 U
Bis(2-ethylhexyl) phthalate	NS	NS	ND-5,500	79 J	500 J	300 J
Butyl benzyl phthalate	NS	NS	ND-3,900	350 U	680 U	3,400 U
Caprolactam	NS	NS	NA	350 U	680 U	3,400 U
Carbazole	NS	NS	ND-10,000	240 J	760	460 J
Chrysene	1,000	1,000	ND-48,000	**1,700**	**4,200**	**3,700**
Dibenz(a,h)anthracene	330	560	ND-5,200	240	**670**	**650**
Dibenzofuran	7,000	210,000	ND-760	260 J	530 J	240 J
Diethyl phthalate	NS	NS	ND-710	350 U	680 U	3,400 U
Dimethyl phthalate	NS	NS	ND	350 U	680 U	3,400 U
Di-n-butyl phthalate	NS	NS	ND-150	350 U	680 U	3,400 U
Di-n-octyl phthalate	NS	NS	ND-160	350 U	680 U	3,400 U
Fluoranthene	100,000	500,000	ND-89,000	4,200	10,000	7,900
Fluorene	30,000	386,000	ND-5,800	210 J	800	360 J
Hexachlorobenzene	330	3,200	ND	35 U	68 U	340 U
Hexachlorobutadiene	NS	NS	ND	71 U *	140 U *	680 U *
Hexachlorocyclopentadiene	NS	NS	ND	350 U *	680 U *	3,400 U *
Hexachloroethane	NS	NS	ND	35 U	68 U	340 U
Indeno[1,2,3-cd]pyrene	500	5,600	ND-10,000	820	2,300	2,600
Isophorone	NS	NS	ND-280	18 J	28 J	1,400 U
Naphthalene	12,000	12,000	ND-1,300	560	650 J	340 J
Nitrobenzene	NS	NS	ND	35 U	68 U	340 U
N-Nitrosodi-n-propylamine	NS	NS	ND-820	35 U	68 U	340 U
N-Nitrosodiphenylamine	NS	NS	ND-1,900	350 U	680 U	3,400 U
Pentachlorophenol	800	800	ND-110	280 U	550 U	2,700 U
Phenanthrene	100,000	500,000	ND-49,000	1,800	5,800	3,300 J
Phenol	330	330	ND	350 U	680 U	3400 U
Pyrene	100,000	500,000	ND-100,000	1,700	4,700	4,400
Total Conc	NS	NS	NA	20,489	49,657	41,460

Table 3
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution mg/kg	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) mg/kg	Site Background Ranges mg/kg	SP-134-Composite 460-119223-2 8/26/2016 1/4† 	SP-135-Composite 460-119223-4 8/26/2016 1/4† 	SP-136-Composite 460-119223-5 8/26/2016 1/4† 	SP-137-Composite 460-119223-7 8/26/2016 1/4†
Aluminum	**NS**	**NS**	**1,000-9,920**	6,080	6,490	6,690	6,000
Antimony	**NS**	**NS**	**ND-41.7**	1.5 J	2.7 J	3.9	1.7 J
Arsenic	**13**	**16**	**5.4-307**	**59.4**	**82.5**	13.9	**46.8**
Barium	**350**	**400**	**ND-232**	89.4	110	94.8	81.2
Beryllium	**7.2**	**47**	**0.32-8.45**	0.35 U	0.34 U	0.78	0.33 U
Cadmium	**2.5**	**7.5**	**ND-7.1**	0.7 U	0.38 J	1.1	0.65 U
Calcium	**NS**	**NS**	**97.6-37,200**	17,400	22,000	21,900	17,800
Chromium	**30****	**19**	**ND-133**	**29.4**	**30.3**	**36.6**	**22.2**
Cobalt	**NS**	**NS**	**ND-24.1**	10.2	13.3	4.7 J	10.1
Copper	**50**	**270**	**33.3-653**	136	190	155	126
Iron	**NS**	**NS**	**3,620-120,000**	27,000	29,200	8,380	21,000
Lead	**63**	**450**	**ND-729**	248	326	127	195
Magnesium	**NS**	**NS**	**506-53,000**	8,570	9,510	7,910	4,840
Manganese	**1,600**	**2,000**	**17.9-1,060**	306	351	127	245
Mercury	**0.18**	**0.73**	**ND-0.57**	0.39	0.55	0.29	0.32
Nickel	**30**	**130**	**20.7-464**	100	111	40	68.1
Potassium	**NS**	**NS**	**186-2,250**	894	1,050	781 J	878
Selenium	**3.9**	**4**	**ND-3.4**	3.5 U	3.4 U	3.3 U	3.3 U
Silver	**2**	**8.3**	**ND**	1.3 J	1 J	1.2 J	1.2 J
Sodium	**NS**	**NS**	**169-1,430**	471 J	491 J	464 J	607 J
Thallium	**NS**	**NS**	**ND**	3.5 U	3.4 U	3.3 U	3.3 U
Vanadium	**NS**	**NS**	**ND-79**	32.5	44.1	140	38
Zinc	**109**	**2,480**	**32.7-736**	198	332	117	339

† ***Dilution factor varies***

Table 4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Polychlorinated Biphenyls & Pesticides

Client ID Lab Sample ID Date Sampled Polychlorinated biphenyls - µg/kg	NYSDEC Part 375 Unrestricted SCO µg/kg	NYSDEC Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP) µg/kg	Site Background Ranges µg/kg	SP-134-Composite 460-119223-2 8/26/2016	SP-135-Composite 460-119223-4 8/26/2016	SP-136-Composite 460-119223-5 8/26/2016	SP-137-Composite 460-119223-7 8/26/2016
Aroclor 1016	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1221	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1232	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1242	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1248	NS	NS	ND-240	71 U	70 U	68 U	69 U
Aroclor 1254	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1260	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor-1262	NS	NS	ND	71 U	70 U	68 U	69 U
Aroclor 1268	NS	NS	ND	71 U	70 U	68 U	69 U
Polychlorinated biphenyls, Total	100	1,000	NA	71 U	70 U	68 U	69 U
Total Conc	NS	NS	NA	0	0	0	0

Pesticides - µg/kg	µg/kg	µg/kg	µg/kg				
4,4'-DDD	3.3	14,000	ND-61	5 J	4.1 J	7	4.2 J
4,4'-DDE	3.3	17,000	ND-42	7.1 U	7 U	2.6 J	2 J
4,4'-DDT	3.3	47,000	ND-96	9.8	5.5 J	23	4.2 J
Aldrin	5	190	ND	7.1 U	7 U	6.8 U	6.9 U
alpha-BHC	20	20	ND	2.1 U	2.1 U	2 U	2.1 U
beta-BHC	36	90	ND	2.1 U	2.1 U	2 U	2.1 U
Chlordane (technical)	NS	2,900	ND	71 U	70 U	68 U	69 U
delta-BHC	40	250	ND	2.1 U	2.1 U	2 U	2.1 U
Dieldrin	5	100	ND	2.1 U	2.1 U	2 U	2.1 U
Endosulfan I	2,400 TS	102,000 TS	ND	7.1 U	7 U	6.8 U	6.9 U
Endosulfan II	2,400 TS	102,000 TS	ND-33	7.1 U	7 U	6.8 U	6.9 U
Endosulfan sulfate	2,400 TS	200,000 TS	ND-69	7.1 U	7 U	6.8 U	6.9 U
Endrin	14	60	ND	7.1 U	7 U	6.8 U	6.9 U
Endrin aldehyde	NS	NS	NA	7.1 U	7 U	6.8 U	6.9 U
Endrin ketone	NS	NS	ND	7.1 U	7 U	6.8 U	6.9 U
gamma-BHC (Lindane)	100	100	ND	2.1 U	2.1 U	2 U	2.1 U
Heptachlor	42	380	ND-61	7.1 U	7 U	6.8 U	6.9 U
Heptachlor epoxide	NS	NS	ND	7.1 U	7 U	6.8 U	6.9 U
Methoxychlor	NS	NS	ND	7.1 U	7 U	6.8 U	6.9 U
Toxaphene	NS	NS	ND	71 U	70 U	68 U	69 U

Tables 1-4
New York Wheel
Staten Island, NY
Stockpile Sampling Soil Analytical Results
Notes

GENERAL

NS	:	No soil cleanup objective listed.
ND	:	No Detect
NA	:	Not applicable
U / U*	:	The analyte was not detected at the indicated concentration.
J	:	The concentration given is an estimated value.
TS	:	Value represents a sum total standard.

SOIL

Part 375 Soil Cleanup Objectives	:	Soil Clean-up Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).
Part 375 lowest of Commercial/ Groundwater (Table 5 of SMP)	:	Criteria are the lower of 6NYCRR Part 375 SCOs for Commercial Use and Protection of Groundwater. These criteria apply to all imported soil, and to on-site reuse of soil within the 12-inch soil cap in landscaped areas. For reuse criteria beneath the Site cover, see Section A-7 of the Excavation Work Plan.

Exceedences of Part 375 Unrestricted Soil Cleanup Objectives are not marked.
Exceedences of Part 375 lowest of Commercial / Groundwater are highlighted in bold font.

Site Background Ranges	:	Background ranges for top 0-6 feet of on-site soil, obtained from Environmental Site Assessment Report - Former CSX St. George Railyard, TRC Environmental Corp., December 1998, and Supplemental Site Investigation Report - Ballpark at St. George Station, TRC Environmental Corp., September 1999.

Exceedences of Site Background Ranges are highlighted in gray.

Note	:	When Part 375 guideline is NS and Site Background guideline is ND, no exceedences are marked.
******	:	Trivalent chromium standard
mg/kg	:	milligrams per kilogram = parts per million (ppm)
µg/kg	:	micrograms per kilogram = parts per billion (ppb)
µg/L	:	micrograms per Liter = parts per billion (ppb)

ATTACHMENT A

ATTACHMENT B

Asya Bychkov

From: Crawford, Nigel (DEC)
Sent: Monday, September 19, 2016 3:28 PM
To: Asya Bychkov
Cc: O'Connell, Jane H (DEC)
Subject: RE: NY Wheel V-00228 Daily Report

Follow Up Flag: Follow up
Flag Status: Flagged

Asya: This soil may only be used under impervious material such as concrete. Nigel

---

From: Asya Bychkov [mailto:abychkov@akrf.com]
Sent: Tuesday, September 13, 2016 11:59 AM
To: Crawford, Nigel (DEC) <nigel.crawford@dec.ny.gov>
Cc: Ashutosh Sharma <asharma@akrf.com>; Robert Caravella <rcaravella@akrf.com>; Marcus Simons <msimons@akrf.com>; Michelle Lapin <mlapin@akrf.com>; O'Connell, Jane H (DEC) <jane.oconnell@dec.ny.gov>; Selmer, Stephanie L (HEALTH) <stephanie.selmer@health.ny.gov>
Subject: RE: NY Wheel V-00228 Daily Report

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Nigel,

The reuse request we just discussed is attached. Could you please review it? The full file is at the link below.

I'll call Jim Peronto and try to find out the status of the PRR.

Thanks!
Asya

AKRF WebFolders LogOn Instructions

Below are instructions for securely sending/receiving large files for project via AKRF's Extranet:

Click on (or otherwise navigate to): https://nyctransfer.akrf.com

Login with credentials:

Username: **NYwheelV00228**
Password: **Soilreuse021616**
[Please Note: Username and Password are cAsE sEnsItive]

A window should appear where you can:
Select extranet files to transfer to your computer; or
Select files on your computer to transfer to the extranet.

Notes:

As of 7/1/14: Files stored on AKRF's WebFolders system are available for thirty days only, based on the date they were uploaded.

WebFolders works best with the latest version of your web browser. If you are using an older web browser or a mobile phone, you may have trouble using the "full version" of the site: After a successful login, try the "View Lite Version" link at the bottom of the page.

If you are having trouble, contact your IT department. For password issues, contact AKRF's IT Help Desk (646) 388-9729 or email us.

This site can also be reached from http://www.akrf.com

(on the top menu, select "extranet" --> clients).

APPENDIX E
SOIL REUSE LABORATORY ANALYTICAL REPORTS

APPENDIX F
SITE INSPECTION LOGS AND PHOTOGRAPHS

ANNUAL SITE INSPECTION LOG
BALLPARK AT ST. GEORGE STATION

Inspected by: Steve Grens - AKRF
Date: 6/19/2025
Weather/Temperature: Sunny 86°F
Recent Significant Weather Events? Yes (No) Rain on 6/18/2025
If Yes, Describe:

			Status: Satisf	Status: Unsatisf	Corrective Action Required	Comment Number	Correction Date
SOIL COVER AREAS		Bare spots Sparse growth areas Weed encroachment Stressed vegetation Mulch coverage Settlement or subsistence Cracks Burrowing/animal intrusion Erosion Visibility of white filter fabric Any recent excavation/disturbance? If yes, was cover adequately repaired?	NA ↓ Y Y NA	(N) N	Portions of the have a temporary ~3/4" gravel cover on the northern and Eastern Portions of the Site No Corrective Action Required	(1)	
PAVED SURFACES	CONCRETE, ASPHALT, PAVERS	Cracks Depressions Bumps Potholes Exposed underlying soil Any recent pavement repairs? If yes, was pavement adequately repaired?	Y Y Y Y Y Pending	N	Minor Surficial Cracking noted on Asphalt Pavement Sitewide - No Breaches to exposed Soil 1 Pothole ~ 2'x3' with exposed Soil on Northeastern portion of Site by Shore.	(2)	
STORMWATER CONTROL DEVICES	SWALES	Vegetative cover Erosion	NA				
	CATCH BASINS	Sediment accumulation Trash accumulation	NA				
	STORMCEPTORS	Sediment accumulation Measured sediment thickness - STC 2400 (up to 12-inches is acceptable) Measured sediment thickness - STC 3600 (up to 15 inches is acceptable) Oil accumulation Floatable debris	NA				
	DETENTION BASINS	**EASTERN BASIN #1** Mulch coverage Vegetative cover Undesirable vegetative growth Standing water/wet spots Presence of floating/floatable debris General trash accumulation Sediment accumulation Erosion Geosynthetic clay liner exposed? Outfall condition Stone covering Erosion Storm drain pipes Low flow orifice obstructed? Low flow trash rack obstructed? Weir trash rack obstructed? Endwalls/headwalls	Y Y Y Y	N N N	Located off Site.		

Comments are provided at the end of the log

Inspector's Initials: SG

ANNUAL SITE INSPECTION LOG
BALLPARK AT ST. GEORGE STATION

			Status		Corrective Action Required	Comment Number	Correction Date
			Satisf	Unsatisf			
STORMWATER CONTROL DEVICES	DETENTION BASINS (continued)	**EASTERN BASIN #2**					
		Mulch coverage					
		Vegetative cover					
		Undesirable vegetative growth					
		Standing water/wet spots					
		Presence of floating/floatable debris					
		General trash accumulation			Located Off-site		
		Sediment accumulation					
		Erosion					
		Geosynthetic clay liner exposed?	Y	N			
		Outfall condition					
		Stone covering					
		Erosion					
		Storm drain pipes					
		Low flow orifice obstructed?	Y	N			
		Low flow trash rack obstructed?	Y	N			
		Weir trash rack obstructed?	Y	N			
		Endwalls/headwalls					
		CENTRAL BASIN					
		Mulch coverage					
		Vegetative cover					
		Undesirable vegetative growth					
		Standing water/wet spots			Basin Decommisioned		
		Presence of floating/floatable debris					
		General trash accumulation					
		Sediment accumulation					
		Erosion					
		Geosynthetic clay liner exposed?	Y	N			
		Outfall condition					
		Stone covering					
		Erosion					
		Storm drain pipes					
		Low flow orifice obstructed?	Y	N			
		Low flow trash rack obstructed?	Y	N			
		Weir trash rack obstructed?	Y	N			
		Endwalls/headwalls					
		WESTERN BASIN					
		Mulch coverage	NA				
		Vegetative cover	Y				
		Undesirable vegetative growth	Y				
		Standing water/wet spots				3	
		Presence of floating/floatable debris					
		General trash accumulation					
		Sediment accumulation					
		Erosion					
		Geosynthetic clay liner exposed?	Y	N			
		Outfall condition	Y		- Thick vegetative growth noted.		
		Stone covering	Y				
		Erosion	Y				
		Storm drain pipes	Y				
		Low flow orifice obstructed?	Y	N	• Silt fence along shore line needs Repair		
		Low flow trash rack obstructed?	Y	N			
		Weir trash rack obstructed?	Y	N			
		Endwalls/headwalls					

Comments are provided at the end of the log

Inspector's Initials: SG

Date: 6/19/2025

ANNUAL SITE INSPECTION LOG
BALLPARK AT ST. GEORGE STATION

			Status		Corrective Action Required	Comment Number	Correction Date
			Satisf	Unsatisf			
SHORELINE PROTECTION		SD-4 Remediation Area Riprap coverage Visibility of gravel backfill Visibility of black filter fabric Photodocumentation conducted? SD-6 Remediation Area Riprap coverage Visibility of gravel backfill Visibility of black filter fabric Photodocumentation conducted? Remaining Riprap Areas Stormwater Outfalls Riprap coverage	NA	N	Located off-site		
GAS VENTING & MONITORING SYSTEMS	EXTERIOR VENT PIPING	Northwestern (Left Field) Vent Piping General condition Corrosion Cap/Screen Fencing Northeastern (Right Field) Vent Piping General condition Corrosion Cap/Screen Fencing	NA		located off site		
	INTERIOR FLOOR SLAB	Cracking Holes Joints		N	Slab is Intact		
	RECORD-KEEPING	Quarterly calibration documentation Quarterly inspection documentation Status reports History reports Key event reports			• Gas monitoring system to be installed. • SSDS in good condition - Passive		

Inspector Signature: _____ Inspector Name: Steve Greis

Date: 6/19/2025 PE License #: N/A

COMMENTS

COMMENT NUMBER	COMMENT
1	Portions of the northeastern and eastern most portion of the site had temporary gravel cover (~3/4") was present in areas that were previously repaired.
2	Minor Surficial cracking noted on Asphalt pavement Sitewide, but no Breaches. There was one small depressed pothole ~2'x3' on northeastern portion of the site that needs repair. Storm damage evident - exposed soil observed.
3	Silt Fencing damaged or missing along Northern Portion of the Shoreline.

Inspector's Initials SG

Site-Wide Inspection Form
Ballpark at St. George Stadium Site (VCA Site No. V-00228) - North Site 1
1 Bank Street, Staten Island, NY

Inspector: Steve Grens

Date: 6/19/2025

1. Site Use Restrictions

No on-site vegetable gardens? **No.**

No groundwater withdrawal for potable/non-potable use? **No.**

Restricted commercial use maintained? **Yes.**

2. Site Cap

Note the date that the annual site cover inspection was performed:

Repairs made as noted during inspection? **Much of historical North Site 1 cap disturbed by NY Wheel construction. North Site 1 is partially re-capped. Areas where permanent site cap has not been installed will be capped in the course of future construction, which will be documented in future PRRs. Cracks were noted in an asphalt driveway west of the Garage and in temporary asphalt cover on the eastern side of the Site, but did not penetrate through asphalt pavement. One small pothole (approximately 2 feet by 3 feet) was noted in temporary asphalt cover between North Site 1 and the fence along the shoreline, with subsurface soil exposed. This area was surrounded by chain-link fence and not accessible to the public.**

3. Soil Management

Note the date(s) of any soil disturbance activities conducted during the past year: **No soil disturbance as of most recent site inspection (6/19/2025) conducted by AKRF; soil disturbance on hold after 9/2017.**

Proper soil management procedures implemented. **Air monitoring conducted during past soil disturbance in accordance with the SMP. Stockpiles placed on poly sheeting, covered with tarps and surrounded by silt fence. Damage to tarps and some fallen silt fence noted at the time of the visit. However, North Site 1 stockpiles are covered with vegetation, and no evidence of soil runoff was noted.**

4. Recordkeeping

Check that the following records/reports are being maintained/completed (note report/log dates as appropriate):

1) Annual site cover inspection log **Yes - most recent log dated 6/19/2025 (AKRF).**

2) Close-out report(s) for soil disturbance activities (including manifests for soil disposal) **N/A (construction is partially completed, may entail additional soil disturbance). Pre-construction activities including initial V00228 remediation and capping documented in Final Engineering Report (TRC Environmental Corporation, March 2006).**

5. Comments

(Note any deficiencies and recommendations for corrective actions.) **Installation of several ECs (Site cover, SSDS system) partially completed, and will be documented in subsequent PRRs. Damaged tarps and some fallen silt fence noted at stockpiles. Stockpiles are vegetated, with no soil runoff noted. Silt fence to be repaired. SWPPP inspections are conducted monthly to monitor condition of North Site 1. Inlet protection on the western side of North Site 1 to be maintained pending placement of final Site cap.**

SUB-SLAB DEPRESSURIZATION SYSTEM INSPECTION FORM

BALLPARK AT ST. GEORGE STADIUM SITE - VCA Site No. V-00228 - North Site 1

Inspector Name:	Steve Grens	**Date:**	6/19/2025
Time IN:	9:00	**Time OUT:**	12:00

GENERAL

Weather: Clear Temperature: 85 °F Barometric Pressure: 29.82 inHg

When was the last rain event? 6/18/2025

Are all system fans operating? Yes / No / **N/A** (circle one)

If no, please list:

Any evidence of system tampering, vandalism or damage? No

Are all cleanout/sampling port caps securely attached? Yes

If no, please list location and corrective action:

TERMINAL BUILDING SSDS/FAN OPERATIONS (IF APPLICABLE)

LOCATION	Vacuum Below Fan "H_2O	PID ppb	FID ppb	Methane [1] %	LEL %	O2 [2] %	CO %	Notes
Ground fl. near SSDS risers	N/A (passive)	ND	ND	ND	ND	20.9	ND	
SSDS riser roof termination	N/A (passive)	ND	ND	ND	ND	20.9	ND	

Comments: None

Notes:
1. Any methane levels above 3% by volume should be reported to AKRF immediately.
2. Normal oxygel level is 19.5 - 21% in ambient air.

CONDITION OF FOUNDATION SLABS

Are there any signs of cracking or other damage? Yes / **No** (circle one)

If yes, please list:

Recommended corrective action: No corrective action recommended.

Photograph 1. An area of subsidence located northeast of North Site 1, between North Site 1 and the chain-link fence along the shoreline. View facing north.

Photograph 2. The northern portion of North Site 1, view northeast from the roof of the Terminal Building.

Photograph 3. The eastern portion of North Site 1, view southwest. Note surficial cracks in asphalt and overgrown vegetation. The area where damage to the temporary Site cover (noted in June 2023) was repaired by adding gravel is marked with a red arrow.

Photograph 4. The eastern portion of North Site 1, view south. Note surficial cracks in asphalt/concrete and overgrown vegetation..

Photograph 5. The northern portion of North Site 1, view northwest from the roof of the Terminal Building.

Photograph 6. The parking garage entrance driveway on the western portion of the Site. Note the surficial crack in the pavement, marked with a red arrow.

Photograph 7. Foundation slab in the southern portion of the Garage.

Photograph 8. Foundation slab in the northern portion of the Garage.

Photograph 9. Foundation slab in the Terminal Building.

Photograph 10. SSDS risers on the western side of the Terminal Building.

Photograph 11. The SSDS riser (red arrow) passing through an open space in the Terminal Building.

Photograph 12. The SSDS riser (red arrow) on the Terminal Building roof.

Photograph 13. Southeastern view of an off-site stormwater detention basin northwest of North Site 1. Overgrown vegetation is visible in the basin.

Photograph 14. Temporary gravel cover in the northwestern portion of North Site 1, view southeast.

Photograph 15. The stormwater outfall and riprap along the shoreline located adjacent to the northeastern portion of North Site 1 (off-site).

Photograph 16. Soil excavated from North Site 1 and stockpiled along Bank Street, showing dense vegetative cover, view west. Some damaged tarps (red arrow) and fallen silt fence (blue arrow) are noted.

Photograph 17. Soil excavated from North Site 1 stockpiled along Bank Street, showing vegetative cover, view southeast.

Photograph 18. Area of fallen chain-link fencing and damaged fence cover fabric along the northern edge of North Site 1, view northwest.

Photograph 19. Repairs to fallen silt fencing along the soil stockpile on Bank Street, view west (photo provided by site maintenance staff on June 27, 2025).

Photograph 20. Repairs to fallen silt fencing along the soil stockpile on Bank Street, view west (photo provided by site maintenance staff from June 27, 2025).

APPENDIX G
INSTITUTIONAL AND ENGINEERING CONTROL CERTIFICATION FORMS

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00228** (North Site 1)

Site Name Ballpark at St. George Station

Site Address: Between North Ramp and Jersey St., Block 2, Lot ~~20~~ 22 Zip Code: 10301
City/Town: Staten Island
County: Richmond
Site Acreage: ~~52.000~~ 8.9

Reporting Period: ~~May 31, 2024 to May 31, 2025~~ June 28, 2024 - June 19, 2025

	YES	NO
1. Is the information above correct?	☐	☒
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

SITE NO. V00228 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
2-20	New York City Economic Development Corp	Ground Water Use Restriction
		Landuse Restriction

1) Declaration of Covenants shall run with the land
2) Prohibition of land use for purpose other than sports stadium, parking lots, esplanade
3)Prohibition of groundwater use
4)ECs - sub-slab methane venting system and gas monitoring system
5) Shall be no excavation unless prior approval by DEC:
deeper than 18 inch clean soil
No excavation deeper than 18 inch to prevent damage to demarcation layer
In paved areas - no excavation below underlaying imported subgrade layer
In areas covered by buildings - no excavation below the footprint of such structures and underlying imported subgrade materials.

Box 4

Description of Engineering Controls

Parcel	Engineering Control	Completed? Y/N
2-~~20~~ 22	Vapor Mitigation	**Y**
	Cover System	**N**
	Subsurface Barriers	**Y**

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00228

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Ian Taylor (SVP of NYC EDC) at One Liberty Plaza, 14th Floor,
print name print business address

am certifying as Owner (On behalf of City of NY) (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Ian Taylor (Jul 14, 2025 14:06 EDT)

(On behalf of City of NY) 07/14/2025

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I **Michelle Lapin** at **440 Park Avenue South, 7th Floor, New York, NY 10016**,
print name — print business address

am certifying as a Professional Engineer for the **AKRF, Inc.**
(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		7/9/2025

APPENDIX H
CORRESPONDENCE WITH NYSDEC

January 9, 2025

Rasheed Lucas
NYC Economic Development Corp.
One Liberty Plaza
New York, NY 10006

Re: Ballpark at St. George Station
Site No.: V00228
Site Management (SM) Periodic Review Report (PRR) Response Letter

Dear Rasheed Lucas:

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for the following period: July 1, 2023 to June 21, 2024.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year, your next PRR is due on July 15, 2025. Please ensure that the final inspection of the certifying period is completed as close to the end of the certifying period as possible to ensure that the IC/EC form reflects certification of the entire 1 year period.

You will receive a reminder letter and updated certification form 45-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 718-482-7541 or e-mail: wendi.zheng@dec.ny.gov.

Sincerely,
Wendi Zheng
Wendi Zheng
Project Manager

ec: Jane O'Connell, Andre Obligado – NYSDEC
Scarlett McLaughlin, Stephanie Selmer – NYSDOH
James Peronto – TRC Environmental Corporation

4/15/2025

Rasheed Lucas
Assistant Vice President, Land Use Department
NYC ECONOMIC DEVELOPMENT CORP
One Liberty Plaza
New York, NY 10006
rlucas@edc.nyc

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Ballpark at St. George Station
Site No.: V00228
Site Address: Between North Ramp and Jersey St., Block 2, Lot 20
Staten Island, NY 10301

Dear Rasheed Lucas:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **June 30, 2025**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

https://fts.dec.state.ny.us/fts/

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Wendi Zheng, the Project Manager, at 718-482-7541 or wendi.zheng@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

ec: w/ enclosures
Wendi Zheng, Project Manager
Andre Obligado, Chief, Region 2 Remediation Section C
Jane O'Connell, Hazardous Waste Remediation Supervisor, Region 2
TRC Environmental Corp - James Peronto, P.E., LEED AP - JPeronto@trcsolutions.com

The following parcel owner did not receive an ec:
New York City Economic Development Corp - Parcel Owner
Nyc Dept. Of Small Business Services - Parcel Owner

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. V00228

Site Name Ballpark at St. George Station

Site Address: Between North Ramp and Jersey St., Block 2, Lot 20 Zip Code: 10301
City/Town: Staten Island
County: Richmond
Site Acreage: 52.000

Reporting Period: May 31, 2024 to May 31, 2025

	YES	NO
1. Is the information above correct?	☐	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☐	☐
7. Are all ICs in place and functioning as designed?	☐	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. V00228 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
2-20	New York City Economic Development Corp	Ground Water Use Restriction
		Landuse Restriction

1) Declaration of Covenants shall run with the land
2) Prohibition of land use for purpose other than sports stadium, parking lots, esplanade
3)Prohibition of groundwater use
4)ECs - sub-slab methane venting system and gas monitoring system
5) Shall be no excavation unless prior approval by DEC:
deeper than 18 inch clean soil
No excavation deeper than 18 inch to prevent damage to demarcation layer
In paved areas - no excavation below underlaying imported subgrade layer
In areas covered by buildings - no excavation below the footprint of such structures and underlying imported subgrade materials.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
2-20	Vapor Mitigation
	Cover System
	Subsurface Barriers

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☐	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☐	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. V00228

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

_____ _____
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I _____ at _____,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

_____	_____	_____
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

APPENDIX I
DATA USABILITY SUMMARY REPORT (DUSR)

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC/INORGANIC ANALYSES

VOLATILES BY GC/MS
SEMIVOLATILES BY GC/MS
PESTICIDES BY GC
PCBs BY GC
METALS BY ICP/CV

For Soil and Groundwater Samples Collected
December 15, 2014, February 03, 2015,
October 02, 2015 and January 27, 2016
From 1 Bank Street
Staten Island, New York
Collected by AKRF, Inc.
The New York Wheel, LLC.
Project # 80305

SAMPLE DELIVERY GROUP NUMBER:
460-108135
BY TESTAMERICA EDISON - NJ (ELAP #11452)
And ALPHA ANALYTICAL- (ELAP #11148)
SAMPLE DELIVERY GROUP NUMBERs:
L1430229, L1502252, L1524941

SUBMITTED TO:

Asya Bychkov
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

April 18, 2016

PREPARED BY: Lori A. Beyer

Lori A. Beyer/President
L.A.B. Validation Corp.
14 West Point Drive
East Northport, NY 11731

(516) 523-7891; email LABValidation@aol.com

1 Bank Street, Staten Island, New York – Data Usability Summary Report (Data Validation): 2014-2016 Sampling Events; - Groundwater Analysis for Volatiles and Semivolatiles; Soil Analysis for Volatiles, Semivolatiles, Pesticides, PCBs and Metals.

Table of Contents:

Introduction
Data Qualifier Definitions
Sample Receipt

1.0 Volatile Organics by GC/MS SW846 Method 8260C
- 1.1 Holding Time
- 1.2 System Monitoring Compound (Surrogate) Recovery
- 1.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 1.4 Laboratory Control Sample/Blank Spikes
- 1.5 Blank Contamination
- 1.6 GC/MS Instrument Performance Check (Tuning)
- 1.7 Initial and Continuing Calibrations
- 1.8 Internal Standards
- 1.9 Field Duplicates
- 1.10 Target Compound List Identification
- 1.11 Compound Quantification and Reported Detection Limits
- 1.12 Overall System Performance

2.0 Semivolatile Organics by GC/MS SW846 Method 8270D
- 2.1 Holding Time
- 2.2 Surrogate Recovery
- 2.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 2.4 Laboratory Control Sample
- 2.5 Method Blanks
- 2.6 GC/MS Instrument Performance Check (Tuning)
- 2.7 Initial and Continuing Calibrations
- 2.8 Internal Standards
- 2.9 Field Duplicates
- 2.10 Target Compound List Identification
- 2.11 Compound Quantification and Reported Detection Limits
- 2.12 Overall System Performance

3.0 Pesticides by GC Method 8081B, PCBs by GC SW846 Method 8082A
- 3.1 Holding Time
- 3.2 Surrogate Recovery
- 3.3 Matrix Spikes (MS), Matrix Spike Duplicates (MSD)
- 3.4 Laboratory Control Samples
- 3.5 Blanks
- 3.6 Calibration Verification
- 3.7 Field Duplicates
- 3.8 Target Compound Identification
- 3.9 Compound Quantification and Reported Detection Limits
- 3.10 Overall Assessment of Data

4.0 Metals by ICP/Cold Vapor SW846 Methods 6010C/7471B
- 4.1 Holding Times
- 4.2 Calibration (Initial and Continuing Calibration Verifications)
- 4.3 Blanks
- 4.4 Spiked Sample Recovery
- 4.5 Laboratory/Field Duplicates
- 4.6 Laboratory Control Sample
- 4.7 Interference Check Sample
- 4.8 ICP Serial Dilution
- 4.9 Sample Results Verification
- 4.10 Overall Assessment of Data

APPENDICES:

A. Chain of Custody Documents
B. Case Narratives
C. Data Summary Form Is with Qualifications
Part 1 – Groundwater
Part 2 – Soil October 2015
Part 3 – Soil January 2016

Introduction:
A validation was performed on soil samples and the associated quality control samples (MS/MSD) for organic/inorganic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to Alpha Analytical and TestAmerica Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. Analysis was performed in accordance with requested tests per the chain of custody documents.

The samples were analyzed by Alpha Analytical and TestAmerica, utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for soil samples consisted of Volatile Organics, Semivolatile Organics, Pesticides, PCBs and Metals. Groundwater samples were analyzed for Volatile and Semivolatile Organics.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260, 8270, 8081, 8082 and Metals and also in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Matrix	Date Collected	Analysis
MW-12	L1430229-01	Groundwater	12/15/2014	VOA/SVOA
MW-9	L1430229-02	Groundwater	12/15/2014	VOA/SVOA
MW-17 (Field Duplicate of MW-12)	L1430229-03	Groundwater	12/15/2014	VOA/SVOA
Field Blank	L1430229-04	Aqueous	12/15/2014	VOA/SVOA
Trip Blank	L1430229-05	Aqueous	12/15/2015	VOA
MW-12	L1502252-01	Groundwater	02/03/2015	VOA/SVOA
MW-17 (Field Duplicate of MW-9)	L1502252-02	Groundwater	02/03/2015	VOA/SVOA
MW-9	L1502252-03	Groundwater	02/03/2015	VOA/SVOA
Field Blank	L1502252-04	Aqueous	02/03/2015	VOA/SVOA
Trip Blank	L1502252-05	Aqueous	02/03/2015	VOA
SP-101-A-G	L1524941-01	Soil	10/02/2015	VOA
SP-101-B-G	L1524941-02	Soil	10/02/2015	VOA
SP-101-C	L1524941-03	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-102-A-G	L1524941-04	Soil	10/02/2015	VOA
SP-102-B-G	L1524941-05	Soil	10/02/2015	VOA
SP-102-C-G	L1524941-06	Soil	10/02/2015	VOA
SP-102-C	L1524941-07	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-103-A-G	L1524941-08	Soil	10/02/2015	VOA
SP-103-B-G	L1524941-09	Soil	10/02/2015	VOA
SP-103-C	L1524941-10	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-104-A-G	L1524941-11	Soil	10/02/2015	VOA
SP-104-B-G	L1524941-12	Soil	10/02/2015	VOA
SP-104-C-G	L1524941-13	Soil	10/02/2015	VOA
SP-104-C	L1524941-14	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-105-A-G	L1524941-15	Soil	10/02/2015	VOA
SP-105-B-G	L1524941-16	Soil	10/02/2015	VOA
SP-105-C	L1524941-17	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS

SP-DUP (Field Duplicate of SP-105-C)	L1524941-18	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-106-A-G	L1524941-19	Soil	10/02/2015	VOA
SP-106-B-G	L1524941-20	Soil	10/02/2015	VOA
SP-106-C-G	L1524941-21	Soil	10/02/2015	VOA
SP-106-C	L1524941-22	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-107-A-G	L1524941-23	Soil	10/02/2015	VOA
SP-107-B-G	L1524941-24	Soil	10/02/2015	VOA
SP-107-C	L1524941-25	Soil	10/02/2015	VOA/SVOA/PEST/PCB/METALS
TB	L1524941-26	Aqueous	10/02/2015	VOA
FB	L1524941-27	Aqueous	10/02/2015	VOA/SVOA/PEST/PCB/METALS
SP-108-G	460-108135-1	Soil	01/27/2016	
SP-108-C	460-108135-2	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-DUP-1 (Field Duplicate of SP-108-C)	460-108135-3	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-109-G	460-108135-4	Soil	01/27/2016	VOA
SP-109-C	460-108135-5	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-DUP-2 (Field Duplicate of SP-109-C)	460-108135-6	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-110-G	460-108135-7	Soil	01/27/2016	VOA
SP-110-C	460-108135-8	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-111-G	460-108135-9	Soil	01/27/2016	VOA
SP-111-C	460-108135-10	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-112-G	460-108135-11	Soil	01/27/2016	VOA
SP-112-C	460-108135-12	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-113-G	460-108135-13	Soil	01/27/2016	VOA
SP-113-C	460-108135-14	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-114-G	460-108135-15	Soil	01/27/2016	VOA
SP-114-C	460-108135-16	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-115-G	460-108135-17	Soil	01/27/2016	VOA
SP-115-C	460-108135-18	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-116-G	460-108135-19	Soil	01/27/2016	VOA
SP-116-C	460-108135-20	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-117-G	460-108135-21	Soil	01/27/2016	VOA
SP-117-C	460-108135-22	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-118-G	460-108135-23	Soil	01/27/2016	VOA
SP-118-C	460-108135-24	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-119-G	460-108135-25	Soil	01/27/2016	VOA
SP-119-C	460-108135-26	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-120-G	460-108135-27	Soil	01/27/2016	VOA
SP-120-C	460-108135-28	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-121A-C	460-108135-29	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-122-G	460-108135-30	Soil	01/27/2016	VOA
SP-122-C	460-108135-31	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
SP-123-G	460-108135-32	Soil	01/27/2016	VOA
SP-123-C	460-108135-33	Soil	01/27/2016	VOA/SVOA/PEST/PCB/METALS
TB-20160127	460-108135-34	Aqueous	01/27/2016	VOA
FB-20160127	460-108135-35	Aqueous	01/27/2016	VOA/SVOA/PEST/PCB/METALS

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

NJ - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody documents indicates that the samples were received at Alpha and TestAmerica Laboratories via laboratory courier upon completion of each day's sampling. Sample login notes were generated. The cooler temperature for all sample receipts were recorded upon receipt at Alpha and TestAmerica and determined to be acceptable (<6.0 degrees C) for all shipments. The actual temperature is recorded on the chain of custody documents, sample receipt checklists in addition to the case narratives provided in Appendix B of this report.

No unresolved problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good. Soil grab samples for Volatile analysis were collected by Method 5035A in Encore devices. All analyses were conducted via low level procedures.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260C

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results were considered to be valid and useable with the exception of non-detects for 1,4-Dioxane in MW-12, MW-9, MW-17, Field Blank and Trip Blank (December 2014), 1,4-Dioxane and Acetone non-detects in MW-17 (February 2015) as well as 1,4-Dioxane non-detects in MW-9, MW-12, Field Blank and Trip Blank (February 2015), non-detects for 1,4-Dioxane, 4-Methyl-2-pentanone, Acetone, Acrylonitrile and 2-Butanone in Field and Trip Blank associated with October 2015 soil sampling and 1,4-Dioxane in all soil samples collected in October 2015 due to low response factors as noted within the following text:

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is

exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples pertaining to these SDGs were performed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis. Soil samples were collected in encores (3/location) in accordance with SW846 Method 5035A and prepared for analysis within 48 hours of collection. No data validation qualifiers were required based upon holding time.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene were found to be within acceptable limits for surrogate compounds for all analyses pertaining to these SDGs.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analyses were conducted for each analytical sequence as batch QC and were spiked with all components as required by the analytical procedure.

Site specific MS/MSD was performed on MW-12 (December 2014). Bromomethane (34%), Hexachlorobutadiene (61%), 1,2,4-Trichlorobenzene (69%) recovered below in house established ranges. Non-detects in MW-12 have been qualified, "UJ." Additionally, the RPD for 1,2,3-Trichlorobenzene and 1,4-Dioxane fell outside QC limits of 20%.

Based on professional judgment, no qualifications were applied based on these outliers.

MS/MSD (February 2015) was performed on MW-9. Chloroethane (139%/146%), Acetone (159%) recovered above limits. These target analytes were not detected in the parent sample and therefore no qualifications to the data was required. The following analytes recovered below limits: sec-Butylbenzene (64%), tert-Butylbenzene (68%), Hexachlorobutadiene (45%), p-Isopropyltoluene (63%), Naphthalene (62%), 1,2,3-Trichlorobenzene (56%), 1,2,4-Trichlorobenzene (56%), p-Diethylbenzene (61%) and 1,2,4,5-Tetramethylbenzene (64%) in the MS. Many RPD fell outside range. Based on professional judgment, no qualifications were applied based on RPD outliers. Non-detects for analytes that yielded low recovery values have been qualified, "UJ" in the parent sample; MW-9.

Soil MS/MSD was performed on SP-103-A-G. The majority of analytes recovered low in both the MS and MSD. All analytes with the *exception* of Trichlorofluoromethane, Chloromethane, Bromomethane, Vinyl Chloride, Chloroethane, MTBE, Dichlorodifluoromethane, Acetone, 2-Butanone, 2,2-Dichloropropane and 1,4-Dioxane must be considered estimated, "UJ" in the parent sample. Acceptable RPD was observed. It is suspected that the low recovery values are a result of spiking imprecision or degradation of the MS solution and not sample matrix effects.

The National Functional Guidelines and EPA Region 2 SOPs state that "No qualifications to the data is necessary based on MS data alone."

No qualifications to the data were required based on professional judgment for batch (non-site specific) MS/MSD analysis.

TestAmerica Data:
January 2016 – SP-108-G was selected for MS/MSD analysis. Low recovery values were obtained in both the MS and MSD for the following analytes and non-detects in the parent sample must be considered estimated, "UJ:"

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Carbon Disulfide, Chlorobenzene, Chloromethane, cis-1,3-dichloropropene, Cyclohexane, Dichlorodifluoromethane, ethylbenzene, ethylene dibromide, Isopropylbenzene, Methylcyclohexane, m-xylene + p-xylene, o-xylene, Styrene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Vinyl chloride and 1,2-Dichlorobenzene.

1.4 Laboratory Control Sample/Blank Spikes

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes or LCS/LCS Duplicates were analyzed for each sequence. Recovery values were acceptable for all spiked analytes with the following exceptions:

LCS applicable to MW-12 (December 2014) resulted in high recovery for Naphthalene (139%) and 1,2,4,5-Tetramethylbenzene (135%). These analytes were not detected in the associated field sample and therefore no qualifications to the data are required since high recovery does not support any potential loss of detection. Many RPD fell slightly (20-25%) outside acceptance limits of 20% which is most likely due to imprecision in spiking. Based on professional judgment, no data qualifiers were applied.

LCS Duplicate applicable to MW-12 (February 2015) resulted in low Dichlorodifluoromethane - (35%). Non-detects in MW-12 must be considered estimated, "UJ." Many RPD fell outside range. No qualifications were applied based on these outliers.

LCS applicable to MW-9 and MW-17 resulted in high (151%) recovery for Bromomethane. This analyte was not detected in associated field samples and therefore no qualifications to the data are required since no potential loss of detection has occurred. Again several RPD fell outside range. No qualifications to the data were applied.

LCS/LCS Duplicate applicable to soil Field Blank and Trip Blank (October 2015) resulted in High chloroethane (153%/161%) and low 1,4-Dioxane results (46%/53%). No qualifications are required for chloroethane since this analyte was not detected in either the Field or Trip Blank. 1,4-Dioxane was subsequently rejected, "R" due to low response factor.

TestAmerica Edison Data:
January 2016 – LCS yielded high recovery values for 1,1-Dichloroethene (123%) applicable to soil samples SP-108-G, SP-DUP-1, SP-109-G, SP-DUP-2, SP-110-G, SP-111-G, SP-112-G, SP-113-G, SP-114-G, SP-115-G, SP-116-G, SP-117-G, 1P-118-G, SP-119-G, SP-120-G and SP-122-G. This

compound was not detected in any of the associated field samples and therefore, no impact to reported results based on a high recovery value.

January 2016 – LCS yielded high recovery values for 1,4-Dioxane (184%) applicable to the Field and Trip Blank. This analyte was not detected in the associated field samples and therefore sample results are not impacted.

1.5 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

Trichloroethene was detected at 0.26 ug/L in the method blank associated with MW-9, MW-17, FB and TB (December 2014). This target analyte was not detected in any of the associated field samples and therefore no action/qualifications are required.

Naphthalene (0.85 ug/L) and 1,2,3-Trichlorobenzene (0.81 ug/L) was detected in the method blank associated with MW-9 and MW-17 (February 2015). These compounds were not detected in the associated field samples and therefore there is no impact to reported results.

B) **Field Blank Contamination:**

Target analytes were not detected in the Field Blanks.

C) **Trip Blank Contamination:**

Target analytes were not detected in the Trip Blanks.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses conducted for these SDGs.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence.

The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R". Method 8260C allows for a minimum response factor of 0.1 for Acetone, 2-Butanone, 2-Hexanone and 4-Methyl-2-Pentanone.

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and minimum response criteria in Table 4 of Method 8260C, for the initial and continuing calibrations for all reported analytes with exceptions noted below:

Alpha Analytical Data:
ICAL 10/29/14 – 1,4-Dioxane – 0.001, Acetone 0.053, 2-Butanone – 0.077, 4-Methyl-2-Pentanone – 0.067. Non-detects for 1,4-Dioxane have been rejected, "R" in MW-12 (December 2014). The above ketones have been qualified, "UJ" in MW-12.

ICAL 10/29/14 – 1,4-Dioxane – 0.001, Acetone 0.058, 4-Methyl-2-Pentanone – 0.074. Non-detects for 1,4-Dioxane have been rejected, "R" in MW-9, MW-17, Field Blank and Trip Blank (December 2014). The ketones have been qualified, "UJ" in MW-9, MW-17, Field Blank and Trip Blank.

ICAL 1/12/15 – 1,4-Dioxane 0.001; Acetone 0.043. Non-detects have been rejected, "R" in MW-9 as well as 1,4-Dioxane in MW-17 (February 2015). Acetone detection in MW-17 must be considered estimated, biased high, "J+." 2-Butanone (0.06) and 4-Methyl-2-Pentanone (0.062) have been qualified, "UJ."

ICAL 1/29/15 – 1,4-Dioxane – 0.001, 4-Methyl-2-pentanone – 0.057 and 2-Butanone – 0.061. Non-detects have been rejected for 1,4-Dioxane in Field Blank and Trip Blank (February 2015). Non-detects for 4-Methyl-2-Pentanone and 2-Butanone must be considered estimated, "UJ."

ICAL 10/29/14 – 1,4-Dioxane – 0.001. Non-detects in MW-12 (February 2015) have been rejected, "R." 2-Butanone -0.077, 4-Methyl-2-Pentatnone – 0.067, 1,2-

Dibromo-3-chloropropane – 0.081 have been qualified, "UJ" in MW-12 (February 2015). Acetone detection in MW-12 must be considered estimated, biased high, J+ due to low response factor (0.053).

ICAL 9/29/15 – 1,4-Dioxane (0.001), 4-Methyl-2-Pentanone (0.043), Acetone (0.029), 2-Butanone (0.048) have been rejected, "R" in Field and Trip Blank from October 2015 applicable to soil samples. 2-Hexanone (0.09) has been qualified, "UJ" in these field QC samples.

ICAL 10/9/15 – 1,4-Dioxane - 0.002. "R" soil samples SP-101-B-G, SP102-A-G, SP-102-B-G, SP-102-C-G, SP-103-A-G, and SP-103-B-G. Acetone – 0.06, Acrylonitrile – 0.08, 2-Butanone 0.09, 4-Methyl-2-Pentanone – 0.08; "UJ" non-detects.

ICAL 10/11/15 – 1,4-Dioxane – 0.002. Reject non-detects in SP-DUP. Acetone – 0.058, Acrylonitrile – 0.07, 4-Methyl-2-Pentanone – 0.089 and 2-Butanone 0.084; "UJ" non-detects in SP-DUP.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Closing CCV must meet 30% criteria.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

Alpha Analytical Data:
CCAL 12/21/2014 – Styrene – 24%, n-propylbenzene – 21%, 4-ethyltoluene – 21%, 1,2,4,5-tetramethylbenzene – 35%, Naphthalene – 39%' "UJ" non-detects in MW-12 (December 2014).

CCAL 12/19/14 – Chloromethane – 36%, Bromomethane – 31%, Carbon Disulfide – 24%, Acetone – 31%, 2-Butanone – 31%, 4-Methyl-2-Pentanone – 28%, 2-Hexanone – 32%, Isopropylbenzene – 27%, Bromobenzene – 22%, trans -1,4-dichloro-2-butene – 24% and 1,1,2,2-tetrachloroethane -23%.

CCAL 2/6/15 – Bromomethane – 51%, Freon-113 – 26%, 4-Methyl-2-pentanone – 21%, 2-hexanone - 34%, , Naphthalene – 22% and 1,2,3-Trichlorobenzene – 20%; Non-detects in MW-9 and MW-17 (February 2015) have been qualified, "UJ" as required.

CCAL 2/5/15 – Bromomethane – 27%, Acetone – 30%, Isopropylbenzene – 28%, Bromobenzene – 28%, n-propylbenzene – 22%, tert-butylbenzene – 21%, 1,2,4,5-tetramethylbenzene – 23%, hexachlorobutadiene – 25% and 1,2,4-trichlorobenzene – 22%' "UJ" non-detects in Field and Trip Blank (February 2015).

CCAL 2/6/15 – Dichlorodifluoromethane – 63%, Chloromethane – 40%, Vinyl Chloride – 36%, Bromomethane – 44%, trichlorofluoromethane – 23%, Acetone – 29%, Carbon Disulfide – 28%, 2-Hexanone – 27%, 4-ethyltoluene – 25%, 1,3,5-trimethylbenzene – 23%, 4-chlorotoluene – 21%, 1,2,4,5-tetramethylbenzene – 38% and Naphthalene – 27% must also be considered estimated, "UJ" in MW-12 (February 2015).

CCAL 10/9/15 – Chloromethane – 36%, Chloroethane – 53%,n-propylbenzene – 23%. "UJ" non-detects in Field and Trip Blank (October 2015).

CCAL 10/10/15 – Dichlorodifluoromethane – 25%, Chloroethane – 29%, trichlorofluoromethane – 34%, 2,2-dichloropropane – 29%, carbon Tetrachloride – 27%, 1,1,1-Trichloroethane – 26%, 1,1-dichloropropene – 22%, trichloroethene – 22%, trans-1,4-dichloro-2-butene – 21% and n-butylbenzene – 22%; "UJ" non-detects in samples SP-101-B-G, SP102-A-G, SP-102-B-G, SP-102-C-G, SP-103-A-G, SP-103-B-G.

CCAL 10/11/15 – Carbon Tetrachloride – 21%; "UJ" non-detects in SP-DUP.

TestAmerica Data:
CCAL 1/28/16 – 1,1,2-Trichloro-1,2,2-trifluoroethane – 21.5% and Acetone – 25.5%. "UJ" non-detects in Field and Trip Blank.

CCAL 1/28/16 - 1,1,2-Trichloro-1,2,2-trifluoroethane – 23.9% and 1,1-Dichloroethene – 23.9%. "UJ" non-detects in SP-108-G, SP-DUP-1, SP-109-G, SP-DUP-2, SP-110-G, SP-111-G, SP-112-G, SP-113-G, SP-114-G, SP-115-G, SP-116-G, SP-117-G, SP-118-G, SP-119-G, SP-120-G and SP--112-G.

CCAL 1/29/16 - 1,1,2-Trichloro-1,2,2-trifluoroethane – 21.2% -SP-123-G. "UJ" non-detect.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All samples were spiked with the internal standards 1,4-Dioxane-d8, Chlorobenzene-d5, ,4-Dichlorobenzene-d4, TBA-d9, 2-Butanone-d5 and Fluorobenzene prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples associated with these SDGs.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples.

Generally for soil samples an acceptable RPD is 25%. Field Duplicates were not collected as follows:

December 2014:
MW-17 = MW-12 – Target analytes were not detected in either analysis.

February 2015:
MW-17 = MW-9 – Acetone was detected at 7.3 ug/L in MW-17 and must be considered suspect and biased high due to low response factor. This common laboratory contaminant was not detected in MW-9. The end user should proceed with caution when making decisions based on common laboratory contaminants.

October 2015 (Soils):
SP-105-A-G = SP-DUP. samples SP-101-B-G, SP102-A-G, SP-102-B-G, SP-102-C-G, SP-103-A-G, SP-103-B-G. A

January 2016 (Soils):
SP-108-G = SP-DUP-1. Target analytes were not detected in either analysis.

SP-109-G = SP-DUP-2. Target analytes were not detected in either analysis.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary

and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards per SW846, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Soil samples were all analyzed undiluted by low level procedures.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Tentatively Identified Compounds (TICs) were not required.

2.0 Semivolatile Organics by GC/MS SW846 Method 8270D

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Semivolatile results were considered to be valid and usable With the exception of non-detects for 3,3'-Dichlorobenzidine in MW-9 (February 2015) due to <10% recovery in the MS and MSD and Benzoic Acid non-detects in SP-102-C, SP-104-C, SP-105-C, SP-106-C, SP-107-C and SP-DUP due to low (<10%) recovery in the LCS and LCS Duplicate and also non-detects for 3,3'-Dichlorobenzidine, Hexachlorocyclopentadiene, Benzoic Acid and 2,4-Dinitrophenol in SP-103-C due to non-recoverable MS/MSD values. Lastly, non-detects in SP-1080C for 2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Pentachlorophenol were rejected, "R" in SP-108-C due to low/non recoverable MS/MSD recoveries as noted within the following text:

2.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

All samples were extracted and analyzed within the method required holding times and the technical holding times (14 days from collection to extraction and 40 days from extraction to analysis for soil samples and 7 days from collection to extraction for groundwater samples and field blanks) for analysis required for data validation.

2.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Samples were spiked with six (6) surrogate standards at the sample extraction portion of analysis. Acceptable recoveries were observed. Method allows for one (1) base neutral and one (1) acid recovery to be outside acceptance limits without requiring reextraction/reanalysis. The laboratory is compliant with testing.

LCS/LCS Duplicate analysis results in high 2,4,6-Tribromophenol recoveries (138%/122%). No laboratory action or qualifiers are required based on these outliers.

SP-114-C yielded high (86%) 2-Fluorobiphenyl recovery. Based on professional judgment, no qualifications to the data were made based on this outlier since the recovery value is reasonable per the methodology.

SP-123-C results in Nitrobenzene recovery at 19%. Again, no qualifications were applied since recovery was >10%.

2.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

Based on professional judgment, no qualifications to the data were made based on non-site specific MS/MSD.

Aqueous MS/MSD was conducted on MW-12. Acceptable recoveries were observed for all spiked constituents with the exception of 3,3'-Dichhlorobenzidine (38%) and 2,4-Dimethylphenol (38%). Non-detects in the parent sample have been qualified, 'UJ" as required. RPD for 2,4-Dimethylphenol also fell outside acceptance criteria. No additional qualifications were required.

MS/MSD was also performed on MW-9. 3,3'-Dichlorobenzidine recovered at 2% in both the MS and MSD. Non-detects for this analyte in the parent sample must be considered unreliable and have been rejected, "R." Also, 4-Chloroaniline recovered low at 38%/33%. Results for this compound were previously qualified as estimated due to low LCS recovery values. The RPD for both these target compounds fell outside acceptance range. No additional qualifications are required.

Soil MS/MSD analysis of SP-103-C results in non-recoverable 3,3'-Dichlorobenzidine, Hexachlorocyclopentadiene, 2,4-Dinitrophenol and Benzoic Acid. Non-detects have been rejected, "R" in the parent sample. In cases where recoveries fell outside acceptance criteria and sample concentration was high relative to spike amount, no qualifications were applied (PAHs). 4-Chloroaniline and 4-Nitroaniline recovered low but >10%. Non-detects have been qualified, "UJ."

Soil MS/MSD was also conducted on SP-108-C. Non-detects in the parent sample have been rejected, "R" due to non-recoverable (<10%) values for 2,3,4,6-Tetrachlorophenol, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Hexachlorocyclopentadiene and Pentachlorophenol in the MS and/or MSD. The following analytes yielded low recovery values and must be considered estimated, UJ – 2,4,5-Trichlorophenol, 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, 2-Chlorophenol, 2-Nitrophenol, 4-Nitrophenol, 4-Nitroaniline, Benzaldehyde and Hexachloroethane. RPD

for 2-Nitroaniline fell outside acceptance limits. No qualifications were applied based on this outlier.

The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

2.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch. Recovery values were acceptable for all spiked analytes with exceptions Noted below:

LCS/LCS Duplicate applicable to MW-12, MMW-9, MW-17 and Field Blank (December 2014) resulted in low Hexachlorocyclopentadiene (36%/30%), 1,2-Dichlorobenzene (39%), 1,3-Dichlorobenzene (36%). Non-detects in associated field samples have been qualified, "UJ." RPD for 1,2-Dichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene fell outside acceptance limits. No additional qualifications to the data were required based on these outliers.

LCS/LCS Duplicate applicable to MW-12, MW-9, MW-17 and Field Blank (February 2015) resulted in low 4-Chloroaniline (39%) and high 4-chloro-m-cresol (101%). Additionally, RPD for 4-Chloroaniline fell outside acceptance limits at 46%. Non-detects for 4-Chloroaniline must be considered estimated, "UJ."

LCS/LCS Duplicate applicable to SP-102C, SP104-C, SP-105-C, SP-106-C, SP-107-C and SP-DUP resulted in low Benzoic Acid recoveries (2%/6%). Non-detects in associated field samples have been rejected, "R."

2.5 Method Blanks

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Phthalates (common laboratory contaminants)	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value
Other Contaminants	Sample Conc. is >CRQL, but </=1x blank value	Sample Conc. Is <CRQL and </=1x blank value	Sample Conc. is >CRQL and >1x blank value

Below is a summary of the compounds in the sample and the associated qualification that have been applied:

A) **Method Blank Contamination:**

Bis (2-ethylhexyl) phthalate was detected at 2.8 ug/L in the method blank associated with MW-12, MW-9, MW-17 and the Field Blank (December 2014). This common laboratory contaminant was not detected in the associated field samples and therefore no impact to reported results.

Bis (2-ethylhexyl) phthalate was also detected at 2.1 ug/L in the method blank associated with Field Blank (October 2015 soils). This compound was not detected in the associated Field Blank.

B) **Field Blank Contamination:**

Target analytes were not detected in the Field Blanks.

2.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for semivolatile organics is decafluorotriphenylphosphine (DFTPP).

Instrument performance was generated within acceptable limits and frequency (12 hours) for decafluorotriphenylphosphine (DFTPP) for all analyses.

2.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is giving satisfactory daily performance.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05), for the initial (average RRF) and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high level results will be qualified, "J" in the portion of the curve where non linearity exists. Due to the large number of analytes in this method, it is expected for some analytes

to fall outside acceptance criteria and the calibration is still considered valid.

Acceptable Initial Calibration Verifications were performed.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

CCAL 12/22/14 – 2,4-Dinitrophenol – 33% and 4,6-Dinitro-o-cresol – 22%. Non-detects in MW-9, MW-12 MW-17 and Field Blank (December 2014) have been qualified, "UJ."

CCAL 2/7/15 – Hexachlorocyclopentadiene – 28%; "UJ" non-detects in MW-12, MW-9, MW-17 and Field Blank (February 2015).

CCAL 2/1/16 – 2,4,6-Triclorophenol – 21.8%, 2-Nitroaniline, 2,6-Dinitrotoluene – 20.5%, 3-Nitroaniline – 21.1%, 2,4-Dinitrophenol – 26.1%; "UJ" non-detects in SP-DUP-1, SP-DUP-2, SP-113-C, SP-114-C, SP-115-C, SP-116-C, SP-117-C and SP-118-C.

CCAL 2/2/16 – 2,2'-oxybis (1-chloropropane) – 22.9%, Hexachloroethane – 23.8%, 2-Nitroaniline – 29.4%, Acenaphthene – 20.1%, 2,4-Dinitrophenol – 20.7%; "J/UJ" samples SP-109-C, SP-110-C, SP-112-C, SP-119-C, SP-120-C and SP121A-C.

CCAL 2/2/16 PM – 2,2'-oxybis (1-chloropropane) – 29.0%, 2-Nitroaniline – 25.1%; "UJ" non-detects in SP-123-C.

CCAL 2/3/16 - 2,2'-oxybis (1-chloropropane) – 31.1%, Hexachlorocyclopentadiene – 27.1%,2-Nitroaniline – 26.2%, 2,4-Dinitrophenol – 21.4%, Indeno [1,2,3-cd] pyrene; "J/UJ" sample SP-122-C.

CCAL 1/29/16 – 2-Nitroaniline – 24.9%; "UJ" non-detect in SP-108-C.

CCAL 1/29/16 – Pentachlorophenol – 24.3%; "UJ" non-detect in FB-20160127.

2.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all of the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All area responses and retention times fell within established QC ranges for sample analysis.

2.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 25%. Field duplicate analysis was not collected.

Field Duplicate (MW-17) was collected on MW-12 (December 2014). No target analytes were detected in either analysis. Acceptable precision was observed.

Field Duplicate (MW-17) was collected on MW-9 (February 2015). No target analytes were detected in MW-9. Low level anthracene (0.12 ug/L) was detected in the SIM analysis of MW-17. This compound was not detected in MW-9. No action is required.

Field Duplicate (SP-DUP) was collected on SP-105-C. SP-DUP was analyzed at a 1:4 dilution, whereas SP-105-C was performed at 1:2. Field Dup (SP-DUP) resulted in significantly greater target concentrations which is most likely due to non-homogeneity of the

soil matrix. Results for Acenaphthene, Fluoranthene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) Fluoranthene, Benzo (k) Fluoranthene, Chrysene, Anthracene, Benzo (ghi) perylene, Fluorene, phenanthrene, Dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene, Pyrene, Dibenzofuran and Carbazole must be considered estimated, biased low "J-" in SP-105-C. It is recommended that SP-DUP values be utilized for decision making purposes.

SP-DUP-1 = SP-108-C; 1,1'Biphenyl was detected at a low concentration (74 ppb) in SP-DUP-1 and not in the parent sample. No qualifications are required. Acenaphthene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Carbazole, Chrysene, Dibenz (a,h) anthracene, Dibenzofuran, Fluoranthene, Fluorene, Indeno [1,2,3-cd] pyrene, Naphthalene, Phenanthrene and Pyrene resulted in high % difference. Results in both the parent and field duplicate must be considered estimated, "J." The field duplicate was analyzed at a 1:2 dilution whereas the parent sample was analyzed undiluted. Raw data was reviewed and sample chromatogram demonstrates complicated matrix and most likely non homogeneity of the soil matrix.

SP-DUP-2 = SP-109-C; Acetophenone was detected at a low concentration (17 ppb) in SP-DUP-2 and not in the parent sample No qualifications are required. Anthracene, Fluoranthene, Fluorene and Phenanthrene resulted in high % difference. Results must be considered estimated, "J."

2.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectra which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

Mass spectra meet criteria for all detected analytes.

Tentatively Identified Compounds (TICs) were not required.

2.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is considered to be acceptable. Correct internal standards, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were analyzed undiluted. Soil samples were extracted by Method 3546 (Microwave Extraction). Groundwater samples and the corresponding field blanks were extraction by 3510C (Seperatory Funnel Extraction). Groundwater PAH analysis was conducted by Selective Ion Monitoring (SIM) techniques in order to achieve lower reporting levels for target PAH compounds.

2.12 Overall System Performance

Acceptable system performance was maintained throughout the analysis. All sample analysis was conducted without dilutions with exceptions noted below:

SP-102-C – 1:2
SP-104-C – 1:2
SP-105-C – 1:2
SP-DUP – 1:4
SP-106-C – 1:2
SP-107-C – 1:2
SP-DUP-1 – 1:2
SP-111-C – 1:2
SP-112-C – 1:2
SP-119-C – 1:2
SP-121A-C – 1:2
SP-122-C – 1:2
SP-123-C – 1:2

3.0 Pesticides by GC SW846 Method 8081B and PCBs by SW846 Method 8082A

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Analytical Sequences, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Pesticide and PCB results are considered to be valid and usable as noted within the following text:

3.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples were extracted and analyzed within the method required holding times and the technical holding times required for data validation (14 days for soil and 7 days for field blanks) for extraction. All extracts were analyzed within forty (40) days in accordance with the analytical method requirements.

3.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. No qualifications were applied if one of the spiked surrogates is above acceptance limits on one of the two columns. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Pesticides:
Acceptable surrogate recovery values for TCMX and DCB were observed with the exception of high DCB recovery on front column for SP-102-D

(169%) and SP-DUP (155%) and high DCB recovery on back column for SP-105-C. No qualifications to the data are required.

PCBs:
Acceptable surrogate recovery values for TCMX and DCB were observed for all analyses.

3.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

The National Functional Guidelines indicate that MS/MSD data alone shall not be utilized to qualify sample data. MS/MSD was submitted with each batch. Data was not qualified for non-site specific QC based on professional judgment.

Pesticides/PCBs:
SP-103-C and SP-108-C was selected for Pesticide and PCB MS/MSD. Acceptable recovery and RPD were obtained.

Acceptable batch MS/MSD was also submitted.

3.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch for Pesticides and PCBs. Recovery values were acceptable with the exception of high recovery values in the LCS/LCS Duplicate applicable to Field Blank (October 2015). No qualifications were applied since high recovery does not support any potential loss of detection and target analytes were not detected in the Field Blank.

3.5 Blanks

Quality assurance (QA) blanks; i.e. method, instrument, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Instrument blanks measure carryover for

cross contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Any Contaminant	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value

Extraction and Instrument blanks were performed at the appropriate frequency.
Below is a summary of blank contamination:

A) **Method Blank Contamination:**
No target analytes were detected in the associated method blanks and no data validation qualifiers were required based upon method blank data.

B) **Field Blank Contamination:**

Target analytes were not detected in the Field Blanks.

3.6 Calibration Verification

Initial and continuing calibration sequence was performed as required for individual and multi-component Pesticide and PCBs standards. Acceptable DDT and Endrin breakdown percent difference (<20%) was observed. Acceptable retention times were obtained for all analysis and GC resolution is acceptable for both columns.

Linearity criteria for the initial standards have been satisfied for both columns as detailed below:

%RSD </= 20% for single component compounds except alpha-BHC and delta-BHC
%RSD </=30% for Toxaphene peaks
%RSD </= 30% for surrogates (TCMX and DCB)
%RSD <20% for PCB aroclors
Continuing calibration verifications:

For Pesticide analysis acceptable percent difference for any pesticide is 20% and for PCB analysis, the acceptable limit is 15%.

Calibrations met method requirements for Pesticide and PCB analysis.

3.7 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. Generally for soil samples an acceptable RPD is 25%.

Field Duplicate analysis was collected as follows:

SP-DUP = SP-105-C. Low level pesticides were detected in each analysis and reproducibility becomes more difficult with low concentration detections. For example Delta-BHC was detected at 1.03 ppb in the duplicate but not in the parent sample as well as 4,4'-DDT.

SP-DUP-1 = SP-108-C; Pesticides/PCBs were not detected in either analysis.

SP-DUP-2 = SP-109-C; Pesticides/PCBs were not detected in either analysis.

3.8 Target Compound Identification

Qualitative criteria for compound identification have been established to minimize the number of false positives and false negatives. The retention times of all target analytes have been verified in the samples to that of the analyzed reference standards

Acceptable DDT/Endrin breakdown was observed.

Positive Pesticide and PCB sample results are compared and where %Difference >25% when quantitated on the two columns the qualifications below are applied. Sample chromatograms were reviewed for the presence of interference. The following qualifications were applied where neither column shows interference:

%Difference	Qualifier
0-25%	None
26-70%	"J"
71-100%	"JN"
101-200% (no interference)	"R"
101-200% (interference detected)*	"JN"
>50% (Pesticide value is <CRQL)**	"U"
>201%	"R"

*When the reported %D is 101-200%, but interference is determined on either column, the results shall be qualified, "JN"
** When the reported pesticide value is lower than the CRQL, and the %D is >50%, raise the value to the CRQL and qualify "U", undetected.

As recommended by SW846 Method 8000, the laboratory has reported the lower value obtained when comparison of each column for Pesticides and PCBs except where peak interference was observed. Raw data was reviewed and agreement obtained from reported results.

Acceptable percent difference was obtained for all detected analytes with the following exceptions:

Pesticides:
SP-101-C – 4,4'-DDD; 26.5% and 4,4'DDT – 25.2%. Results have been qualified, "J" estimated.

SP-102-C – 4,4'-DDT – 49.4%, Chlordane – 63.4%; Results have been qualified, "J" estimated.

SP-103-C – Results have been qualified, "J" for Delta-BHC, Endrin, 4,4'-DDE and 4,4'-DDT.

SP-104-C – Results have been qualified, "J" for 4,4'-DDE, 4,4'-DDT, Endrin, gamma-Chlordane and Chlordane.

EP-105-C – Results have been qualified, "J" for Endrin and Chlordane.

EP-DUP – Results have been qualified, "J" for delta BHC, Endrin, 4,4'-DDT and Chlordane.

SP-106-C – Results for Endrin Ketone, 4,4'-DDT, alpha Chlordane and Chlordane have been qualified as estimated, "J."

SP-107-C – Results for 4,4'-DDE, 4,4'-DDT, Endrin and Chlordane must be considered estimated, "J."

PCBs:
SP-102-C – Aroclor 1254; 44.5%; J detected concentration of 21.7 ug/kg.

SP-DUP – Aroclor 1260 – 25.9% and Aroclor 1268 – 31.1%; "J" both detections.

SP-107-C – Aroclor 1268 – 29.4%; "J" detection of 11.5 ug/kg.

3.9 Compound Quantification and Reported Detection Limits

TCL compounds are identified on the GC by using the analyte's relative retention time (RRT) and by comparison to the primary column and the secondary confirmation column data. The laboratory reported the lower of the concentrations for primary/confirmatory column results as required. Soil results were reported on a dry weight basis as required.

Samples were analyzed undiluted. In cases where GC analyte concentration was obtained from a different column, results are reported on a separate reporting sheet which is acceptable practice.

3.10 Overall System Performance

Acceptable system performance was maintained throughout the analysis of all samples. Good resolution and chromatographic performance were observed.

Soil samples were concentrated to 10ml for Pesticides and PCBs. This is acceptable practice and method compliant. The laboratory reporting levels reflect the appropriate extraction concentration volume.

4.0 Metals by ICP/Cold Vapor SW846 Methods 6010C/7471B

The following method criteria were reviewed: holding times, CRDL standards, calibration, blanks, MS, laboratory duplicates, LCS, interference check sample, ICP serial dilutions and sample results verification. The soil and groundwater metals results are considered to be valid and usable with the appropriate qualifiers as notated in the following text:

4.1 Holding Times

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Soil samples were digested and analyzed for Metals within the method required holding times and the technical holding times for data validation. No qualifications were applied based upon holding time criteria.

4.2 Calibration (ICV/CCV)

Satisfactory instrument calibration is established to ensure that the instruments are capable of producing acceptable quantitative data. An initial calibration demonstrates that the instruments are capable of giving acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instruments are giving satisfactory sequential performance and that the initial calibration is still valid.

The ICP and Mercury instruments were calibrated utilizing a minimum of a four-point curve in addition to blanks at the beginning of each analytical run. The calibrations have been determined to be acceptable, yielding correlation coefficients of 0.995 or greater.

For ICP analysis, satisfactory instrument performance near the Contract Required Detection Limit (CRDL) was demonstrated by analyzing a CRDL standard at the beginning and end of the analytical run. The instruments were calibrated properly by analyzing the CRDL solution at the correct levels, and analyzed at the required frequency at the beginning and end of each analytical run.

All recoveries were within acceptable limits of 90-110 % for initial calibration pertaining to field samples.

Continuing calibrations were within acceptable limits of 90-110% recovery of the true values for ICP and Mercury (80-120%) for all field samples.

No qualifications were applied based upon ICV/CCV analysis.

4.3 Blanks

Quality assurance (QA) blanks, i.e. method, field or preparation blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

All digestion/prep/ICB/CCB/Field blanks were generated within acceptable limits yielding final concentrations less than the CRDL.

Low concentration of Calcium (46 ug/L) and Copper (5.7 ug/L) were detected in the field blank. Copper was negated in the field blank due to blank contamination.

Acceptable levels of Aluminum, Calcium and Iron were detected in the soil prep blank. Sample concentrations were determined to be greater than the blank levels (when converted to mg/kg) and therefore no qualifications to the data were required.

No additional qualifications to the data were made based upon blank contamination.

4.4 Spiked Sample Recovery

The spike data are generated to determine the long terms precision and accuracy of the analytical method in various matrices.

Aqueous spike recoveries are qualified based on the criteria below:
<30% - "R" all detects and non-detects
Between 30%-74% - results >/=MDL "J" and non-detects "UJ"
Between 126-150% - results >/=MDL "J" and
>150% - results >/= MDL "R"

Aqueous MS/MSD was performed on the Field Blank. Acceptable recovery values were obtained.

Soil spike recoveries are qualified based on the criteria below:
<10% - "R" all detects and non-detects
Between 10%-74% - results >/= MDL "J" and non-detects "UJ"
Between 126-200% - results >/=MDL "J" and
>200% - results >/= MDL "R"

Soil MS/MSD data was submitted on SP-103-C. Acceptable recovery values were obtained where the sample concentration was <4x the spike level. Acceptable post digestion spikes were performed. No qualifications to the data were made based on MS/MSD data.

Soil MS/MSD was also performed on SP-108-C. Antimony recovered low at 45%. Acceptable post digestion spike was performed and all recovery values were determined to be acceptable thus confirming matrix effects. Non-detects for Antimony in SP-108-C must be considered estimated, "UJ." Mercury also recovered above acceptance limits. Results must be considered estimated, biased high, "J+." The sample concentration for Aluminum, Calcium, Chromium, Iron, Magnesium, Manganese and Nickel were determined to be >4x the spike level and therefore no qualifications are required for these elements where spike recovery outliers were obtained.

4.5 Laboratory/Field Duplicates

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data in order to determine the long-term precision of the analytical method on various matrices.

Laboratory Duplicates:
RPD >20% but <100% - J detected concentrations
RPD >/=100% - R all detected and non-detected concentrations

Field Duplicates:
RPD >/=35% but <120% - qualify sample and duplicate results >/= CRQL "J"
RPD >/= 120% - rejected sample and duplicate results >/= CRQL "R"

Field Duplicate analysis was submitted as follows:

SP-105-C = SP-DUP – Arsenic results must be considered estimated in both the parent sample and the field duplicate.

Acceptable laboratory duplicates on batch samples were performed yielding acceptable precision.

Lab duplicate analysis of SP-108-C resulted in acceptable RPD for all elements except for Lead. Lead results must be considered estimated in the parent sample.

SP-DUP-1 = SP-108-C. SP-108-C was analyzed at a 1:20 dilution whereas the duplicate was performed at 1:4. Raw data confirms reported results. As with other fractions, this duplicate pair indicates a complicated matrix and as a result, several elements resulted in high percent difference. It is recommended that the higher value be utilized for decision making purposes. Specifically; Aluminum, Barium, Cobalt, Chromium Copper, Iron, Potassium, Magnesium, Nickel, Lead, Zinc and Mercury must be considered estimated, "J."

SP-DUP-2 = SP-109-C. Both analyses were conducted at 1:4 dilutions. Acceptable RPD was observed for all elements with the exception of Cobalt, Magnesium, Nickel and Zinc. Results have been qualified, "J."

4.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

The LCS was analyzed and reported for all ICP and Mercury analysis. Associated LCS recoveries were within the acceptable limits for Metals analyses (80-120%).

4.7 Interference Check Sample

The interference check sample (ICS) verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions A and AB. Solution A consists of interference, and solution AB consists of the analytes mixed with interferents.

SW846 Method 6010 requires solution A and solution AB to be analyzed separately. The recoveries for the ICP interference check sample were all within the acceptable limits of 80-120%. No data qualifications were made based upon ICS analysis.

4.8 ICP Serial Dilution

The serial dilution of samples quantitated by ICP determines whether or not significant physical or chemical interferences exist due to sample matrix. An ICP serial dilution analysis must be performed on a sample for each group of samples with a similar matrix type and concentration, or for each Sample Delivery Group (SDG), whichever is more frequent.

Acceptable ICP serial dilutions were performed at a 5-fold dilution as required by the method where the initial concentration is equal or greater than 50x MDL. All serial dilution analyses agree within a 10% difference of the original determination after correction for dilution for all reported elements.

4.9 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The raw data was verified and found within the linear range of each instrument used for quantitation. Raw data supplied corresponds with reported values. Verification of the calculations yielded reported results.

Metals analysis resulted in acceptable results. Soil samples collected in October 2015 were performed at 1:2 dilution.

4.10 Overall Assessment of Data

The data generated were of acceptable quality. For the Metals analysis results are usable at the concentrations presented in the validated Form I's.

The data was of acceptable quality.

Reviewer's Signature Lori A Blye **Date** 04/18/2016

Appendix A
Chain of Custody
Documents

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 12/17/14

ALPHA Job #: L1480094

Client Information

Client: AKRF
Address: 440 Park Ave South, New York, NY 10016
Phone: (646) 388-9533
Fax:
Email: abychkov@akrf.com

Project Information

Project Name: The New York Wheel LLC
Project Location: 1 Bonk Street - Staten Island
Project # 80305
(Use Project name as Project #)
Project Manager: Asya Bychkov
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: 12/23/14
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please provide NYSDEC Brownfield EDD format

Please specify Metals or TAL.

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:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)
N/A

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	Total Bottle	Sample Specific Comments
30229 01	MW-12	12/15/14	13:00	W	MB	X	X	5	
01	MW-12 MS/MSD	12/15/14	13:00	W	MB	X	X	5	
02	MW-9	12/15/14	18:15	W	MB	X	X	4	
03	MW-17	12/15/14	13:00	W	MB	X	X	5	
04	FIELD BLANK	12/15/14	15:30	W	MB	X	X	5	
05	TRIP BLANK	LAB	LAB	W	MB	X		2	

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

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

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

Container Type	V	A
Preservative	B	A

Relinquished By:	Date/Time	Received By:	Date/Time
Marco Bellotto	12/16/14 13:40	Tom Tobin	12/16/14 13:40
Tom Tobin	12-16-14 1840		12-16-14 1840
	12-16-14 0045		12/17/14 0045

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)

Sample Delivery Group Form

Laboratory Job number: L1430229

Project Number: 80305
Project Name: THE NEW YORK WHEEL LLC **Received:** 12/16/2014 13:44
Client Account: AKRF, Inc. **Received by:** RR

Samples Delivered by: COURIER **Call Tracker #**
Bill Of Laden N/A **Trackingnum**
Coc Present Present

Container Status Intact **Sample IDs**

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt 8 **Are samples Properly Preserved?** Yes
Initial pH **preserved in house with** **Final pH**
Other Issues
Chlorine Check N/A

Are VOA/VPH Vials Present? Yes
Aqueous: Do Vials Contain Head Space? No
Soils: Is MeOHCovering the Soil? N/A
Reagent H2O Preserved vials Frozen on N/A
Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	2.7 - IR Gun	No	No

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL LABS

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: 2/4/15

ALPHA Job #: L1502125

Client Information
Client: AKRF
Address: 440 Park Ave. South, New York, NY 10016
Phone: (646) 388-9533
Fax:
Email: abychkov@akrf.com

Project Information
Project Name: The New York Wheel LLC
Project Location: 1 Bank Street - Staten Island
Project #: 80305
(Use Project name as Project #) ☐
Project Manager: Asya Bychkov
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date: 2-11-15
Rush (only if pre approved) ☐ # of Days:

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

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

Billing Information
☒ Same as Client Info
PO #

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 provide NYSDEC brownfield EDD format

Please specify Metals or TAL.

ANALYSIS
VOCs 8260 | SVOCs 8270

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

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260	SVOCs 8270	Sample Specific Comments	Total Bottle
02	MW-12	02/03/15	15:25	W	MB	X	X		5
03	MW-17	02/03/15	13:45	W	MB	X	X		5
04	MW-9	02/03/15	13:00	W	MB	X	X		5
05	MW-9 MS/MSD	02/03/15	13:10	W	MB	X	X		8
06	FIELD BLANK	02/03/15	14:10	W	MB	X	X		5
07	TRIP BLANK	LAB	LAB	W	MB	X			2

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

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

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

Container Type	V	A							
Preservative	B	A							

Relinquished By:	Date/Time	Received By:	Date/Time
Alicia Bellotto	02/04/15	Asya Bychkov	2/4/15
Asya Bychkov	02/04/15 1325	Dave Lyon	2/4/15 1325
Dave Lyon	2/4/15 1850	Tom Tobin	2-4-15 1850
Tom Tobin	2-4-15 2255	Mukul Ung	2-4-15 2255

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)

Sample Delivery Group Form

Laboratory Job number: L1502252

Project Number: 80305

Project Name: THE NEW YORK WHEEL LLC **Received:** 02/04/2015 13:25

Client Account: AKRF, Inc. **Received by:** MC/RR

Samples Delivered by: COURIER **Call Tracker #**

Bill Of Laden N/A **Trackingnum**

Coc Present Present

Container Status Intact **Sample IDs**

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt 7 **Are samples Properly Preserved?** Yes

Initial pH **preserved in house with** **Final pH**

Other Issues

Chlorine Check N/A

Are VOA/VPH Vials Present? Yes

Aqueous: Do Vials Contain Head Space? No

Soils: Is MeOHCovering the Soil? N/A

Reagent H2O Preserved vials Frozen on N/A

Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	2.6 - IR Gun	No	No

ALPHA

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

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

NEW YORK CHAIN OF CUSTODY

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

Page 1 of 3

Date Rec'd in Lab: 10/2/15

ALPHA Job #: L1524941

Client Information
Client: AKRF, Inc.
Address: 440 Park Ave. S.
New York, NY 10016
Phone: 646-388-9865
Fax:
Email: asharma@akrf.com

Project Information
Project Name: The New York Wheel LLC
Project Location: 1 Bunk St. Staten Island, NY
Project # 80305
(Use Project name as Project #) ☐
Project Manager: Ashutosh Sharma
ALPHAQuote #:

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

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

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

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	VOCs-8260	SVOCs-8270	Pest. / PCB	TAL Metals	Sample Specific Comments	Total Bottle
24941-01	SP-101-[illegible]a-G	10/2	9:40	Soil	MJS	X					4
02	SP-101-[illegible]b-G	10/2	9:45	Soil	BJM	X					4
03	SP-101-C	10/2	~~9:50~~ 11:20	Soil	MJ		X	X	X		1
04	SP-102-[illegible]a-G	10/2	9:50	Soil	MJ	X					4
05	SP-102-[illegible]b-G	10/2	9:50	Soil	BJM	X					4
06	SP-102-[illegible]c-G	10/2	9:30	Soil	BJM	X					4
07	SP-102-C	10/2	11:05	Soil	MJ		X	X	X		1
08	SP-103-[illegible]a-G	10/2	9:55	Soil	MJ	X					4
09	SP-103-[illegible]b-G	10/2	9:55	Soil	BJM	X					4
10	SP-103-C	10/2	11:10	Soil	MJ		X	X	X		1

Container Type	E	A	A	A
Preservative	A	A	A	A

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

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	10/2	[illegible]	10/02/15 15:15
[illegible]	10/02/15 1841	[illegible]	10-2-15 1841
[illegible]	10/2/15 2330	[illegible]	10/2/15 2330

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)

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: 2 of 3

Date Rec'd in Lab: 10/2/15

ALPHA Job #: L1524941

Client Information
Client: AKRF, Inc
Address: 440 Park Avenue South
NY, NY 10016
Phone: 646-388-9865
Fax:
Email: Ashsharma@akrf.com

Project Information
Project Name: New York Wheel
Project Location: 1 Bank Street, SI
Project #: 80305
(Use Project name as Project #)
Project Manager: Ashutosh Sharma
ALPHAQuote #:

Turn-Around Time
Standard: [X]
Rush (only if pre approved): [ ]
Due Date:
# of Days:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
- [ ] ASP-A
- [X] 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
- [X] NY Unrestricted Use
- [ ] NYC Sewer Discharge

Billing Information
- [X] Same as Client Info

PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.

Disposal Facility:
- [ ] NJ
- [ ] NY
- [ ] Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC-8260	SVOC-8270	PCBs/PEST	TAL Metals	Total Bottle
24941-10	SP-103-MS	10/2/15	10:00	Soil	MJ	X	X	X	X	5
10	SP-103-MSD		10:05		MJ	X	X	X	X	5
11	SP-104-(a-b)		10:10		MJ	X				1
12	SP-104-(b-b)		10:15		BM	X				1
13	SP-104-(c-b)		10:20		BM	X				1
14	SP-104-C		11:15		MJ		X	X	X	4
15	SP-105-(a-b)		10:25		MJ	X				1
16	SP-105-(b-b)		10:30		BM	X				1
17	SP-105-C		11:30		BM		X	X	X	4
18	SP-DUP		11:40		BM	X	X	X	X	5
	Container Type					E	A	A	A	
	Preservative					A	A	A	A	

Sample Filtration
- [ ] Done
- [ ] Lab to do

Preservation
- [ ] Lab to do

(Please Specify below)

Sample Specific Comments

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brian Rebrattan	10/2	[illegible]	10/2/15 15:15
[illegible]	10/2/15 1840	[illegible]	10-2-15 1840
[illegible]	10/2/15 2330	[illegible]	10/2/15 2330

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)

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 3 of 3

Date Rec'd in Lab: 10/2/15

ALPHA Job #: L1524941

Client Information
Client: AKRF Inc
Address: 440 Park Avenue South
New York NY 10016
Phone: 646-388-9865
Fax:
Email: dsharma@akrf.com

Project Information
Project Name: New York Wheel
Project Location: 1 Bunk Street SI
Project # 80355
(Use Project name as Project #)
Project Manager: Ashutosh Sharma
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] 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
[X] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[X] 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	VOCs - 8260	SVOCs - 8270	Pesticides/PCBs	TAL Metals	Sample Specific Comments	Total Bottles
24941-19	SP-106-6a-6	10/2	10:15	~~SS~~ SO	MJ	X					4
20	SP-106-6b-6	10/2	10:15	~~BSM~~	BJM	X					4
21	SP-106-6C-6	10/2	9:45	~~BSM~~	BJM	X					4
22	SP-106-C	10/2	11:40	~~BSM~~	BJM		X	X	X		1
23	SP-107-6a-6	10/2	10:20	~~BSM~~	MJ	X					4
24	SP-107-6b-6	10/2	10:20	~~BSM~~	BJM	X					4
25	SP-107-C	10/2	11:45	~~BSM~~	BJM		X	X	X		1
26	TB	10/2	11:30	~~AQ~~ H_2O	MJ	X					1
27	FB	10/2	11:30	~~AQ~~ H_2O	MJ	X	X	X	X		10

Container Type: E A A A
Preservative: A A A A

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

Relinquished By:	Date/Time	Received By:	Date/Time
Brian McGrattan	10/2		
AKRF	10/2/15 1845		10-2-15 1845
	10/2/15 2330		10/2/15 2330

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)

Sample Delivery Group Form

Laboratory Job number: L1524941
Project Manager: Ben Rao **Review Date:** 10/05/2015
Project Number: 80305
Project Name: THE NEW YORK WHEEL LLC **Received:** 10/02/2015 15:15
Client Account: AKRF, Inc. **Received by:** JK/RR

Samples Delivered by: COURIER **Call Tracker #**
Bill Of Laden N/A **Trackingnum**
Coc Present Present

Container Status Intact **Sample IDs**

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt <2, 7 **Are samples Properly Preserved?** Yes
Initial pH **preserved in house with** **Final pH**
Other Issues
Chlorine Check N/A

Are VOA/VPH Vials Present? Yes
Aqueous: Do Vials Contain Head Space? No
Soils: Is MeOHCovering the Soil? N/A encores
Reagent H2O Preserved vials Frozen on 10/03/15 02:29
Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	4.1 - IR Gun	No	No

B	Absent	Yes	No	3.2 - IR Gun	No	No

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF C

460-108135 Chain of Custody

Page 1 of 4

Name (for report and invoice) Ashutosh Sharma	Samplers Name (Printed) Matthew Levy	Other Report Identification NY Wheel
Company AKRF	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: DKQP: ☐
Address 440 Park Ave S	Analysis Turnaround Time: Standard ☒	
City NY State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs 8260	SVOCs 8270	Pest /PCBs	TAL Metals	LAB USE ONLY Sample Numbers
SP-108-G	1/27/16	0800	Soil	4	X				1
SP-108 C		0800		1		X	X	X	2
SP-DUP-1		815		5	X	X	X	X	3
SP-108-MS		0820		5	X	X	X	X	1-2
SP-108-MSD		0830		5	X	X	X	X	1-2
SP-109-G		0840		4	X				4
SP-109-C		0845		1	X (Frozen)	X	X	X	5
SP-DUP-2		0900		5	X	X	X	X	6
SP-110-G	1/27/16	0905		4	X				7
SP-110-C		0907		1		X	X	X	8

Project No:

Job No: 108135

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:

6 = Other _____, 7 = Other _____ Water:

Special Instructions Regs: Unrestricted Use / Category B Deliverables Water Metals Filtered (Yes/No)? ____

5-Day RUSH

Relinquished by	Company	Date / Time	Received by	Company
1)	AKRF	1/27/16 1430	1)	TA
Relinquished by 2)	Company TA	Date / Time 1/27/16 1545	Received by 2)	Company TA 1/27/16 1545
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0715)

Massachusetts (M-NJ312), North Carolina (No. 578)

3.8/4.8°C IR#6 NO CS

02/16/2016

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Ashutosh Sharma	Samplers Name (Printed) Matthew Levy	Site/Project Identification NY Wheel
Company AKRF	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: DKQP: ☐
Address 440 Park Ave S	Analysis Turnaround Time: Standard ☒	
City NY State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 646 388 9865 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs 8260	SVOCs 8270	Pest/PCBs	TAL Metals	LAB USE ONLY Sample Numbers
SP-111-G	1/27/16	0910	Soil	4	X				9
SP-111-C		0912		1		X	X	X	10
SP-112-G		0915		4	X				11
SP-112-C		0917		1		X	X	X	12
SP-113-G		0920		4	X				13
SP-113-C		0922		1		X	X	X	14
SP-114-G		0925		4	X				15
SP-114-C		0927		1		X	X	X	16
SP-115-G		0930		4	X				17
SP-115-C		0931		1		X	X	X	18

LAB USE ONLY Project No:

Job No: 108135

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other _____, 7 = Other _____

Soil:

Water:

Special Instructions: Regs: Unrestricted Use NY / Cat. B Deliverables

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
	AKRF	1/27/16 1530	1)	TA
Relinquished by 2)	Company TA	Date / Time 1/27/16 1545	Received by 2)	Company TA 1/27
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

02/16/2016

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Ashutosh Sharma	Samplers Name (Printed) Matthew Levy	Site/Project Identification NY Wheel
Company AKRF	P. O. # 80305	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: DKQP: ☐
Address 440 Park Ave S	Analysis Turnaround Time Standard: ☒	
City NY State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 646 388 9865 Fax		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs 8260	SVOCs 8270	Pest / PCBs	TAL Metals	Sample Numbers
SP-116-G	1/27/16	1040	Soil	4	X				19
SP-116-C		1042		1		X	X	X	20
SP-117-G		1045		4	X				21
SP-117-C		1047		1		X	X	X	22
SP-118-G		1050		4	X				23
SP-118-C		1052		1		X	X	X	24
SP-119-G		1055		4	X				25
SP-119-C		1057		1		X	X	X	26
SP-120-G		1100		4	X				27
SP-120-C		1105		1		X	X	X	28

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

LAB USE ONLY
Project No:
Job No: 108135

Special Instructions: Unrestricted Use (NY) / Cat. B Deliverables Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	AKRF	1/27/16 1430	1)	TA
2)	TA.	1/27/16 1547	2)	TA 1/27/16 1545
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

02/16/2016
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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) Ashutosh Sharma	Samplers Name (Printed) M. Ley	Site/Project Identification NY Wheel
Company NYRF 440 Park Ave S	P. O. # 80305	State (Location of site): NJ: ☐ NY: ☒ Other:
Address ↓	Analysis Turnaround Time: Standard ☒	Regulatory Program: DKQP: ☐
City NY State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 646 758-9865 Fax		Job No: 108135

Sample Identification	Date	Time	Matrix	No. of Cont.	8260 VOCs	8270 SVOCs	Asbestos PCM	TAL Metals	Sample Numbers
SP-121A-C	1/27	1100	Soil	3		X	X	X	29
SP-122-G	↓	1110	↓	4	X				30
SP-122-C		1115		1		X	X	X	31
SP-123-G		1120		4	X				32
SP-123-C		1130		1		X	X	X	33
TB-20160127		0700	DI	2	X				34
FB-20160127	↓	1280	DI	10	X	X	X	X	35

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil:
6 = Other _____, 7 = Other _____ Water:

Special Instructions Cat. B Deliv. + NY Unrestricted Reqs

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	NYRF	1/27/16 1430	1)	TA
2)	TA	1/27/16 1545	2)	TA 1/27/16
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

02/16/2016

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-108135-1

Login Number: 108135
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8° C IR #6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Appendix B
Case Narratives

Project Name:	THE NEW YORK WHEEL LLC	**Lab Number:**	L1430229
Project Number:	80305	**Report Date:**	12/23/14

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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 free of charge for 30 days from the date the project is completed. After 30 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.

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

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.

Volatile Organics

The WG750847-4 MS recoveries, performed on L1430229-01, are below the acceptance criteria for bromomethane (34%), hexachlorobutadiene (61%), 1,2,3-trichlorobenzene (57%), and 1,2,4-trichlorobenzene (69%); however, the associated LCS/LCSD recoveries are within overall method allowances.

The WG750847-4/-5 MS/MSD RPDs, performed on L1430229-01, are above the acceptance criteria for bromomethane (36%), 1,2,3-trichlorobenzene (26%), and 1,4-dioxane (26%).

Semivolatile Organics

The WG750696-4 MS recoveries, performed on L1430229-01, are below the acceptance criteria for 3,3'-dichlorobenzidine (38%) and 2,4-dimethylphenol (28%); however, the associated LCS/LCSD recoveries are within overall method allowances.

The WG750696-4/-5 MS/MSD RPD, performed on L1430229-01, is above the acceptance criteria for 2,4-dimethylphenol (67%).

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: Report Date: 12/23/14

Title: Technical Director/Representative

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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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.

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

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.

Volatile Organics

The WG761256-4/-5 MS/MSD recoveries, performed on L1502252-03, are outside the acceptance criteria for chloroethane (139%/146%), acetone (MS at 159%), sec-butylbenzene (MS at 64%), tert-butylbenzene (MS at 68%), hexachlorobutadiene (MS at 45%), p-isopropyltoluene (MS at 63%), naphthalene (MS at 62%), 1,2,3-trichlorobenzene (MS at 56%), 1,2,4-trichlorobenzene (MS at 56%), 1,4-diethylbenzene (MS at 61%), and 1,2,4,5-tetramethylbenzene (MS at 64%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

The WG761256-4/-5 MS/MSD RPDs, performed on L1502252-03, are above the acceptance criteria for carbon disulfide (22%), n-butylbenzene (35%), sec-butylbenzene (28%), tert-butylbenzene (25%), 1,2-dibromo-3-chloropropane (28%), hexachlorobutadiene (38%), p-isopropyltoluene (30%), naphthalene (56%), 1,2,3-trichlorobenzene (51%), 1,2,4-trichlorobenzene (43%), 1,3,5-trimethylbenzene (21%), 1,2,4-trimethylbenzene (23%), 1,4-dioxane (43%), 1,4-diethylbenzene (31%), 4-ethyltoluene (21%), and 1,2,4,5-tetramethylbenzene (25%).

Semivolatile Organics

The WG760910-4/-5 MS/MSD recoveries, performed on L1502252-03, are outside the acceptance criteria for 3,3'-dichlorobenzidine (2%/2%) and 4-chloroaniline (MS at 38%).

The WG760910-4/-5 MS/MSD RPDs, performed on L1502252-03, are above the acceptance criteria for 3,3'-dichlorobenzidine (35%) and 4-chloroaniline (33%).

Semivolatile Organics by SIM

The WG761718-4 MS recovery, performed on L1502252-03, is outside the acceptance criteria for pentachlorophenol (110%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

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 Report Date: 02/11/15

Title: Technical Director/Representative

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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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 free of charge for 30 days from the date the project is completed. After 30 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.

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

Report Submission

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

Case Narrative (continued)

MDL column.

Semivolatile Organics

L1524941-07, -14, -17, -22, and -25: The sample has elevated detection limits due to the dilution required by the sample matrix.

The WG828450-2/-3 LCS/LCSD recoveries, associated with L1524941-07, -14, -17, -18, -22 and -25, are below the acceptance criteria for benzoic acid (2%/6%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG829024-4/-5 MS/MSD recoveries, performed on L1524941-10, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/4%), hexachlorocyclopentadiene (0%/0%), 2,4-dinitrophenol (0%/0%) and benzoic acid (0%/0%) due to the concentration of these compounds falling below the reported detection limit.

The WG829024-5 MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for fluoranthene (0%), benzo(a)anthracene (0%), benzo(a)pyrene (0%), benzo(b)fluoranthene (0%), chrysene (0%), phenanthrene (0%) and pyrene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Metals

L1524941-03, -07, -10, -14, -17, -18, -22, and -25: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG828108-1 Method Blank, associated with L1524941-03, -07, -10, -14, -17, -18, -22 and -25, has a concentration above the reporting limit for Iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG828170-1 Method Blank, associated with L1524941-27, has a concentration above the reporting limit for Iron. Since the sample was non-detect for this target analyte, no further actions were taken. The results of the original analysis are reported.

The WG828108-3/-4 MS/MSD recoveries for aluminum (433%/434%), calcium (216%/0%), copper (0%/0%), iron (1080%/1080%), magnesium (866%/217%), manganese (MS at 130%), and nickel (65%/65%), performed

Case Narrative (continued)

on L1524941-10, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG828108-3/-4 MS/MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for arsenic (45%/72%), lead (MS at 0%), thallium (MSD at 71%) and zinc (0%/0%). A post digestion spike was performed and was within acceptance criteria.

The WG828108-3/-4 MS/MSD RPDs for lead (21%) and magnesium (26%), performed on L1524941-10, are above the acceptance criteria.

The WG828117-3/-4 MS/MSD recoveries, performed on L1524941-10, are outside the acceptance criteria for mercury (188%/164%). A post digestion spike was performed and was within 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 Report Date: 10/12/15

Title: Technical Director/Representative

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-108135-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 1/27/2016 3:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8° C.

Receipt Exceptions

SP-108-MS and -MSD samples were renamed "SP-108-G-MS and -MSD" (for VOC) and "SP-108-C-MS and -MSD" (for all other tests) to match the naming convention of the parent samples. The collection times that were documented on the COC for the MS and MSD samples were changed to 0800 due to the EDD requirement that the parent and MS/MSD samples must have the same collection time.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Samples SP-108-G (460-108135-1), SP-DUP-1 (460-108135-3), SP-109-G (460-108135-4), SP-DUP-2 (460-108135-6), SP-110-G (460-108135-7), SP-111-G (460-108135-9), SP-112-G (460-108135-11), SP-113-G (460-108135-13), SP-114-G (460-108135-15), SP-115-G (460-108135-17), SP-116-G (460-108135-19), SP-117-G (460-108135-21), SP-118-G (460-108135-23), SP-119-G (460-108135-25), SP-120-G (460-108135-27), SP-122-G (460-108135-30) and SP-123-G (460-108135-32) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 01/27/2016 and analyzed on 01/28/2016 and 01/29/2016.

The continuing calibration verification (CCV) associated with batch 460-348160 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Chlorobromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-347941 recovered above the upper control limit for 1,1-Dichloroethene and 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The laboratory control sample (LCS) for batch analytical batch 460-347941 recovered outside control limits for the following analyte: 1,1-Dichloroethene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS/MSD of sample SP-108-GMS (460-108135-1) in batch 460-347941.

1,1-Dichloroethene failed the recovery criteria high for LCS 460-347941/3.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS
Samples TB-20160127 (460-108135-34) and FB-20160127 (460-108135-35) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 01/28/2016.

The continuing calibration verification (CCV) analyzed in batch 460-347954 was outside the method criteria for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample (LCS) for batch analytical batch 460-347954 recovered outside control limits for the following analyte: 1,4-Dioxane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

1,4-Dioxane failed the recovery criteria high for the MSD of sample 460-108037-2 in batch 460-347954. 1,4-Dioxane exceeded the RPD limit. The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Sample FB-20160127 (460-108135-35) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 01/28/2016 and analyzed on 01/29/2016.

No difficulties were encountered during the semivolatiles analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES
Samples SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-C (460-108135-8), SP-111-C (460-108135-10), SP-112-C (460-108135-12), SP-113-C (460-108135-14), SP-114-C (460-108135-16), SP-115-C (460-108135-18), SP-116-C (460-108135-20), SP-117-C (460-108135-22), SP-118-C (460-108135-24), SP-119-C (460-108135-26), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-C (460-108135-31) and SP-123-C (460-108135-33) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 02/02/2016.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES
Sample FB-20160127 (460-108135-35) was analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 01/29/2016 and analyzed on 01/30/2016.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-C (460-108135-8), SP-111-C (460-108135-10), SP-112-C (460-108135-12), SP-113-C (460-108135-14), SP-114-C (460-108135-16), SP-115-C (460-108135-18), SP-116-C (460-108135-20), SP-117-C (460-108135-22), SP-118-C (460-108135-24), SP-119-C (460-108135-26), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-C (460-108135-31) and SP-123-C (460-108135-33) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 02/02/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Sample FB-20160127 (460-108135-35) was analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 01/29/2016 and analyzed on 01/31/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-C (460-108135-8), SP-111-C (460-108135-10), SP-112-C (460-108135-12), SP-113-C (460-108135-14), SP-114-C (460-108135-16), SP-115-C (460-108135-18), SP-116-C (460-108135-20), SP-117-C (460-108135-22), SP-118-C (460-108135-24), SP-119-C (460-108135-26), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-C (460-108135-31) and SP-123-C (460-108135-33) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 01/28/2016 and analyzed on 01/29/2016, 02/01/2016, 02/02/2016 and 02/03/2016.

The continuing calibration verification (CCV) analyzed in batch 460-348153 was outside the method criteria for the following analyte(s): Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-348141 was outside the method criteria for the following analyte(s): 2-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-348790 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene, 2,4-Dinitrophenol, 2,2'-oxybis[1-chloropropane], Hexachlorocyclopentadiene and 2-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-348408 was outside the method criteria for the following analyte(s): 2,4-Dinitrophenol, 2,4,6-Trichlorophenol, 2,6-Dinitrotoluene, 3-Nitroaniline and 2-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in 460-348417 was outside the method criteria for the following analyte(s): Caprolactam. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-348575 was outside the method criteria for the following analyte(s): Hexachloroethane, 2,4-Dinitrophenol, 2,2'-oxybis[1-chloropropane], Acenaphthene and 2-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-348715 was outside the method criteria for the following analyte(s): 2,2'-oxybis[1-chloropropane] and 2-Nitroaniline. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SP-123-C (460-108135-33). These results have been reported and qualified.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SP-114-C (460-108135-16). These results have been reported and qualified.

Surrogate recovery for the following samples was outside the upper control limit: (LCS 460-348006/2-A) and (LCS 460-348006/3-A).

2-Fluorobiphenyl failed the surrogate recovery criteria high for SP-114-C (460-108135-16). Nitrobenzene-d5 (Surr) failed the surrogate recovery criteria low for SP-123-C (460-108135-33). 2,4,6-Tribromophenol (Surr), 2-Fluorophenol (Surr) and Phenol-d5 (Surr) failed the surrogate recovery criteria high for LCS 460-348006/2-A. 2,4,6-Tribromophenol (Surr) and 2-Fluorophenol (Surr) failed the surrogate recovery criteria high for LCS 460-348006/3-A.

Several analytes failed the recovery criteria low for the MS/mMSD of sample SP-108-CMS (460-108135-2) in batch 460-348141. 2,3,4,6-Tetrachlorophenol, 2-Nitroaniline and 4,6-Dinitro-2-methylphenol exceeded the RPD limit.

Refer to the QC report for details.

Samples SP-DUP-1 (460-108135-3)[2X], SP-111-C (460-108135-10)[2X], SP-112-C (460-108135-12)[2X], SP-119-C (460-108135-26)[2X], SP-121A-C (460-108135-29)[2X], SP-122-C (460-108135-31)[2X] and SP-123-C (460-108135-33)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-C (460-108135-8), SP-111-C (460-108135-10), SP-112-C (460-108135-12), SP-113-C (460-108135-14), SP-114-C (460-108135-16), SP-115-C (460-108135-18), SP-116-C (460-108135-20), SP-117-C (460-108135-22), SP-118-C (460-108135-24), SP-119-C (460-108135-26), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-C (460-108135-31) and SP-123-C (460-108135-33) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 01/28/2016.

Several analytes failed the recovery criteria low for the MS of sample SP-108-CMS (460-108135-2) in batch 460-348102. Aluminum failed the recovery criteria high. Lead exceeded the RPD limit for the duplicate of sample SP-108-CDU (460-108135-2).

Refer to the QC report for details.

Samples SP-108-C (460-108135-2)[20X], SP-DUP-1 (460-108135-3)[10X], SP-DUP-1 (460-108135-3)[4X], SP-109-C (460-108135-5) [4X], SP-DUP-2 (460-108135-6)[4X], SP-110-C (460-108135-8)[4X], SP-111-C (460-108135-10)[20X], SP-112-C (460-108135-12)[10X], SP-112-C (460-108135-12)[4X], SP-113-C (460-108135-14)[4X], SP-114-C (460-108135-16)[10X], SP-114-C (460-108135-16)[4X], SP-115-C (460-108135-18)[4X], SP-116-C (460-108135-20)[4X], SP-117-C (460-108135-22)[4X], SP-118-C (460-108135-24)[10X], SP-118-C (460-108135-24)[4X], SP-119-C (460-108135-26)[4X], SP-120-C (460-108135-28)[10X], SP-120-C (460-108135-28)[4X], SP-121A-C (460-108135-29)[4X], SP-122-C (460-108135-31)[4X] and SP-123-C (460-108135-33)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

METALS

Sample FB-20160127 (460-108135-35) was analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 01/28/2016.

Zinc exceeded the RPD limit for the duplicate of sample 460-108145-1.

Refer to the QC report for details.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample FB-20160127 (460-108135-35) was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 01/29/2016.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-C (460-108135-8), SP-111-C (460-108135-10), SP-112-C (460-108135-12), SP-113-C (460-108135-14), SP-114-C (460-108135-16), SP-115-C (460-108135-18), SP-116-C (460-108135-20), SP-117-C (460-108135-22), SP-118-C (460-108135-24), SP-119-C (460-108135-26), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-C (460-108135-31) and SP-123-C (460-108135-33) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 01/28/2016.

Mercury failed the recovery criteria high for the MS of sample SP-108-CMS (460-108135-2) in batch 460-348022.

Refer to the QC report for details.

Samples SP-113-C (460-108135-14)[2X] and SP-121A-C (460-108135-29)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SP-108-G (460-108135-1), SP-108-C (460-108135-2), SP-DUP-1 (460-108135-3), SP-109-G (460-108135-4), SP-109-C (460-108135-5), SP-DUP-2 (460-108135-6), SP-110-G (460-108135-7), SP-110-C (460-108135-8), SP-111-G (460-108135-9), SP-111-C

(460-108135-10), SP-112-G (460-108135-11), SP-112-C (460-108135-12), SP-113-G (460-108135-13), SP-113-C (460-108135-14), SP-114-G (460-108135-15), SP-114-C (460-108135-16), SP-115-G (460-108135-17), SP-115-C (460-108135-18), SP-116-G (460-108135-19), SP-116-C (460-108135-20), SP-117-G (460-108135-21), SP-117-C (460-108135-22), SP-118-G (460-108135-23), SP-118-C (460-108135-24), SP-119-G (460-108135-25), SP-119-C (460-108135-26), SP-120-G (460-108135-27), SP-120-C (460-108135-28), SP-121A-C (460-108135-29), SP-122-G (460-108135-30), SP-122-C (460-108135-31), SP-123-G (460-108135-32) and SP-123-C (460-108135-33) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 01/28/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

PART 1
Appendix C
Data Summary Form I's
With Qualifications

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/21/14 17:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1221A19	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

ALPHA ANALYTICAL

12/16/14

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/21/14 17:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1221A19	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	~~U~~ UJ
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

4/16/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/21/14 17:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1221A19	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	~~U~~ UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	~~U~~ UJ
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	~~U~~ UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

SDG 4/16/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 16:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A17	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	~~U~~ UJ
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

4/12/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 16:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A17	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

ALPHA ANALYTICAL

JQM 4/6/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 16:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A17	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	~~U~~ UJ

for MV 4/6/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP of MW-12)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A18	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	~~U~~ UJ
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP OF MW-12)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A18	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

LOV 4/11/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP OF MW-12)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:26
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A18	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	~~U~~ UJ

SDG 4/11/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A19	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

for 4/12/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A19	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	~~U~~ UJ

JM 4/16/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 17:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A19	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	~~U~~ UJ

SDG 4646

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-05	Date Collected	: 12/15/14 00:00
Client ID	: TRIP BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A20	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	~~U~~ UJ
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

ALPHA ANALYTICAL

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-05	Date Collected	: 12/15/14 00:00
Client ID	: TRIP BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A20	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

ALPHA ANALYTICAL

JON 4/16/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-05	Date Collected	: 12/15/14 00:00
Client ID	: TRIP BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/19/14 18:22
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1219A20	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	~~U~~ UJ

SDG 4/6/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 18:30
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-01	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	~~U~~ UJ
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	~~U~~ UJ
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

JAP 4/14/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 18:30
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-01	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	U
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	~~U~~ UJ
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	~~U~~ UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	~~U~~ UJ
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

for 4/13/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-01	Date Collected	: 12/15/14 13:00
Client ID	: MW-12	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 15:42
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 30229-01	Analyst	: KV
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 18:55
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-02	Analyst	: RC
Sample Amount	: 850 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 850 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	~~U~~ UJ
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

4/13/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 18:55
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-02	Analyst	: RC
Sample Amount	: 850 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 850 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	U
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	~~U~~ UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	~~U~~ UJ
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-02	Date Collected	: 12/15/14 18:15
Client ID	: MW-9	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 16:07
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 30229-02	Analyst	: KV
Sample Amount	: 850 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 850 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	0.12	0.20	0.04	J
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	0.08	0.20	0.06	J
50-32-8	Benzo(a)pyrene	0.07	0.20	0.07	J
205-99-2	Benzo(b)fluoranthene	0.10	0.20	0.07	J
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	0.07	0.20	0.05	J
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	0.11	0.20	0.06	J
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	0.12	0.20	0.06	J
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP OF MW-12)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 19:21
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-03	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	~~U~~ UJ
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP08 MW-1L)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 19:21
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-03	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	U
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	~~U~~ UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	~~U~~ UJ
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

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SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-03	Date Collected	: 12/15/14 13:00
Client ID	: MW-17 (DUP OF MW-12)	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 16:32
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 30229-03	Analyst	: KV
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 19:46
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-04	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	~~U~~ UJ
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	~~U~~ UJ
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

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SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 19:46
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 30229-04	Analyst	: RC
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	U
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	~~U~~ UJ
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	~~U~~ UJ
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1430229
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1430229-04	Date Collected	: 12/15/14 15:30
Client ID	: FIELD BLANK	Date Received	: 12/16/14
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 12/22/14 16:56
Sample Matrix	: WATER	Date Extracted	: 12/20/14
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 30229-04	Analyst	: KV
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 11:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0206A05	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	~~U~~ UJ
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 11:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0206A05	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	~~U~~ UJ
67-64-1	Acetone	2.1	5.0	1.5	~~J~~ J+
75-15-0	Carbon disulfide	ND	5.0	1.0	~~U~~ UJ
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 11:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0206A05	Instrument ID	: ELAINE.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	~~U~~ UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	~~U~~ UJ
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	~~U~~ UJ
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	~~U~~ UJ
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	~~U~~ UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02	Date Collected	: 02/03/15 13:45
Client ID	: MW-17 COUP of MW-9)	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 17:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A21	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02	Date Collected	: 02/03/15 13:45
Client ID	: MW-17 COUPOF MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 17:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A21	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	7.3	5.0	1.5	J+
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02	Date Collected	: 02/03/15 13:45
Client ID	: MW-17 (DUP OF MW-9)	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 17:57
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A21	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 18:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A22	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U UJ
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 18:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A22	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ R
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/06/15 18:25
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MS
Lab File ID	: 0206A22	Instrument ID	: VOA108.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	~~U~~ UJ
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	~~U~~ UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	~~U~~ UJ
91-20-3	Naphthalene	ND	2.5	0.70	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	~~U~~ UJ
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	~~U~~ UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 12:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A07	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

2/11/15

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 12:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A07	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 12:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A07	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	~~U~~ UJ
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	~~U~~ UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	~~U~~ UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-05	Date Collected	: 02/03/15 00:00
Client ID	: TRIP BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 13:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A08	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	~~U~~ UJ
75-01-4	Vinyl chloride	ND	1.0	0.33	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-05	Date Collected	: 02/03/15 00:00
Client ID	: TRIP BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 13:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A08	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ UJ
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ UJ
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-05	Date Collected	: 02/03/15 00:00
Client ID	: TRIP BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/05/15 13:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 0205A08	Instrument ID	: VOA105.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	~~U~~ UJ
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	~~U~~ UJ
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	~~U~~ UJ
98-82-8	Isopropylbenzene	ND	2.5	0.70	~~U~~ UJ
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	~~U~~ UJ
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	~~U~~ UJ
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 19:50
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-01	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	1.3	3.0	0.93	J
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

SOK 4/17/16

ALPHA ANALYTICAL

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 19:50
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-01	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	~~U~~ UJ
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	U
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

JOK 4/16/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-01	Date Collected	: 02/03/15 15:25
Client ID	: MW-12	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/11/15 11:03
Sample Matrix	: WATER	Date Extracted	: 02/10/15
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 02252-01	Analyst	: MW
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02	Date Collected	: 02/03/15 13:45
Client ID	: MW-17 (DUP OF MW-9)	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 20:14
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-02	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02	Date Collected	: 02/03/15 13:45
Client ID	: MW-17 (Dupot MW-9)	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 20:14
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-02	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	~~U~~ UJ
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	U
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-02 (DUP of MW-9)	Date Collected	: 02/03/15 13:45
Client ID	: MW-17	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/11/15 11:27
Sample Matrix	: WATER	Date Extracted	: 02/10/15
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 02252-02	Analyst	: MW
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	0.12	0.20	0.06	J
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 20:39
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-03	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	~~U~~ R
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 20:39
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-03	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	~~U~~ UJ
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	U
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

for 4/16/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-03	Date Collected	: 02/03/15 13:00
Client ID	: MW-9	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/11/15 10:38
Sample Matrix	: WATER	Date Extracted	: 02/10/15
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 02252-03	Analyst	: MW
Sample Amount	: 1000 ml	Instrument ID	: MINDY.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 21:03
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-04	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	~~U~~ UJ
78-59-1	Isophorone	ND	5.0	0.79	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
92-52-4	Biphenyl	ND	2.0	0.24	U

for 4/17/15

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/07/15 21:03
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 02252-04	Analyst	: PS
Sample Amount	: 1000 ml	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
106-47-8	4-Chloroaniline	ND	5.0	0.84	~~U~~ UJ
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U
132-64-9	Dibenzofuran	ND	2.0	0.22	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	U
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1502252
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1502252-04	Date Collected	: 02/03/15 14:10
Client ID	: FIELD BLANK	Date Received	: 02/04/15
Sample Location	: 1 BANK STREET-STATEN ISLA	Date Analyzed	: 02/10/15 13:46
Sample Matrix	: WATER	Date Extracted	: 02/05/15
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: 02252-04	Analyst	: MW
Sample Amount	: 1000 ml	Instrument ID	: MORK.I
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilMS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.20	0.06	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.07	U
206-44-0	Fluoranthene	ND	0.20	0.04	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.07	U
91-20-3	Naphthalene	ND	0.20	0.06	U
56-55-3	Benzo(a)anthracene	ND	0.20	0.06	U
50-32-8	Benzo(a)pyrene	ND	0.20	0.07	U
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.07	U
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.07	U
218-01-9	Chrysene	ND	0.20	0.05	U
208-96-8	Acenaphthylene	ND	0.20	0.05	U
120-12-7	Anthracene	ND	0.20	0.06	U
191-24-2	Benzo(ghi)perylene	ND	0.20	0.07	U
86-73-7	Fluorene	ND	0.20	0.06	U
85-01-8	Phenanthrene	ND	0.20	0.06	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.07	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	0.20	0.08	U
129-00-0	Pyrene	ND	0.20	0.06	U
91-57-6	2-Methylnaphthalene	ND	0.20	0.06	U
87-86-5	Pentachlorophenol	ND	0.80	0.19	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.07	U

PART 2
Appendix C
Data Summary Form I's
With Qualifications

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-01	Date Collected	: 10/02/15 09:40
Client ID	: SP-101-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A23	Instrument ID	: VOA110.I
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.4	~~U~~ UJ
75-34-3	1,1-Dichloroethane	ND	2.0	0.11	~~U~~ UJ
67-66-3	Chloroform	ND	2.0	0.49	~~U~~ UJ
56-23-5	Carbon tetrachloride	ND	1.3	0.28	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	4.6	0.30	~~U~~ UJ
124-48-1	Dibromochloromethane	ND	1.3	0.20	~~U~~ UJ
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	~~U~~ UJ
127-18-4	Tetrachloroethene	ND	1.3	0.18	~~U~~ UJ
108-90-7	Chlorobenzene	ND	1.3	0.46	~~U~~ UJ
75-69-4	Trichlorofluoromethane	ND	6.6	0.51	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	~~U~~ UJ
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.14	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.3	0.23	~~U~~ UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.15	~~U~~ UJ
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.15	~~U~~ UJ
563-58-6	1,1-Dichloropropene	ND	6.6	0.18	~~U~~ UJ
75-25-2	Bromoform	ND	5.2	0.31	~~U~~ UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	~~U~~ UJ
71-43-2	Benzene	ND	1.3	0.16	~~U~~ UJ
108-88-3	Toluene	ND	2.0	0.26	~~U~~ UJ
100-41-4	Ethylbenzene	ND	1.3	0.17	~~U~~ UJ
74-87-3	Chloromethane	ND	6.6	0.39	U
74-83-9	Bromomethane	ND	2.6	0.44	U
75-01-4	Vinyl chloride	ND	2.6	0.15	U
75-00-3	Chloroethane	ND	2.6	0.42	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.34	~~U~~ UJ

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-01	Date Collected	: 10/02/15 09:40
Client ID	: SP-101-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A23	Instrument ID	: VOA110.I
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	U UJ
79-01-6	Trichloroethene	ND	1.3	0.16	U UJ
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.20	U UJ
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.18	U UJ
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.18	U UJ
1634-04-4	Methyl tert butyl ether	ND	2.6	0.11	U
179601-23-1	p/m-Xylene	ND	2.6	0.26	U UJ
95-47-6	o-Xylene	ND	2.6	0.22	U UJ
1330-20-7	Xylenes, Total	ND	2.6	0.22	U UJ
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	U UJ
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.19	U UJ
74-95-3	Dibromomethane	ND	13	0.22	U UJ
100-42-5	Styrene	ND	2.6	0.53	U UJ
75-71-8	Dichlorodifluoromethane	ND	13	0.25	U
67-64-1	Acetone	ND	13	1.4	U UJ
75-15-0	Carbon disulfide	ND	13	1.4	U UJ
78-93-3	2-Butanone	ND	13	0.36	U UJ
108-05-4	Vinyl acetate	ND	13	0.17	U UJ
108-10-1	4-Methyl-2-pentanone	ND	13	0.32	U UJ
96-18-4	1,2,3-Trichloropropane	ND	13	0.21	U UJ
591-78-6	2-Hexanone	ND	13	0.88	U UJ
74-97-5	Bromochloromethane	ND	6.6	0.36	U UJ
594-20-7	2,2-Dichloropropane	ND	6.6	0.30	U
106-93-4	1,2-Dibromoethane	ND	5.2	0.23	U UJ
142-28-9	1,3-Dichloropropane	ND	6.6	0.19	U UJ
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.42	U UJ
108-86-1	Bromobenzene	ND	6.6	0.27	U UJ

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-01	Date Collected	: 10/02/15 09:40
Client ID	: SP-101-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 20:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A23	Instrument ID	: VOA110.I
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
104-51-8	n-Butylbenzene	ND	1.3	0.15	U	UJ
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U	UJ
98-06-6	tert-Butylbenzene	ND	6.6	0.18	U	UJ
95-49-8	o-Chlorotoluene	ND	6.6	0.21	U	UJ
106-43-4	p-Chlorotoluene	ND	6.6	0.17	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	0.52	U	UJ
87-68-3	Hexachlorobutadiene	ND	6.6	0.30	U	UJ
98-82-8	Isopropylbenzene	ND	1.3	0.14	U	UJ
99-87-6	p-Isopropyltoluene	ND	1.3	0.16	U	UJ
91-20-3	Naphthalene	ND	6.6	0.18	U	UJ
107-13-1	Acrylonitrile	ND	13	0.68	U	UJ
103-65-1	n-Propylbenzene	ND	1.3	0.14	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.19	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.24	U	UJ
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	0.19	U	UJ
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	0.18	U	UJ
123-91-1	1,4-Dioxane	ND	130	19.	U	R
105-05-5	p-Diethylbenzene	ND	5.2	0.21	U	UJ
622-96-8	p-Ethyltoluene	ND	5.2	0.16	U	UJ
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.2	0.17	U	UJ
60-29-7	Ethyl ether	ND	6.6	0.34	U	UJ
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.6	0.52	U	UJ

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-02	Date Collected	: 10/02/15 09:45
Client ID	: SP-101-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 14:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A19	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	14	1.6	U
75-34-3	1,1-Dichloroethane	ND	2.1	0.12	U
67-66-3	Chloroform	ND	2.1	0.53	U
56-23-5	Carbon tetrachloride	ND	1.4	0.30	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	5.0	0.33	U
124-48-1	Dibromochloromethane	ND	1.4	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.43	U
127-18-4	Tetrachloroethene	ND	1.4	0.20	U
108-90-7	Chlorobenzene	ND	1.4	0.50	U
75-69-4	Trichlorofluoromethane	ND	7.2	0.56	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	U
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.16	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.4	0.25	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.17	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	1.4	0.17	U
563-58-6	1,1-Dichloropropene	ND	7.2	0.20	~~U~~ UJ
75-25-2	Bromoform	ND	5.7	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.14	U
71-43-2	Benzene	ND	1.4	0.17	U
108-88-3	Toluene	ND	2.1	0.28	U
100-41-4	Ethylbenzene	ND	1.4	0.18	U
74-87-3	Chloromethane	ND	7.2	0.42	U
74-83-9	Bromomethane	ND	2.9	0.48	U
75-01-4	Vinyl chloride	ND	2.9	0.17	U
75-00-3	Chloroethane	ND	2.9	0.45	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	1.4	0.37	U

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-02	Date Collected	: 10/02/15 09:45
Client ID	: SP-101-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 14:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A19	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.30	U
79-01-6	Trichloroethene	ND	1.4	0.18	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	7.2	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	7.2	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	7.2	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.9	0.12	U
179601-23-1	p/m-Xylene	ND	2.9	0.26	U
95-47-6	o-Xylene	ND	2.9	0.24	U
1330-20-7	Xylenes, Total	ND	2.9	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.20	U
74-95-3	Dibromomethane	ND	14	0.23	U
100-42-5	Styrene	ND	2.9	0.58	U
75-71-8	Dichlorodifluoromethane	ND	14	0.27	~~U~~ UJ
67-64-1	Acetone	ND	14	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	14	1.6	U
78-93-3	2-Butanone	ND	14	0.39	~~U~~ UJ
108-05-4	Vinyl acetate	ND	14	0.19	U
108-10-1	4-Methyl-2-pentanone	ND	14	0.35	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	14	0.23	U
591-78-6	2-Hexanone	ND	14	0.95	U
74-97-5	Bromochloromethane	ND	7.2	0.39	U
594-20-7	2,2-Dichloropropane	ND	7.2	0.32	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	5.7	0.25	U
142-28-9	1,3-Dichloropropane	ND	7.2	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.4	0.46	U
108-86-1	Bromobenzene	ND	7.2	0.30	U

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-02	Date Collected	: 10/02/15 09:45
Client ID	: SP-101-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 14:58
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A19	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.4	0.16	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.4	0.17	U
98-06-6	tert-Butylbenzene	ND	7.2	0.19	U
95-49-8	o-Chlorotoluene	ND	7.2	0.23	U
106-43-4	p-Chlorotoluene	ND	7.2	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	0.57	U
87-68-3	Hexachlorobutadiene	ND	7.2	0.33	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.18	U
91-20-3	Naphthalene	ND	7.2	0.20	U
107-13-1	Acrylonitrile	ND	14	0.74	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.4	0.16	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	0.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	0.20	U
123-91-1	1,4-Dioxane	ND	140	21.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.7	0.23	U
622-96-8	p-Ethyltoluene	ND	5.7	0.18	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.7	0.19	U
60-29-7	Ethyl ether	ND	7.2	0.37	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.2	0.56	~~U~~ UJ

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-04	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A20	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.4	U
75-34-3	1,1-Dichloroethane	ND	2.0	0.11	U
67-66-3	Chloroform	ND	2.0	0.49	U
56-23-5	Carbon tetrachloride	ND	1.3	0.28	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	4.6	0.30	U
124-48-1	Dibromochloromethane	ND	1.3	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	U
127-18-4	Tetrachloroethene	ND	1.3	0.18	U
108-90-7	Chlorobenzene	ND	1.3	0.46	U
75-69-4	Trichlorofluoromethane	ND	6.6	0.51	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.14	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.3	0.23	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.15	U
563-58-6	1,1-Dichloropropene	ND	6.6	0.18	~~U~~ UJ
75-25-2	Bromoform	ND	5.2	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	U
71-43-2	Benzene	ND	1.3	0.16	U
108-88-3	Toluene	ND	2.0	0.26	U
100-41-4	Ethylbenzene	ND	1.3	0.17	U
74-87-3	Chloromethane	ND	6.6	0.39	U
74-83-9	Bromomethane	ND	2.6	0.44	U
75-01-4	Vinyl chloride	ND	2.6	0.15	U
75-00-3	Chloroethane	ND	2.6	0.42	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	1.3	0.34	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-04	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A20	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	U
79-01-6	Trichloroethene	ND	1.3	0.16	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.11	U
179601-23-1	p/m-Xylene	ND	2.6	0.26	U
95-47-6	o-Xylene	ND	2.6	0.22	U
1330-20-7	Xylenes, Total	ND	2.6	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.19	U
74-95-3	Dibromomethane	ND	13	0.22	U
100-42-5	Styrene	ND	2.6	0.53	U
75-71-8	Dichlorodifluoromethane	ND	13	0.25	~~U~~ UJ
67-64-1	Acetone	ND	13	1.4	~~U~~ UJ
75-15-0	Carbon disulfide	ND	13	1.4	U
78-93-3	2-Butanone	ND	13	0.36	~~U~~ UJ
108-05-4	Vinyl acetate	ND	13	0.17	U
108-10-1	4-Methyl-2-pentanone	ND	13	0.32	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	13	0.21	U
591-78-6	2-Hexanone	ND	13	0.88	U
74-97-5	Bromochloromethane	ND	6.6	0.36	U
594-20-7	2,2-Dichloropropane	ND	6.6	0.30	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	5.2	0.23	U
142-28-9	1,3-Dichloropropane	ND	6.6	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.42	U
108-86-1	Bromobenzene	ND	6.6	0.27	U

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Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-04	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:25
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A20	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 85
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.3	0.15	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U
98-06-6	tert-Butylbenzene	ND	6.6	0.18	U
95-49-8	o-Chlorotoluene	ND	6.6	0.21	U
106-43-4	p-Chlorotoluene	ND	6.6	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	0.52	U
87-68-3	Hexachlorobutadiene	ND	6.6	0.30	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.16	U
91-20-3	Naphthalene	ND	6.6	0.18	U
107-13-1	Acrylonitrile	ND	13	0.68	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.19	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	0.18	U
123-91-1	1,4-Dioxane	ND	130	19.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.2	0.21	U
622-96-8	p-Ethyltoluene	ND	5.2	0.16	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.2	0.17	U
60-29-7	Ethyl ether	ND	6.6	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.6	0.52	~~U~~ UJ

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-05	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A21	Instrument ID	: VOA110.I
Sample Amount	: 3.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	16	1.8	U
75-34-3	1,1-Dichloroethane	ND	2.4	0.14	U
67-66-3	Chloroform	ND	2.4	0.59	U
56-23-5	Carbon tetrachloride	ND	1.6	0.34	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	5.6	0.36	U
124-48-1	Dibromochloromethane	ND	1.6	0.25	U
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.49	U
127-18-4	Tetrachloroethene	ND	1.6	0.22	U
108-90-7	Chlorobenzene	ND	1.6	0.56	U
75-69-4	Trichlorofluoromethane	ND	8.0	0.62	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	1.6	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.18	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.6	0.28	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.19	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.19	U
542-75-6	1,3-Dichloropropene, Total	ND	1.6	0.19	U
563-58-6	1,1-Dichloropropene	ND	8.0	0.23	U
75-25-2	Bromoform	ND	6.4	0.38	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.16	U
71-43-2	Benzene	ND	1.6	0.19	U
108-88-3	Toluene	ND	2.4	0.31	U
100-41-4	Ethylbenzene	ND	1.6	0.20	U
74-87-3	Chloromethane	ND	8.0	0.47	U
74-83-9	Bromomethane	ND	3.2	0.54	U
75-01-4	Vinyl chloride	ND	3.2	0.19	U
75-00-3	Chloroethane	ND	3.2	0.51	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-05	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A21	Instrument ID	: VOA110.I
Sample Amount	: 3.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.4	0.34	U
79-01-6	Trichloroethene	ND	1.6	0.20	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	8.0	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	8.0	0.22	U
106-46-7	1,4-Dichlorobenzene	ND	8.0	0.22	U
1634-04-4	Methyl tert butyl ether	ND	3.2	0.14	U
179601-23-1	p/m-Xylene	ND	3.2	0.32	U
95-47-6	o-Xylene	ND	3.2	0.28	U
1330-20-7	Xylenes, Total	ND	3.2	0.28	U
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.23	U
540-59-0	1,2-Dichloroethene, Total	ND	1.6	0.23	U
74-95-3	Dibromomethane	ND	16	0.26	U
100-42-5	Styrene	ND	3.2	0.64	U
75-71-8	Dichlorodifluoromethane	ND	16	0.30	~~U~~ UJ
67-64-1	Acetone	ND	16	1.6	~~U~~ UJ
75-15-0	Carbon disulfide	ND	16	1.8	U
78-93-3	2-Butanone	ND	16	0.44	~~U~~ UJ
108-05-4	Vinyl acetate	ND	16	0.21	U
108-10-1	4-Methyl-2-pentanone	ND	16	0.39	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	16	0.26	U
591-78-6	2-Hexanone	ND	16	1.1	U
74-97-5	Bromochloromethane	ND	8.0	0.44	U
594-20-7	2,2-Dichloropropane	ND	8.0	0.36	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	6.4	0.28	U
142-28-9	1,3-Dichloropropane	ND	8.0	0.23	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.6	0.51	U
108-86-1	Bromobenzene	ND	8.0	0.33	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-05	Date Collected	: 10/02/15 09:50
Client ID	: SP-102-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 15:51
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A21	Instrument ID	: VOA110.I
Sample Amount	: 3.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.6	0.18	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.6	0.20	U
98-06-6	tert-Butylbenzene	ND	8.0	0.22	U
95-49-8	o-Chlorotoluene	ND	8.0	0.26	U
106-43-4	p-Chlorotoluene	ND	8.0	0.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	0.63	U
87-68-3	Hexachlorobutadiene	ND	8.0	0.36	U
98-82-8	Isopropylbenzene	ND	1.6	0.17	U
99-87-6	p-Isopropyltoluene	ND	1.6	0.20	U
91-20-3	Naphthalene	ND	8.0	0.22	U
107-13-1	Acrylonitrile	ND	16	0.82	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.6	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	8.0	0.24	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.0	0.29	U
108-67-8	1,3,5-Trimethylbenzene	ND	8.0	0.23	U
95-63-6	1,2,4-Trimethylbenzene	ND	8.0	0.23	U
123-91-1	1,4-Dioxane	ND	160	23.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	6.4	0.26	U
622-96-8	p-Ethyltoluene	ND	6.4	0.20	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	6.4	0.21	U
60-29-7	Ethyl ether	ND	8.0	0.42	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	8.0	0.63	~~U~~ UJ

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-06	Date Collected	: 10/02/15 09:30
Client ID	: SP-102-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A22	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	14	1.6	U
75-34-3	1,1-Dichloroethane	ND	2.2	0.12	U
67-66-3	Chloroform	ND	2.2	0.53	U
56-23-5	Carbon tetrachloride	ND	1.4	0.30	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	5.0	0.33	U
124-48-1	Dibromochloromethane	ND	1.4	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.44	U
127-18-4	Tetrachloroethene	ND	1.4	0.20	U
108-90-7	Chlorobenzene	ND	1.4	0.50	U
75-69-4	Trichlorofluoromethane	ND	7.2	0.56	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	U
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.16	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.4	0.25	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.17	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.17	U
542-75-6	1,3-Dichloropropene, Total	ND	1.4	0.17	U
563-58-6	1,1-Dichloropropene	ND	7.2	0.20	~~U~~ UJ
75-25-2	Bromoform	ND	5.8	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.14	U
71-43-2	Benzene	ND	1.4	0.17	U
108-88-3	Toluene	ND	2.2	0.28	U
100-41-4	Ethylbenzene	ND	1.4	0.18	U
74-87-3	Chloromethane	ND	7.2	0.42	U
74-83-9	Bromomethane	ND	2.9	0.48	U
75-01-4	Vinyl chloride	ND	2.9	0.17	U
75-00-3	Chloroethane	ND	2.9	0.45	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	1.4	0.38	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-06	Date Collected	: 10/02/15 09:30
Client ID	: SP-102-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A22	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.30	U
79-01-6	Trichloroethene	ND	1.4	0.18	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	7.2	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	7.2	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	7.2	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.9	0.12	U
179601-23-1	p/m-Xylene	ND	2.9	0.28	U
95-47-6	o-Xylene	ND	2.9	0.25	U
1330-20-7	Xylenes, Total	ND	2.9	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.20	U
74-95-3	Dibromomethane	ND	14	0.24	U
100-42-5	Styrene	ND	2.9	0.58	U
75-71-8	Dichlorodifluoromethane	ND	14	0.27	~~U~~ UJ
67-64-1	Acetone	ND	14	1.5	~~U~~ UJ
75-15-0	Carbon disulfide	ND	14	1.6	U
78-93-3	2-Butanone	ND	14	0.39	~~U~~ UJ
108-05-4	Vinyl acetate	ND	14	0.19	U
108-10-1	4-Methyl-2-pentanone	ND	14	0.35	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	14	0.23	U
591-78-6	2-Hexanone	ND	14	0.96	U
74-97-5	Bromochloromethane	ND	7.2	0.40	U
594-20-7	2,2-Dichloropropane	ND	7.2	0.32	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	5.8	0.25	U
142-28-9	1,3-Dichloropropane	ND	7.2	0.21	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.4	0.46	U
108-86-1	Bromobenzene	ND	7.2	0.30	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-06	Date Collected	: 10/02/15 09:30
Client ID	: SP-102-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A22	Instrument ID	: VOA110.I
Sample Amount	: 4.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.4	0.16	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.4	0.18	U
98-06-6	tert-Butylbenzene	ND	7.2	0.19	U
95-49-8	o-Chlorotoluene	ND	7.2	0.23	U
106-43-4	p-Chlorotoluene	ND	7.2	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	0.57	U
87-68-3	Hexachlorobutadiene	ND	7.2	0.33	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.18	U
91-20-3	Naphthalene	ND	7.2	0.20	U
107-13-1	Acrylonitrile	ND	14	0.74	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.4	0.16	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	0.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	0.20	U
123-91-1	1,4-Dioxane	ND	140	21.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.8	0.23	U
622-96-8	p-Ethyltoluene	ND	5.8	0.18	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.8	0.19	U
60-29-7	Ethyl ether	ND	7.2	0.37	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.2	0.56	~~U~~ UJ

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-08	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A23	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	14	1.6	U
75-34-3	1,1-Dichloroethane	ND	2.1	0.12	U
67-66-3	Chloroform	ND	2.1	0.52	U
56-23-5	Carbon tetrachloride	ND	1.4	0.30	U UJ
78-87-5	1,2-Dichloropropane	ND	4.9	0.32	U
124-48-1	Dibromochloromethane	ND	1.4	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.43	U
127-18-4	Tetrachloroethene	ND	1.4	0.20	U
108-90-7	Chlorobenzene	ND	1.4	0.49	U
75-69-4	Trichlorofluoromethane	ND	7.0	0.54	U UJ
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	U
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.16	U UJ
75-27-4	Bromodichloromethane	ND	1.4	0.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.17	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	1.4	0.16	U
563-58-6	1,1-Dichloropropene	ND	7.0	0.20	U UJ
75-25-2	Bromoform	ND	5.6	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.14	U
71-43-2	Benzene	ND	1.4	0.16	U
108-88-3	Toluene	ND	2.1	0.27	U
100-41-4	Ethylbenzene	ND	1.4	0.18	U
74-87-3	Chloromethane	ND	7.0	0.41	U
74-83-9	Bromomethane	ND	2.8	0.48	U
75-01-4	Vinyl chloride	ND	2.8	0.16	U
75-00-3	Chloroethane	ND	2.8	0.44	U UJ
75-35-4	1,1-Dichloroethene	ND	1.4	0.37	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-08	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A23	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.30	U
79-01-6	Trichloroethene	ND	1.4	0.18	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.12	U
179601-23-1	p/m-Xylene	ND	2.8	0.28	U
95-47-6	o-Xylene	ND	2.8	0.24	U
1330-20-7	Xylenes, Total	ND	2.8	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.20	U
74-95-3	Dibromomethane	ND	14	0.23	U
100-42-5	Styrene	ND	2.8	0.56	U
75-71-8	Dichlorodifluoromethane	ND	14	0.27	~~U~~ UJ
67-64-1	Acetone	ND	14	1.4	~~U~~ UJ
75-15-0	Carbon disulfide	ND	14	1.5	U
78-93-3	2-Butanone	ND	14	0.38	~~U~~ UJ
108-05-4	Vinyl acetate	ND	14	0.18	U
108-10-1	4-Methyl-2-pentanone	ND	14	0.34	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	14	0.23	U
591-78-6	2-Hexanone	ND	14	0.94	U
74-97-5	Bromochloromethane	ND	7.0	0.39	U
594-20-7	2,2-Dichloropropane	ND	7.0	0.32	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	5.6	0.24	U
142-28-9	1,3-Dichloropropane	ND	7.0	0.20	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.4	0.45	U
108-86-1	Bromobenzene	ND	7.0	0.29	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-08	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:43
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A23	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.4	0.16	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.4	0.17	U
98-06-6	tert-Butylbenzene	ND	7.0	0.19	U
95-49-8	o-Chlorotoluene	ND	7.0	0.22	U
106-43-4	p-Chlorotoluene	ND	7.0	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	0.56	U
87-68-3	Hexachlorobutadiene	ND	7.0	0.32	U
98-82-8	Isopropylbenzene	ND	1.4	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.18	U
91-20-3	Naphthalene	ND	7.0	0.19	U
107-13-1	Acrylonitrile	ND	14	0.72	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.4	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	0.20	U
123-91-1	1,4-Dioxane	ND	140	20.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.6	0.22	U
622-96-8	p-Ethyltoluene	ND	5.6	0.17	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.6	0.18	U
60-29-7	Ethyl ether	ND	7.0	0.36	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.0	0.55	~~U~~ UJ

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Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-09	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A26	Instrument ID	: VOA110.I
Sample Amount	: 3.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	19	2.0	U
75-34-3	1,1-Dichloroethane	ND	2.8	0.16	U
67-66-3	Chloroform	ND	2.8	0.69	U
56-23-5	Carbon tetrachloride	ND	1.9	0.39	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	6.5	0.42	U
124-48-1	Dibromochloromethane	ND	1.9	0.29	U
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.57	U
127-18-4	Tetrachloroethene	ND	1.9	0.26	U
108-90-7	Chlorobenzene	ND	1.9	0.65	U
75-69-4	Trichlorofluoromethane	ND	9.3	0.72	~~U~~ UJ
107-06-2	1,2-Dichloroethane	ND	1.9	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	~~U~~ UJ
75-27-4	Bromodichloromethane	ND	1.9	0.32	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.22	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.22	U
542-75-6	1,3-Dichloropropene, Total	ND	1.9	0.22	U
563-58-6	1,1-Dichloropropene	ND	9.3	0.26	~~U~~ UJ
75-25-2	Bromoform	ND	7.4	0.44	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.19	U
71-43-2	Benzene	ND	1.9	0.22	U
108-88-3	Toluene	ND	2.8	0.36	U
100-41-4	Ethylbenzene	ND	1.9	0.24	U
74-87-3	Chloromethane	ND	9.3	0.55	U
74-83-9	Bromomethane	ND	3.7	0.63	U
75-01-4	Vinyl chloride	ND	3.7	0.22	U
75-00-3	Chloroethane	ND	3.7	0.59	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	1.9	0.49	U

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Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-09	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A26	Instrument ID	: VOA110.I
Sample Amount	: 3.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.8	0.39	U
79-01-6	Trichloroethene	ND	1.9	0.23	~~U~~ UJ
95-50-1	1,2-Dichlorobenzene	ND	9.3	0.28	U
541-73-1	1,3-Dichlorobenzene	ND	9.3	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	9.3	0.26	U
1634-04-4	Methyl tert butyl ether	ND	3.7	0.16	U
179601-23-1	p/m-Xylene	ND	3.7	0.37	U
95-47-6	o-Xylene	ND	3.7	0.32	U
1330-20-7	Xylenes, Total	ND	3.7	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.26	U
540-59-0	1,2-Dichloroethene, Total	ND	1.9	0.26	U
74-95-3	Dibromomethane	ND	19	0.30	U
100-42-5	Styrene	ND	3.7	0.75	U
75-71-8	Dichlorodifluoromethane	ND	19	0.36	~~U~~ UJ
67-64-1	Acetone	ND	19	1.9	~~U~~ UJ
75-15-0	Carbon disulfide	ND	19	2.0	U
78-93-3	2-Butanone	ND	19	0.51	~~U~~ UJ
108-05-4	Vinyl acetate	ND	19	0.25	U
108-10-1	4-Methyl-2-pentanone	ND	19	0.45	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	19	0.30	U
591-78-6	2-Hexanone	ND	19	1.2	U
74-97-5	Bromochloromethane	ND	9.3	0.51	U
594-20-7	2,2-Dichloropropane	ND	9.3	0.42	~~U~~ UJ
106-93-4	1,2-Dibromoethane	ND	7.4	0.32	U
142-28-9	1,3-Dichloropropane	ND	9.3	0.27	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.9	0.59	U
108-86-1	Bromobenzene	ND	9.3	0.39	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-09	Date Collected	: 10/02/15 09:55
Client ID	: SP-103-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 18:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1009A26	Instrument ID	: VOA110.I
Sample Amount	: 3.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.9	0.21	~~U~~ UJ
135-98-8	sec-Butylbenzene	ND	1.9	0.23	U
98-06-6	tert-Butylbenzene	ND	9.3	0.25	U
95-49-8	o-Chlorotoluene	ND	9.3	0.30	U
106-43-4	p-Chlorotoluene	ND	9.3	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.3	0.74	U
87-68-3	Hexachlorobutadiene	ND	9.3	0.42	U
98-82-8	Isopropylbenzene	ND	1.9	0.19	U
99-87-6	p-Isopropyltoluene	ND	1.9	0.23	U
91-20-3	Naphthalene	ND	9.3	0.26	U
107-13-1	Acrylonitrile	ND	19	0.96	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.9	0.20	U
87-61-6	1,2,3-Trichlorobenzene	ND	9.3	0.27	U
120-82-1	1,2,4-Trichlorobenzene	ND	9.3	0.34	U
108-67-8	1,3,5-Trimethylbenzene	ND	9.3	0.27	U
95-63-6	1,2,4-Trimethylbenzene	ND	9.3	0.26	U
123-91-1	1,4-Dioxane	ND	190	27.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	7.4	0.30	U
622-96-8	p-Ethyltoluene	ND	7.4	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	7.4	0.24	U
60-29-7	Ethyl ether	ND	9.3	0.48	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	9.3	0.73	~~U~~ UJ

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-11	Date Collected	: 10/02/15 10:00
Client ID	: SP-104-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A12	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	18	2.0	U
75-34-3	1,1-Dichloroethane	ND	2.8	0.16	U
67-66-3	Chloroform	ND	2.8	0.68	U
56-23-5	Carbon tetrachloride	ND	1.8	0.38	U
78-87-5	1,2-Dichloropropane	ND	6.4	0.42	U
124-48-1	Dibromochloromethane	ND	1.8	0.28	U
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.56	U
127-18-4	Tetrachloroethene	ND	1.8	0.26	U
108-90-7	Chlorobenzene	ND	1.8	0.64	U
75-69-4	Trichlorofluoromethane	ND	9.2	0.71	U
107-06-2	1,2-Dichloroethane	ND	1.8	0.21	U
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.20	U
75-27-4	Bromodichloromethane	ND	1.8	0.32	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.22	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.22	U
542-75-6	1,3-Dichloropropene, Total	ND	1.8	0.22	U
563-58-6	1,1-Dichloropropene	ND	9.2	0.26	U
75-25-2	Bromoform	ND	7.3	0.43	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.18	U
71-43-2	Benzene	ND	1.8	0.22	U
108-88-3	Toluene	ND	2.8	0.36	U
100-41-4	Ethylbenzene	ND	1.8	0.23	U
74-87-3	Chloromethane	ND	9.2	0.54	U
74-83-9	Bromomethane	ND	3.7	0.62	U
75-01-4	Vinyl chloride	ND	3.7	0.22	U
75-00-3	Chloroethane	ND	3.7	0.58	U
75-35-4	1,1-Dichloroethene	ND	1.8	0.48	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-11	Date Collected	: 10/02/15 10:00
Client ID	: SP-104-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A12	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.8	0.39	U
79-01-6	Trichloroethene	ND	1.8	0.23	U
95-50-1	1,2-Dichlorobenzene	ND	9.2	0.28	U
541-73-1	1,3-Dichlorobenzene	ND	9.2	0.25	U
106-46-7	1,4-Dichlorobenzene	ND	9.2	0.25	U
1634-04-4	Methyl tert butyl ether	ND	3.7	0.15	U
179601-23-1	p/m-Xylene	ND	3.7	0.36	U
95-47-6	o-Xylene	ND	3.7	0.32	U
1330-20-7	Xylenes, Total	ND	3.7	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.26	U
540-59-0	1,2-Dichloroethene, Total	ND	1.8	0.26	U
74-95-3	Dibromomethane	ND	18	0.30	U
100-42-5	Styrene	ND	3.7	0.74	U
75-71-8	Dichlorodifluoromethane	ND	18	0.35	U
67-64-1	Acetone	ND	18	1.9	~~U~~ UJ
75-15-0	Carbon disulfide	ND	18	2.0	U
78-93-3	2-Butanone	ND	18	0.50	~~U~~ UJ
108-05-4	Vinyl acetate	ND	18	0.24	U
108-10-1	4-Methyl-2-pentanone	ND	18	0.45	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	18	0.30	U
591-78-6	2-Hexanone	ND	18	1.2	U
74-97-5	Bromochloromethane	ND	9.2	0.51	U
594-20-7	2,2-Dichloropropane	ND	9.2	0.41	U
106-93-4	1,2-Dibromoethane	ND	7.3	0.32	U
142-28-9	1,3-Dichloropropane	ND	9.2	0.27	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.58	U
108-86-1	Bromobenzene	ND	9.2	0.38	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-11	Date Collected	: 10/02/15 10:00
Client ID	: SP-104-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A12	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 80
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.8	0.21	U
135-98-8	sec-Butylbenzene	ND	1.8	0.22	U
98-06-6	tert-Butylbenzene	ND	9.2	0.25	U
95-49-8	o-Chlorotoluene	ND	9.2	0.29	U
106-43-4	p-Chlorotoluene	ND	9.2	0.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	9.2	0.73	U
87-68-3	Hexachlorobutadiene	ND	9.2	0.42	U
98-82-8	Isopropylbenzene	ND	1.8	0.19	U
99-87-6	p-Isopropyltoluene	ND	1.8	0.23	U
91-20-3	Naphthalene	ND	9.2	0.25	U
107-13-1	Acrylonitrile	ND	18	0.94	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.8	0.20	U
87-61-6	1,2,3-Trichlorobenzene	ND	9.2	0.27	U
120-82-1	1,2,4-Trichlorobenzene	ND	9.2	0.33	U
108-67-8	1,3,5-Trimethylbenzene	ND	9.2	0.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	9.2	0.26	U
123-91-1	1,4-Dioxane	ND	180	26.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	7.3	0.29	U
622-96-8	p-Ethyltoluene	ND	7.3	0.23	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	7.3	0.24	U
60-29-7	Ethyl ether	ND	9.2	0.48	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	9.2	0.72	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-12	Date Collected	: 10/02/15 10:15
Client ID	: SP-104-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A13	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.5	U
75-34-3	1,1-Dichloroethane	ND	2.0	0.11	U
67-66-3	Chloroform	ND	2.0	0.49	U
56-23-5	Carbon tetrachloride	ND	1.3	0.28	U
78-87-5	1,2-Dichloropropane	ND	4.6	0.30	U
124-48-1	Dibromochloromethane	ND	1.3	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	U
127-18-4	Tetrachloroethene	ND	1.3	0.19	U
108-90-7	Chlorobenzene	ND	1.3	0.46	U
75-69-4	Trichlorofluoromethane	ND	6.6	0.52	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.15	U
75-27-4	Bromodichloromethane	ND	1.3	0.23	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.16	U
563-58-6	1,1-Dichloropropene	ND	6.6	0.19	U
75-25-2	Bromoform	ND	5.3	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	U
71-43-2	Benzene	ND	1.3	0.16	U
108-88-3	Toluene	ND	2.0	0.26	U
100-41-4	Ethylbenzene	ND	1.3	0.17	U
74-87-3	Chloromethane	ND	6.6	0.39	U
74-83-9	Bromomethane	ND	2.6	0.45	U
75-01-4	Vinyl chloride	ND	2.6	0.16	U
75-00-3	Chloroethane	ND	2.6	0.42	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.35	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-12	Date Collected	: 10/02/15 10:15
Client ID	: SP-104-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A13	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	U
79-01-6	Trichloroethene	ND	1.3	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	6.6	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	6.6	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	6.6	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.11	U
179601-23-1	p/m-Xylene	ND	2.6	0.26	U
95-47-6	o-Xylene	ND	2.6	0.23	U
1330-20-7	Xylenes, Total	ND	2.6	0.23	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.19	U
74-95-3	Dibromomethane	ND	13	0.22	U
100-42-5	Styrene	ND	2.6	0.53	U
75-71-8	Dichlorodifluoromethane	ND	13	0.25	U
67-64-1	Acetone	ND	13	1.4	~~U~~ UJ
75-15-0	Carbon disulfide	ND	13	1.5	U
78-93-3	2-Butanone	ND	13	0.36	~~U~~ UJ
108-05-4	Vinyl acetate	ND	13	0.18	U
108-10-1	4-Methyl-2-pentanone	ND	13	0.32	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	13	0.22	U
591-78-6	2-Hexanone	ND	13	0.88	U
74-97-5	Bromochloromethane	ND	6.6	0.37	U
594-20-7	2,2-Dichloropropane	ND	6.6	0.30	U
106-93-4	1,2-Dibromoethane	ND	5.3	0.23	U
142-28-9	1,3-Dichloropropane	ND	6.6	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.42	U
108-86-1	Bromobenzene	ND	6.6	0.28	U

LaM 4/18/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-12	Date Collected	: 10/02/15 10:15
Client ID	: SP-104-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 15:49
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A13	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.3	0.15	U
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U
98-06-6	tert-Butylbenzene	ND	6.6	0.18	U
95-49-8	o-Chlorotoluene	ND	6.6	0.21	U
106-43-4	p-Chlorotoluene	ND	6.6	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	0.53	U
87-68-3	Hexachlorobutadiene	ND	6.6	0.30	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.17	U
91-20-3	Naphthalene	ND	6.6	0.18	U
107-13-1	Acrylonitrile	ND	13	0.68	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	0.20	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	0.19	U
123-91-1	1,4-Dioxane	ND	130	19.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.3	0.21	U
622-96-8	p-Ethyltoluene	ND	5.3	0.16	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.3	0.17	U
60-29-7	Ethyl ether	ND	6.6	0.34	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.6	0.52	U

10/15/15

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-13	Date Collected	: 10/02/15 10:20
Client ID	: SP-104-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A14	Instrument ID .	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	16	1.7	U
75-34-3	1,1-Dichloroethane	ND	2.3	0.13	U
67-66-3	Chloroform	ND	2.3	0.57	U
56-23-5	Carbon tetrachloride	ND	1.6	0.33	U
78-87-5	1,2-Dichloropropane	ND	5.4	0.35	U
124-48-1	Dibromochloromethane	ND	1.6	0.24	U
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.47	U
127-18-4	Tetrachloroethene	ND	1.6	0.22	U
108-90-7	Chlorobenzene	ND	1.6	0.54	U
75-69-4	Trichlorofluoromethane	ND	7.8	0.60	U
107-06-2	1,2-Dichloroethane	ND	1.6	0.18	U
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.17	U
75-27-4	Bromodichloromethane	ND	1.6	0.27	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.19	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	1.6	0.18	U
563-58-6	1,1-Dichloropropene	ND	7.8	0.22	U
75-25-2	Bromoform	ND	6.2	0.37	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.16	U
71-43-2	Benzene	ND	1.6	0.18	U
108-88-3	Toluene	ND	2.3	0.30	U
100-41-4	Ethylbenzene	ND	1.6	0.20	U
74-87-3	Chloromethane	ND	7.8	0.46	U
74-83-9	Bromomethane	ND	3.1	0.52	U
75-01-4	Vinyl chloride	ND	3.1	0.18	U
75-00-3	Chloroethane	ND	3.1	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.6	0.41	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-13	Date Collected	: 10/02/15 10:20
Client ID	: SP-104-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A14	Instrument ID	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.33	U
79-01-6	Trichloroethene	ND	1.6	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	7.8	0.24	U
541-73-1	1,3-Dichlorobenzene	ND	7.8	0.21	U
106-46-7	1,4-Dichlorobenzene	ND	7.8	0.22	U
1634-04-4	Methyl tert butyl ether	ND	3.1	0.13	U
179601-23-1	p/m-Xylene	ND	3.1	0.31	U
95-47-6	o-Xylene	ND	3.1	0.27	U
1330-20-7	Xylenes, Total	ND	3.1	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.22	U
540-59-0	1,2-Dichloroethene, Total	ND	1.6	0.22	U
74-95-3	Dibromomethane	ND	16	0.25	U
100-42-5	Styrene	ND	3.1	0.62	U
75-71-8	Dichlorodifluoromethane	ND	16	0.30	U
67-64-1	Acetone	ND	16	1.6	~~U~~ UJ
75-15-0	Carbon disulfide	ND	16	1.7	U
78-93-3	2-Butanone	ND	16	0.42	~~U~~ UJ
108-05-4	Vinyl acetate	ND	16	0.20	U
108-10-1	4-Methyl-2-pentanone	ND	16	0.38	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	16	0.25	U
591-78-6	2-Hexanone	ND	16	1.0	U
74-97-5	Bromochloromethane	ND	7.8	0.43	U
594-20-7	2,2-Dichloropropane	ND	7.8	0.35	U
106-93-4	1,2-Dibromoethane	ND	6.2	0.27	U
142-28-9	1,3-Dichloropropane	ND	7.8	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.6	0.49	U
108-86-1	Bromobenzene	ND	7.8	0.32	U

4/15/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-13	Date Collected	: 10/02/15 10:20
Client ID	: SP-104-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A14	Instrument ID	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.6	0.18	U
135-98-8	sec-Butylbenzene	ND	1.6	0.19	U
98-06-6	tert-Butylbenzene	ND	7.8	0.21	U
95-49-8	o-Chlorotoluene	ND	7.8	0.25	U
106-43-4	p-Chlorotoluene	ND	7.8	0.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	0.62	U
87-68-3	Hexachlorobutadiene	ND	7.8	0.35	U
98-82-8	Isopropylbenzene	ND	1.6	0.16	U
99-87-6	p-Isopropyltoluene	ND	1.6	0.19	U
91-20-3	Naphthalene	ND	7.8	0.22	U
107-13-1	Acrylonitrile	ND	16	0.80	U UJ
103-65-1	n-Propylbenzene	ND	1.6	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	0.23	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	0.28	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.8	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.8	0.22	U
123-91-1	1,4-Dioxane	ND	160	22.	U R
105-05-5	p-Diethylbenzene	ND	6.2	0.25	U
622-96-8	p-Ethyltoluene	ND	6.2	0.19	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	6.2	0.20	U
60-29-7	Ethyl ether	ND	7.8	0.40	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.8	0.61	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-15	Date Collected	: 10/02/15 10:25
Client ID	: SP-105-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A15	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.4	U
75-34-3	1,1-Dichloroethane	ND	1.9	0.11	U
67-66-3	Chloroform	ND	1.9	0.48	U
56-23-5	Carbon tetrachloride	ND	1.3	0.27	U
78-87-5	1,2-Dichloropropane	ND	4.5	0.29	U
124-48-1	Dibromochloromethane	ND	1.3	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.39	U
127-18-4	Tetrachloroethene	ND	1.3	0.18	U
108-90-7	Chlorobenzene	ND	1.3	0.45	U
75-69-4	Trichlorofluoromethane	ND	6.4	0.50	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.14	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.14	U
75-27-4	Bromodichloromethane	ND	1.3	0.22	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.15	U
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.15	U
563-58-6	1,1-Dichloropropene	ND	6.4	0.18	U
75-25-2	Bromoform	ND	5.1	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	U
71-43-2	Benzene	ND	1.3	0.15	U
108-88-3	Toluene	ND	1.9	0.25	U
100-41-4	Ethylbenzene	ND	1.3	0.16	U
74-87-3	Chloromethane	ND	6.4	0.38	U
74-83-9	Bromomethane	ND	2.6	0.43	U
75-01-4	Vinyl chloride	ND	2.6	0.15	U
75-00-3	Chloroethane	ND	2.6	0.40	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.34	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-15	Date Collected	: 10/02/15 10:25
Client ID	: SP-105-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A15	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.27	U
79-01-6	Trichloroethene	ND	1.3	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	6.4	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	6.4	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	6.4	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.11	U
179601-23-1	p/m-Xylene	ND	2.6	0.25	U
95-47-6	o-Xylene	ND	2.6	0.22	U
1330-20-7	Xylenes, Total	ND	2.6	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.18	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.18	U
74-95-3	Dibromomethane	ND	13	0.21	U
100-42-5	Styrene	ND	2.6	0.52	U
75-71-8	Dichlorodifluoromethane	ND	13	0.24	U
67-64-1	Acetone	ND	13	1.3	~~U~~ UJ
75-15-0	Carbon disulfide	ND	13	1.4	U
78-93-3	2-Butanone	ND	13	0.35	~~U~~ UJ
108-05-4	Vinyl acetate	ND	13	0.17	U
108-10-1	4-Methyl-2-pentanone	ND	13	0.31	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	13	0.21	U
591-78-6	2-Hexanone	ND	13	0.86	U
74-97-5	Bromochloromethane	ND	6.4	0.35	U
594-20-7	2,2-Dichloropropane	ND	6.4	0.29	U
106-93-4	1,2-Dibromoethane	ND	5.1	0.22	U
142-28-9	1,3-Dichloropropane	ND	6.4	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.41	U
108-86-1	Bromobenzene	ND	6.4	0.27	U

LO 4/12/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-15	Date Collected	: 10/02/15 10:25
Client ID	: SP-105-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 16:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A15	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.3	0.15	U
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U
98-06-6	tert-Butylbenzene	ND	6.4	0.17	U
95-49-8	o-Chlorotoluene	ND	6.4	0.20	U
106-43-4	p-Chlorotoluene	ND	6.4	0.17	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.4	0.51	U
87-68-3	Hexachlorobutadiene	ND	6.4	0.29	U
98-82-8	Isopropylbenzene	ND	1.3	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.16	U
91-20-3	Naphthalene	ND	6.4	0.18	U
107-13-1	Acrylonitrile	ND	13	0.66	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	0.19	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	0.23	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.4	0.18	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.4	0.18	U
123-91-1	1,4-Dioxane	ND	130	18.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.1	0.20	U
622-96-8	p-Ethyltoluene	ND	5.1	0.16	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.1	0.17	U
60-29-7	Ethyl ether	ND	6.4	0.33	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.4	0.50	U

4/15/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-16	Date Collected	: 10/02/15 10:30
Client ID	: SP-105-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 17:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A16	Instrument ID	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	15	1.7	U
75-34-3	1,1-Dichloroethane	ND	2.3	0.13	U
67-66-3	Chloroform	ND	2.3	0.56	U
56-23-5	Carbon tetrachloride	ND	1.5	0.32	U
78-87-5	1,2-Dichloropropane	ND	5.3	0.35	U
124-48-1	Dibromochloromethane	ND	1.5	0.23	U
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.46	U
127-18-4	Tetrachloroethene	ND	1.5	0.21	U
108-90-7	Chlorobenzene	ND	1.5	0.53	U
75-69-4	Trichlorofluoromethane	ND	7.6	0.59	U
107-06-2	1,2-Dichloroethane	ND	1.5	0.17	U
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.17	U
75-27-4	Bromodichloromethane	ND	1.5	0.26	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.18	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.18	U
542-75-6	1,3-Dichloropropene, Total	ND	1.5	0.18	U
563-58-6	1,1-Dichloropropene	ND	7.6	0.22	U
75-25-2	Bromoform	ND	6.1	0.36	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.15	U
71-43-2	Benzene	ND	1.5	0.18	U
108-88-3	Toluene	ND	2.3	0.30	U
100-41-4	Ethylbenzene	ND	1.5	0.19	U
74-87-3	Chloromethane	ND	7.6	0.45	U
74-83-9	Bromomethane	ND	3.0	0.51	U
75-01-4	Vinyl chloride	ND	3.0	0.18	U
75-00-3	Chloroethane	ND	3.0	0.48	U
75-35-4	1,1-Dichloroethene	ND	1.5	0.40	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-16	Date Collected	: 10/02/15 10:30
Client ID	: SP-105-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 17:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A16	Instrument ID	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.32	U
79-01-6	Trichloroethene	ND	1.5	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	7.6	0.23	U
541-73-1	1,3-Dichlorobenzene	ND	7.6	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	7.6	0.21	U
1634-04-4	Methyl tert butyl ether	ND	3.0	0.13	U
179601-23-1	p/m-Xylene	ND	3.0	0.30	U
95-47-6	o-Xylene	ND	3.0	0.26	U
1330-20-7	Xylenes, Total	ND	3.0	0.26	U
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.22	U
540-59-0	1,2-Dichloroethene, Total	ND	1.5	0.22	U
74-95-3	Dibromomethane	ND	15	0.25	U
100-42-5	Styrene	ND	3.0	0.61	U
75-71-8	Dichlorodifluoromethane	ND	15	0.29	U
67-64-1	Acetone	ND	15	1.6	~~U~~ UJ
75-15-0	Carbon disulfide	ND	15	1.7	U
78-93-3	2-Butanone	ND	15	0.41	~~U~~ UJ
108-05-4	Vinyl acetate	ND	15	0.20	U
108-10-1	4-Methyl-2-pentanone	ND	15	0.37	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	15	0.25	U
591-78-6	2-Hexanone	ND	15	1.0	U
74-97-5	Bromochloromethane	ND	7.6	0.42	U
594-20-7	2,2-Dichloropropane	ND	7.6	0.34	U
106-93-4	1,2-Dibromoethane	ND	6.1	0.26	U
142-28-9	1,3-Dichloropropane	ND	7.6	0.22	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.5	0.48	U
108-86-1	Bromobenzene	ND	7.6	0.32	U

JO 10/13/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-16	Date Collected	: 10/02/15 10:30
Client ID	: SP-105-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 17:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A16	Instrument ID	: VOA110.I
Sample Amount	: 3.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.5	0.17	U
135-98-8	sec-Butylbenzene	ND	1.5	0.18	U
98-06-6	tert-Butylbenzene	ND	7.6	0.21	U
95-49-8	o-Chlorotoluene	ND	7.6	0.24	U
106-43-4	p-Chlorotoluene	ND	7.6	0.20	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.6	0.60	U
87-68-3	Hexachlorobutadiene	ND	7.6	0.35	U
98-82-8	Isopropylbenzene	ND	1.5	0.16	U
99-87-6	p-Isopropyltoluene	ND	1.5	0.19	U
91-20-3	Naphthalene	ND	7.6	0.21	U
107-13-1	Acrylonitrile	ND	15	0.78	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.5	0.17	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.6	0.22	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.6	0.28	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.6	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.6	0.22	U
123-91-1	1,4-Dioxane	ND	150	22.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	6.1	0.24	U
622-96-8	p-Ethyltoluene	ND	6.1	0.19	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	6.1	0.20	U
60-29-7	Ethyl ether	ND	7.6	0.40	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.6	0.60	U

for 4/11/16.

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (SP-105-A-G Dup 06)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/11/15 11:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1011A09	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	1.2	U
75-34-3	1,1-Dichloroethane	ND	1.6	0.09	U
67-66-3	Chloroform	ND	1.6	0.39	U
56-23-5	Carbon tetrachloride	ND	1.0	0.22	~~U~~ UJ
78-87-5	1,2-Dichloropropane	ND	3.7	0.24	U
124-48-1	Dibromochloromethane	ND	1.0	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.32	U
127-18-4	Tetrachloroethene	ND	1.0	0.15	U
108-90-7	Chlorobenzene	ND	1.0	0.37	U
75-69-4	Trichlorofluoromethane	ND	5.3	0.41	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.12	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.12	U
75-27-4	Bromodichloromethane	ND	1.0	0.18	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.13	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.12	U
542-75-6	1,3-Dichloropropene, Total	ND	1.0	0.12	U
563-58-6	1,1-Dichloropropene	ND	5.3	0.15	U
75-25-2	Bromoform	ND	4.2	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.11	U
71-43-2	Benzene	ND	1.0	0.12	U
108-88-3	Toluene	ND	1.6	0.20	U
100-41-4	Ethylbenzene	ND	1.0	0.13	U
74-87-3	Chloromethane	ND	5.3	0.31	U
74-83-9	Bromomethane	ND	2.1	0.36	U
75-01-4	Vinyl chloride	ND	2.1	0.12	U
75-00-3	Chloroethane	ND	2.1	0.33	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.28	U

3/31/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (COVER SP10S-A-G)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/11/15 11:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1011A09	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.22	U
79-01-6	Trichloroethene	ND	1.0	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.15	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.09	U
179601-23-1	p/m-Xylene	ND	2.1	0.21	U
95-47-6	o-Xylene	ND	2.1	0.18	U
1330-20-7	Xylenes, Total	ND	2.1	0.18	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.15	U
540-59-0	1,2-Dichloroethene, Total	ND	1.0	0.15	U
74-95-3	Dibromomethane	ND	10	0.17	U
100-42-5	Styrene	ND	2.1	0.42	U
75-71-8	Dichlorodifluoromethane	ND	10	0.20	U
67-64-1	Acetone	ND	10	1.1	~~U~~ UJ
75-15-0	Carbon disulfide	ND	10	1.2	U
78-93-3	2-Butanone	ND	10	0.29	~~U~~ UJ
108-05-4	Vinyl acetate	ND	10	0.14	U
108-10-1	4-Methyl-2-pentanone	ND	10	0.26	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	10	0.17	U
591-78-6	2-Hexanone	ND	10	0.70	U
74-97-5	Bromochloromethane	ND	5.3	0.29	U
594-20-7	2,2-Dichloropropane	ND	5.3	0.24	U
106-93-4	1,2-Dibromoethane	ND	4.2	0.18	U
142-28-9	1,3-Dichloropropane	ND	5.3	0.15	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.34	U
108-86-1	Bromobenzene	ND	5.3	0.22	U

3/21/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP of SP-105-A-6)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/11/15 11:34
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: BN
Lab File ID	: 1011A09	Instrument ID	: VOA111.I
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 89
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.0	0.12	U
135-98-8	sec-Butylbenzene	ND	1.0	0.13	U
98-06-6	tert-Butylbenzene	ND	5.3	0.14	U
95-49-8	o-Chlorotoluene	ND	5.3	0.17	U
106-43-4	p-Chlorotoluene	ND	5.3	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	0.42	U
87-68-3	Hexachlorobutadiene	ND	5.3	0.24	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.13	U
91-20-3	Naphthalene	ND	5.3	0.15	U
107-13-1	Acrylonitrile	ND	10	0.54	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.0	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	0.16	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.19	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	0.15	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	0.15	U
123-91-1	1,4-Dioxane	ND	100	15.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	4.2	0.17	U
622-96-8	p-Ethyltoluene	ND	4.2	0.13	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.2	0.14	U
60-29-7	Ethyl ether	ND	5.3	0.27	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.3	0.41	U

3/31/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-19	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A18	Instrument ID	: VOA110.I
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	11	1.3	U
75-34-3	1,1-Dichloroethane	ND	1.7	0.10	U
67-66-3	Chloroform	ND	1.7	0.42	U
56-23-5	Carbon tetrachloride	ND	1.1	0.24	U
78-87-5	1,2-Dichloropropane	ND	4.0	0.26	U
124-48-1	Dibromochloromethane	ND	1.1	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.35	U
127-18-4	Tetrachloroethene	ND	1.1	0.16	U
108-90-7	Chlorobenzene	ND	1.1	0.40	U
75-69-4	Trichlorofluoromethane	ND	5.7	0.44	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	1.1	0.13	U
75-27-4	Bromodichloromethane	ND	1.1	0.20	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.14	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.1	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	1.1	0.14	U
563-58-6	1,1-Dichloropropene	ND	5.7	0.16	U
75-25-2	Bromoform	ND	4.6	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.1	0.12	U
71-43-2	Benzene	ND	1.1	0.14	U
108-88-3	Toluene	ND	1.7	0.22	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	5.7	0.34	U
74-83-9	Bromomethane	ND	2.3	0.39	U
75-01-4	Vinyl chloride	ND	2.3	0.13	U
75-00-3	Chloroethane	ND	2.3	0.36	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.30	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-19	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A18	Instrument ID	: VOA110.I
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.24	U
79-01-6	Trichloroethene	ND	1.1	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	5.7	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	5.7	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	5.7	0.16	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.10	U
179601-23-1	p/m-Xylene	ND	2.3	0.23	U
95-47-6	o-Xylene	ND	2.3	0.20	U
1330-20-7	Xylenes, Total	ND	2.3	0.20	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.16	U
540-59-0	1,2-Dichloroethene, Total	ND	1.1	0.16	U
74-95-3	Dibromomethane	ND	11	0.19	U
100-42-5	Styrene	ND	2.3	0.46	U
75-71-8	Dichlorodifluoromethane	ND	11	0.22	U
67-64-1	Acetone	ND	11	1.2	~~U~~ UJ
75-15-0	Carbon disulfide	ND	11	1.3	U
78-93-3	2-Butanone	ND	11	0.31	~~U~~ UJ
108-05-4	Vinyl acetate	ND	11	0.15	U
108-10-1	4-Methyl-2-pentanone	ND	11	0.28	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	11	0.19	U
591-78-6	2-Hexanone	ND	11	0.76	U
74-97-5	Bromochloromethane	ND	5.7	0.32	U
594-20-7	2,2-Dichloropropane	ND	5.7	0.26	U
106-93-4	1,2-Dibromoethane	ND	4.6	0.20	U
142-28-9	1,3-Dichloropropane	ND	5.7	0.17	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.1	0.36	U
108-86-1	Bromobenzene	ND	5.7	0.24	U

ALPHA ANALYTICAL

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-19	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:00
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A18	Instrument ID	: VOA110.I
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.1	0.13	U
135-98-8	sec-Butylbenzene	ND	1.1	0.14	U
98-06-6	tert-Butylbenzene	ND	5.7	0.16	U
95-49-8	o-Chlorotoluene	ND	5.7	0.18	U
106-43-4	p-Chlorotoluene	ND	5.7	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	0.45	U
87-68-3	Hexachlorobutadiene	ND	5.7	0.26	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.14	U
91-20-3	Naphthalene	ND	5.7	0.16	U
107-13-1	Acrylonitrile	ND	11	0.59	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.1	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	0.17	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	0.21	U
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	0.16	U
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	0.16	U
123-91-1	1,4-Dioxane	ND	110	16.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	4.6	0.18	U
622-96-8	p-Ethyltoluene	ND	4.6	0.14	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	4.6	0.15	U
60-29-7	Ethyl ether	ND	5.7	0.30	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	5.7	0.45	U

JJP 4/15/16.

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-20	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A19	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	17	1.9	U
75-34-3	1,1-Dichloroethane	ND	2.6	0.15	U
67-66-3	Chloroform	ND	2.6	0.63	U
56-23-5	Carbon tetrachloride	ND	1.7	0.36	U
78-87-5	1,2-Dichloropropane	ND	6.0	0.39	U
124-48-1	Dibromochloromethane	ND	1.7	0.26	U
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.52	U
127-18-4	Tetrachloroethene	ND	1.7	0.24	U
108-90-7	Chlorobenzene	ND	1.7	0.60	U
75-69-4	Trichlorofluoromethane	ND	8.5	0.66	U
107-06-2	1,2-Dichloroethane	ND	1.7	0.19	U
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.19	U
75-27-4	Bromodichloromethane	ND	1.7	0.30	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.20	U
542-75-6	1,3-Dichloropropene, Total	ND	1.7	0.20	U
563-58-6	1,1-Dichloropropene	ND	8.5	0.24	U
75-25-2	Bromoform	ND	6.8	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.17	U
71-43-2	Benzene	ND	1.7	0.20	U
108-88-3	Toluene	ND	2.6	0.33	U
100-41-4	Ethylbenzene	ND	1.7	0.22	U
74-87-3	Chloromethane	ND	8.5	0.50	U
74-83-9	Bromomethane	ND	3.4	0.58	U
75-01-4	Vinyl chloride	ND	3.4	0.20	U
75-00-3	Chloroethane	ND	3.4	0.54	U
75-35-4	1,1-Dichloroethene	ND	1.7	0.45	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-20	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A19	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.6	0.36	U
79-01-6	Trichloroethene	ND	1.7	0.21	U
95-50-1	1,2-Dichlorobenzene	ND	8.5	0.26	U
541-73-1	1,3-Dichlorobenzene	ND	8.5	0.23	U
106-46-7	1,4-Dichlorobenzene	ND	8.5	0.24	U
1634-04-4	Methyl tert butyl ether	ND	3.4	0.14	U
179601-23-1	p/m-Xylene	ND	3.4	0.34	U
95-47-6	o-Xylene	ND	3.4	0.29	U
1330-20-7	Xylenes, Total	ND	3.4	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.24	U
540-59-0	1,2-Dichloroethene, Total	ND	1.7	0.24	U
74-95-3	Dibromomethane	ND	17	0.28	U
100-42-5	Styrene	ND	3.4	0.69	U
75-71-8	Dichlorodifluoromethane	ND	17	0.33	U
67-64-1	Acetone	ND	17	1.8	~~U~~ UJ
75-15-0	Carbon disulfide	ND	17	1.9	U
78-93-3	2-Butanone	ND	17	0.46	~~U~~ UJ
108-05-4	Vinyl acetate	ND	17	0.23	U
108-10-1	4-Methyl-2-pentanone	ND	17	0.42	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	17	0.28	U
591-78-6	2-Hexanone	ND	17	1.1	U
74-97-5	Bromochloromethane	ND	8.5	0.47	U
594-20-7	2,2-Dichloropropane	ND	8.5	0.39	U
106-93-4	1,2-Dibromoethane	ND	6.8	0.30	U
142-28-9	1,3-Dichloropropane	ND	8.5	0.25	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.7	0.54	U
108-86-1	Bromobenzene	ND	8.5	0.36	U

ALPHA ANALYTICAL

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-20	Date Collected	: 10/02/15 10:15
Client ID	: SP-106-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A19	Instrument ID	: VOA110.I
Sample Amount	: 3.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.7	0.20	U
135-98-8	sec-Butylbenzene	ND	1.7	0.21	U
98-06-6	tert-Butylbenzene	ND	8.5	0.23	U
95-49-8	o-Chlorotoluene	ND	8.5	0.27	U
106-43-4	p-Chlorotoluene	ND	8.5	0.23	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.5	0.68	U
87-68-3	Hexachlorobutadiene	ND	8.5	0.39	U
98-82-8	Isopropylbenzene	ND	1.7	0.18	U
99-87-6	p-Isopropyltoluene	ND	1.7	0.21	U
91-20-3	Naphthalene	ND	8.5	0.24	U
107-13-1	Acrylonitrile	ND	17	0.88	U UJ
103-65-1	n-Propylbenzene	ND	1.7	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	8.5	0.25	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.5	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	8.5	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	8.5	0.24	U
123-91-1	1,4-Dioxane	ND	170	25.	U R
105-05-5	p-Diethylbenzene	ND	6.8	0.27	U
622-96-8	p-Ethyltoluene	ND	6.8	0.21	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	6.8	0.22	U
60-29-7	Ethyl ether	ND	8.5	0.44	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	8.5	0.67	U

10-Oct-2016

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-21	Date Collected	: 10/02/15 09:45
Client ID	: SP-106-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A20	Instrument ID	: VOA110.I
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	18	2.0	U
75-34-3	1,1-Dichloroethane	ND	2.6	0.15	U
67-66-3	Chloroform	ND	2.6	0.66	U
56-23-5	Carbon tetrachloride	ND	1.8	0.37	U
78-87-5	1,2-Dichloropropane	ND	6.2	0.40	U
124-48-1	Dibromochloromethane	ND	1.8	0.27	U
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.54	U
127-18-4	Tetrachloroethene	ND	1.8	0.25	U
108-90-7	Chlorobenzene	ND	1.8	0.62	U
75-69-4	Trichlorofluoromethane	ND	8.9	0.69	U
107-06-2	1,2-Dichloroethane	ND	1.8	0.20	U
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.20	U
75-27-4	Bromodichloromethane	ND	1.8	0.31	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.21	U
542-75-6	1,3-Dichloropropene, Total	ND	1.8	0.21	U
563-58-6	1,1-Dichloropropene	ND	8.9	0.25	U
75-25-2	Bromoform	ND	7.1	0.42	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.18	U
71-43-2	Benzene	ND	1.8	0.21	U
108-88-3	Toluene	ND	2.6	0.34	U
100-41-4	Ethylbenzene	ND	1.8	0.22	U
74-87-3	Chloromethane	ND	8.9	0.52	U
74-83-9	Bromomethane	ND	3.5	0.60	U
75-01-4	Vinyl chloride	ND	3.5	0.21	U
75-00-3	Chloroethane	ND	3.5	0.56	U
75-35-4	1,1-Dichloroethene	ND	1.8	0.46	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-21	Date Collected	: 10/02/15 09:45
Client ID	: SP-106-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A20	Instrument ID	: VOA110.I
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.6	0.38	U
79-01-6	Trichloroethene	ND	1.8	0.22	U
95-50-1	1,2-Dichlorobenzene	ND	8.9	0.27	U
541-73-1	1,3-Dichlorobenzene	ND	8.9	0.24	U
106-46-7	1,4-Dichlorobenzene	ND	8.9	0.24	U
1634-04-4	Methyl tert butyl ether	ND	3.5	0.15	U
179601-23-1	p/m-Xylene	ND	3.5	0.35	U
95-47-6	o-Xylene	ND	3.5	0.30	U
1330-20-7	Xylenes, Total	ND	3.5	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.25	U
540-59-0	1,2-Dichloroethene, Total	ND	1.8	0.25	U
74-95-3	Dibromomethane	ND	18	0.29	U
100-42-5	Styrene	ND	3.5	0.71	U
75-71-8	Dichlorodifluoromethane	ND	18	0.34	U
67-64-1	Acetone	ND	18	1.8	~~U~~ UJ
75-15-0	Carbon disulfide	ND	18	2.0	U
78-93-3	2-Butanone	ND	18	0.48	~~U~~ UJ
108-05-4	Vinyl acetate	ND	18	0.23	U
108-10-1	4-Methyl-2-pentanone	ND	18	0.43	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	18	0.29	U
591-78-6	2-Hexanone	ND	18	1.2	U
74-97-5	Bromochloromethane	ND	8.9	0.49	U
594-20-7	2,2-Dichloropropane	ND	8.9	0.40	U
106-93-4	1,2-Dibromoethane	ND	7.1	0.31	U
142-28-9	1,3-Dichloropropane	ND	8.9	0.26	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.8	0.56	U
108-86-1	Bromobenzene	ND	8.9	0.37	U

4/15/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-21	Date Collected	: 10/02/15 09:45
Client ID	: SP-106-C-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 18:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A20	Instrument ID	: VOA110.I
Sample Amount	: 3.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.8	0.20	U
135-98-8	sec-Butylbenzene	ND	1.8	0.22	U
98-06-6	tert-Butylbenzene	ND	8.9	0.24	U
95-49-8	o-Chlorotoluene	ND	8.9	0.28	U
106-43-4	p-Chlorotoluene	ND	8.9	0.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.9	0.70	U
87-68-3	Hexachlorobutadiene	ND	8.9	0.40	U
98-82-8	Isopropylbenzene	ND	1.8	0.18	U
99-87-6	p-Isopropyltoluene	ND	1.8	0.22	U
91-20-3	Naphthalene	ND	8.9	0.24	U
107-13-1	Acrylonitrile	ND	18	0.91	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.8	0.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	8.9	0.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	8.9	0.32	U
108-67-8	1,3,5-Trimethylbenzene	ND	8.9	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	8.9	0.25	U
123-91-1	1,4-Dioxane	ND	180	26.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	7.1	0.28	U
622-96-8	p-Ethyltoluene	ND	7.1	0.22	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	7.1	0.23	U
60-29-7	Ethyl ether	ND	8.9	0.46	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	8.9	0.69	U

10/15/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-23	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A21	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	14	1.6	U
75-34-3	1,1-Dichloroethane	ND	2.1	0.12	U
67-66-3	Chloroform	ND	2.1	0.52	U
56-23-5	Carbon tetrachloride	ND	1.4	0.30	U
78-87-5	1,2-Dichloropropane	ND	4.9	0.32	U
124-48-1	Dibromochloromethane	ND	1.4	0.22	U
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.43	U
127-18-4	Tetrachloroethene	ND	1.4	0.20	U
108-90-7	Chlorobenzene	ND	1.4	0.49	U
75-69-4	Trichlorofluoromethane	ND	7.0	0.55	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.16	U
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.16	U
75-27-4	Bromodichloromethane	ND	1.4	0.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.17	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	1.4	0.16	U
563-58-6	1,1-Dichloropropene	ND	7.0	0.20	U
75-25-2	Bromoform	ND	5.6	0.33	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.14	U
71-43-2	Benzene	ND	1.4	0.17	U
108-88-3	Toluene	ND	2.1	0.27	U
100-41-4	Ethylbenzene	ND	1.4	0.18	U
74-87-3	Chloromethane	ND	7.0	0.41	U
74-83-9	Bromomethane	ND	2.8	0.48	U
75-01-4	Vinyl chloride	ND	2.8	0.16	U
75-00-3	Chloroethane	ND	2.8	0.44	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.37	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-23	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A21	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.30	U
79-01-6	Trichloroethene	ND	1.4	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	7.0	0.22	U
541-73-1	1,3-Dichlorobenzene	ND	7.0	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	7.0	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.12	U
179601-23-1	p/m-Xylene	ND	2.8	0.28	U
95-47-6	o-Xylene	ND	2.8	0.24	U
1330-20-7	Xylenes, Total	ND	2.8	0.24	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.20	U
540-59-0	1,2-Dichloroethene, Total	ND	1.4	0.20	U
74-95-3	Dibromomethane	ND	14	0.23	U
100-42-5	Styrene	ND	2.8	0.57	U
75-71-8	Dichlorodifluoromethane	ND	14	0.27	U
67-64-1	Acetone	ND	14	1.4	~~U~~ UJ
75-15-0	Carbon disulfide	ND	14	1.6	U
78-93-3	2-Butanone	ND	14	0.38	~~U~~ UJ
108-05-4	Vinyl acetate	ND	14	0.19	U
108-10-1	4-Methyl-2-pentanone	ND	14	0.34	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	14	0.23	U
591-78-6	2-Hexanone	ND	14	0.94	U
74-97-5	Bromochloromethane	ND	7.0	0.39	U
594-20-7	2,2-Dichloropropane	ND	7.0	0.32	U
106-93-4	1,2-Dibromoethane	ND	5.6	0.24	U
142-28-9	1,3-Dichloropropane	ND	7.0	0.20	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.4	0.45	U
108-86-1	Bromobenzene	ND	7.0	0.29	U

JM 11/5/16

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-23	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-A-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A21	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 79
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.4	0.16	U
135-98-8	sec-Butylbenzene	ND	1.4	0.17	U
98-06-6	tert-Butylbenzene	ND	7.0	0.19	U
95-49-8	o-Chlorotoluene	ND	7.0	0.22	U
106-43-4	p-Chlorotoluene	ND	7.0	0.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	0.56	U
87-68-3	Hexachlorobutadiene	ND	7.0	0.32	U
98-82-8	Isopropylbenzene	ND	1.4	0.15	U
99-87-6	p-Isopropyltoluene	ND	1.4	0.18	U
91-20-3	Naphthalene	ND	7.0	0.19	U
107-13-1	Acrylonitrile	ND	14	0.72	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.4	0.15	U
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	0.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	0.26	U
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	0.20	U
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	0.20	U
123-91-1	1,4-Dioxane	ND	140	20.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.6	0.22	U
622-96-8	p-Ethyltoluene	ND	5.6	0.17	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.6	0.18	U
60-29-7	Ethyl ether	ND	7.0	0.37	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	7.0	0.55	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-24	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A22	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	1.5	U
75-34-3	1,1-Dichloroethane	ND	2.0	0.11	U
67-66-3	Chloroform	ND	2.0	0.49	U
56-23-5	Carbon tetrachloride	ND	1.3	0.28	U
78-87-5	1,2-Dichloropropane	ND	4.7	0.30	U
124-48-1	Dibromochloromethane	ND	1.3	0.20	U
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.40	U
127-18-4	Tetrachloroethene	ND	1.3	0.19	U
108-90-7	Chlorobenzene	ND	1.3	0.46	U
75-69-4	Trichlorofluoromethane	ND	6.7	0.52	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.15	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.15	U
75-27-4	Bromodichloromethane	ND	1.3	0.23	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.16	U
542-75-6	1,3-Dichloropropene, Total	ND	1.3	0.16	U
563-58-6	1,1-Dichloropropene	ND	6.7	0.19	U
75-25-2	Bromoform	ND	5.3	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.13	U
71-43-2	Benzene	ND	1.3	0.16	U
108-88-3	Toluene	ND	2.0	0.26	U
100-41-4	Ethylbenzene	ND	1.3	0.17	U
74-87-3	Chloromethane	ND	6.7	0.39	U
74-83-9	Bromomethane	ND	2.7	0.45	U
75-01-4	Vinyl chloride	ND	2.7	0.16	U
75-00-3	Chloroethane	ND	2.7	0.42	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.35	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-24	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A22	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	U
79-01-6	Trichloroethene	ND	1.3	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	6.7	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	6.7	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	6.7	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.7	0.11	U
179601-23-1	p/m-Xylene	ND	2.7	0.26	U
95-47-6	o-Xylene	ND	2.7	0.23	U
1330-20-7	Xylenes, Total	ND	2.7	0.23	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	U
540-59-0	1,2-Dichloroethene, Total	ND	1.3	0.19	U
74-95-3	Dibromomethane	ND	13	0.22	U
100-42-5	Styrene	ND	2.7	0.54	U
75-71-8	Dichlorodifluoromethane	ND	13	0.25	U
67-64-1	Acetone	ND	13	1.4	~~U~~ UJ
75-15-0	Carbon disulfide	ND	13	1.5	U
78-93-3	2-Butanone	ND	13	0.36	~~U~~ UJ
108-05-4	Vinyl acetate	ND	13	0.18	U
108-10-1	4-Methyl-2-pentanone	ND	13	0.32	~~U~~ UJ
96-18-4	1,2,3-Trichloropropane	ND	13	0.22	U
591-78-6	2-Hexanone	ND	13	0.89	U
74-97-5	Bromochloromethane	ND	6.7	0.37	U
594-20-7	2,2-Dichloropropane	ND	6.7	0.30	U
106-93-4	1,2-Dibromoethane	ND	5.3	0.23	U
142-28-9	1,3-Dichloropropane	ND	6.7	0.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.3	0.42	U
108-86-1	Bromobenzene	ND	6.7	0.28	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-24	Date Collected	: 10/02/15 10:20
Client ID	: SP-107-B-G	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/10/15 19:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: 1010A22	Instrument ID	: VOA110.I
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
104-51-8	n-Butylbenzene	ND	1.3	0.15	U
135-98-8	sec-Butylbenzene	ND	1.3	0.16	U
98-06-6	tert-Butylbenzene	ND	6.7	0.18	U
95-49-8	o-Chlorotoluene	ND	6.7	0.21	U
106-43-4	p-Chlorotoluene	ND	6.7	0.18	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	0.53	U
87-68-3	Hexachlorobutadiene	ND	6.7	0.30	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.17	U
91-20-3	Naphthalene	ND	6.7	0.18	U
107-13-1	Acrylonitrile	ND	13	0.68	~~U~~ UJ
103-65-1	n-Propylbenzene	ND	1.3	0.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	0.20	U
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	0.24	U
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	0.19	U
123-91-1	1,4-Dioxane	ND	130	19.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	5.3	0.21	U
622-96-8	p-Ethyltoluene	ND	5.3	0.16	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	5.3	0.17	U
60-29-7	Ethyl ether	ND	6.7	0.35	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	6.7	0.52	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-26	Date Collected	: 10/02/15 00:00
Client ID	: TB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A17	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-26	Date Collected	: 10/02/15 00:00
Client ID	: TB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A17	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	U R
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U R
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U R
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U R
591-78-6	2-Hexanone	ND	5.0	1.0	U UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-26	Date Collected	: 10/02/15 00:00
Client ID	: TB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:03
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A17	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A18	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
542-75-6	1,3-Dichloropropene, Total	ND	0.50	0.14	U
563-58-6	1,1-Dichloropropene	ND	2.5	0.70	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.14	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	~~U~~ UJ
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	~~U~~ UJ
75-35-4	1,1-Dichloroethene	ND	0.50	0.14	U

Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A18	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.70	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
1330-20-7	Xylenes, Total	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
540-59-0	1,2-Dichloroethene, Total	ND	2.5	0.70	U
74-95-3	Dibromomethane	ND	5.0	1.0	U
96-18-4	1,2,3-Trichloropropane	ND	2.5	0.70	U
107-13-1	Acrylonitrile	ND	5.0	1.5	~~U~~ R
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	~~U~~ R
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	~~U~~ R
108-05-4	Vinyl acetate	ND	5.0	1.0	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	~~U~~ R
591-78-6	2-Hexanone	ND	5.0	1.0	~~U~~ UJ
74-97-5	Bromochloromethane	ND	2.5	0.70	U
594-20-7	2,2-Dichloropropane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
142-28-9	1,3-Dichloropropane	ND	2.5	0.70	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	2.5	0.70	U

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Form 1
Volatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 16:32
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: PD
Lab File ID	: 1009A18	Instrument ID	: VOA101.I
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
108-86-1	Bromobenzene	ND	2.5	0.70	U
104-51-8	n-Butylbenzene	ND	2.5	0.70	U
135-98-8	sec-Butylbenzene	ND	2.5	0.70	U
98-06-6	tert-Butylbenzene	ND	2.5	0.70	U
95-49-8	o-Chlorotoluene	ND	2.5	0.70	U
106-43-4	p-Chlorotoluene	ND	2.5	0.70	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
87-68-3	Hexachlorobutadiene	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
99-87-6	p-Isopropyltoluene	ND	2.5	0.70	U
91-20-3	Naphthalene	ND	2.5	0.70	U
103-65-1	n-Propylbenzene	ND	2.5	0.70	~~U~~ UJ
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.70	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.70	U
123-91-1	1,4-Dioxane	ND	250	41.	~~U~~ R
105-05-5	p-Diethylbenzene	ND	2.0	0.70	U
622-96-8	p-Ethyltoluene	ND	2.0	0.70	U
95-93-2	1,2,4,5-Tetramethylbenzene	ND	2.0	0.65	U
60-29-7	Ethyl ether	ND	2.5	0.70	U
110-57-6	trans-1,4-Dichloro-2-butene	ND	2.5	0.70	U

4/15/16

PART 2 (continued)
Appendix C
Data Summary Form I's
With Qualifications

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/12/15 15:41
Sample Matrix	: SOIL	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-03	Analyst	: PS
Sample Amount	: 30.92 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	100	160	41.	J
120-82-1	1,2,4-Trichlorobenzene	ND	200	66.	U
118-74-1	Hexachlorobenzene	ND	120	37.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	56.	U
91-58-7	2-Chloronaphthalene	ND	200	66.	U
95-50-1	1,2-Dichlorobenzene	ND	200	66.	U
541-73-1	1,3-Dichlorobenzene	ND	200	63.	U
106-46-7	1,4-Dichlorobenzene	ND	200	61.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	43.	U
606-20-2	2,6-Dinitrotoluene	ND	200	51.	U
206-44-0	Fluoranthene	2500	120	37.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	61.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	46.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	71.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	61.	U
87-68-3	Hexachlorobutadiene	ND	200	57.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	130	U
67-72-1	Hexachloroethane	ND	160	36.	U
78-59-1	Isophorone	ND	180	54.	U
91-20-3	Naphthalene	120	200	67.	J
98-95-3	Nitrobenzene	ND	180	48.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	160	42.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	60.	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/12/15 15:41
Sample Matrix	: SOIL	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-03	Analyst	: PS
Sample Amount	: 30.92 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	200	53.	U
85-68-7	Butyl benzyl phthalate	ND	200	39.	U
84-74-2	Di-n-butylphthalate	ND	200	39.	U
117-84-0	Di-n-octylphthalate	ND	200	49.	U
84-66-2	Diethyl phthalate	ND	200	42.	U
131-11-3	Dimethyl phthalate	ND	200	51.	U
56-55-3	Benzo(a)anthracene	1300	120	39.	
50-32-8	Benzo(a)pyrene	1200	160	49.	
205-99-2	Benzo(b)fluoranthene	1500	120	41.	
207-08-9	Benzo(k)fluoranthene	570	120	38.	
218-01-9	Chrysene	1400	120	40.	
208-96-8	Acenaphthylene	110	160	38.	J
120-12-7	Anthracene	530	120	33.	
191-24-2	Benzo(ghi)perylene	720	160	42.	
86-73-7	Fluorene	130	200	58.	J
85-01-8	Phenanthrene	1300	120	39.	
53-70-3	Dibenzo(a,h)anthracene	200	120	39.	
193-39-5	Indeno(1,2,3-cd)Pyrene	750	160	45.	
129-00-0	Pyrene	2200	120	39.	
92-52-4	Biphenyl	ND	460	66.	U
106-47-8	4-Chloroaniline	ND	200	53.	U
88-74-4	2-Nitroaniline	ND	200	57.	U
99-09-2	3-Nitroaniline	ND	200	56.	U
100-01-6	4-Nitroaniline	ND	200	54.	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected :	10/02/15 11:00
Client ID	: SP-101-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/12/15 15:41
Sample Matrix	: SOIL	Date Extracted :	10/08/15
Analytical Method	: 1,8270D	Dilution Factor :	1
Lab File ID	: 24941-03	Analyst	: PS
Sample Amount	: 30.92 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	68	200	67.	J
91-57-6	2-Methylnaphthalene	ND	240	64.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	62.	U
98-86-2	Acetophenone	ND	200	62.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	P-Chloro-M-Cresol	ND	200	58.	U
95-57-8	2-Chlorophenol	ND	200	61.	U
120-83-2	2,4-Dichlorophenol	ND	180	65.	U
105-67-9	2,4-Dimethylphenol	ND	200	60.	U
88-75-5	2-Nitrophenol	ND	430	63.	U
100-02-7	4-Nitrophenol	ND	280	65.	U
51-28-5	2,4-Dinitrophenol	ND	960	280	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	74.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	60.	U
95-48-7	2-Methylphenol	ND	200	65.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	66.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	65.	U
65-85-0	Benzoic Acid	ND	650	200	U
100-51-6	Benzyl Alcohol	ND	200	62.	U
86-74-8	Carbazole	140	200	43.	J

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-07D	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 20:26
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-07	Analyst	: AS
Sample Amount	: 30.31 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	160	310	80.	J
120-82-1	1,2,4-Trichlorobenzene	ND	390	130	U
118-74-1	Hexachlorobenzene	ND	230	72.	U
111-44-4	Bis(2-chloroethyl)ether	ND	350	110	U
91-58-7	2-Chloronaphthalene	ND	390	130	U
95-50-1	1,2-Dichlorobenzene	ND	390	130	U
541-73-1	1,3-Dichlorobenzene	ND	390	120	U
106-46-7	1,4-Dichlorobenzene	ND	390	120	U
91-94-1	3,3'-Dichlorobenzidine	ND	390	100	U
121-14-2	2,4-Dinitrotoluene	ND	390	84.	U
606-20-2	2,6-Dinitrotoluene	ND	390	99.	U
206-44-0	Fluoranthene	2200	230	71.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	390	120	U
101-55-3	4-Bromophenyl phenyl ether	ND	390	89.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	460	140	U
111-91-1	Bis(2-chloroethoxy)methane	ND	420	120	U
87-68-3	Hexachlorobutadiene	ND	390	110	U
77-47-4	Hexachlorocyclopentadiene	ND	1100	250	U
67-72-1	Hexachloroethane	ND	310	70.	U
78-59-1	Isophorone	ND	350	100	U
91-20-3	Naphthalene	290	390	130	J
98-95-3	Nitrobenzene	ND	350	92.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	310	81.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	390	120	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07D	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 20:26
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-07	Analyst	: AS
Sample Amount	: 30.31 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	~~130~~	390	100	~~J~~
85-68-7	Butyl benzyl phthalate	ND	390	76.	U
84-74-2	Di-n-butylphthalate	ND	390	75.	U
117-84-0	Di-n-octylphthalate	ND	390	95.	U
84-66-2	Diethyl phthalate	ND	390	82.	U
131-11-3	Dimethyl phthalate	ND	390	98.	U
56-55-3	Benzo(a)anthracene	1200	230	76.	
50-32-8	Benzo(a)pyrene	1100	310	95.	
205-99-2	Benzo(b)fluoranthene	1400	230	78.	
207-08-9	Benzo(k)fluoranthene	620	230	74.	
218-01-9	Chrysene	1200	230	76.	
208-96-8	Acenaphthylene	190	310	72.	J
120-12-7	Anthracene	480	230	64.	
191-24-2	Benzo(ghi)perylene	690	310	81.	
86-73-7	Fluorene	180	390	110	J
85-01-8	Phenanthrene	1300	230	76.	
53-70-3	Dibenzo(a,h)anthracene	200	230	75.	J
193-39-5	Indeno(1,2,3-cd)Pyrene	740	310	86.	
129-00-0	Pyrene	2000	230	75.	
92-52-4	Biphenyl	ND	880	130	U
106-47-8	4-Chloroaniline	ND	390	100	U
88-74-4	2-Nitroaniline	ND	390	110	U
99-09-2	3-Nitroaniline	ND	390	110	U
100-01-6	4-Nitroaniline	ND	390	100	U

130 ~~ND~~ ~~130~~ ~~J~~ U J

10/17/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07D	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 20:26
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-07	Analyst	: AS
Sample Amount	: 30.31 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	140	390	130	J
91-57-6	2-Methylnaphthalene	150	460	120	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	390	120	U
98-86-2	Acetophenone	ND	390	120	U
88-06-2	2,4,6-Trichlorophenol	ND	230	73.	U
59-50-7	P-Chloro-M-Cresol	ND	390	110	U
95-57-8	2-Chlorophenol	ND	390	120	U
120-83-2	2,4-Dichlorophenol	ND	350	120	U
105-67-9	2,4-Dimethylphenol	ND	390	120	U
88-75-5	2-Nitrophenol	ND	840	120	U
100-02-7	4-Nitrophenol	ND	540	120	U
51-28-5	2,4-Dinitrophenol	ND	1900	530	U
534-52-1	4,6-Dinitro-o-cresol	ND	1000	140	U
87-86-5	Pentachlorophenol	ND	310	83.	U
108-95-2	Phenol	ND	390	110	U
95-48-7	2-Methylphenol	ND	390	120	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	560	130	U
95-95-4	2,4,5-Trichlorophenol	ND	390	120	U
65-85-0	Benzoic Acid	ND	1200	390	U R
100-51-6	Benzyl Alcohol	ND	390	120	U
86-74-8	Carbazole	200	390	83.	J

4/17/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/12/15 14:57
Sample Matrix	: SOIL	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-10	Analyst	: PS
Sample Amount	: 30.4 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	290	150	39.	
120-82-1	1,2,4-Trichlorobenzene	ND	190	63.	U
118-74-1	Hexachlorobenzene	ND	120	36.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	54.	U
91-58-7	2-Chloronaphthalene	ND	190	62.	U
95-50-1	1,2-Dichlorobenzene	ND	190	63.	U
541-73-1	1,3-Dichlorobenzene	ND	190	60.	U
106-46-7	1,4-Dichlorobenzene	ND	190	58.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	~~U~~ R
121-14-2	2,4-Dinitrotoluene	ND	190	41.	U
606-20-2	2,6-Dinitrotoluene	ND	190	49.	U
206-44-0	Fluoranthene	3400	120	35.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	58.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	44.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	67.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	58.	U
87-68-3	Hexachlorobutadiene	ND	190	54.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	120	~~U~~ R
67-72-1	Hexachloroethane	ND	150	35.	U
78-59-1	Isophorone	ND	170	51.	U
91-20-3	Naphthalene	530	190	64.	
98-95-3	Nitrobenzene	ND	170	46.	U
86-30-6	NitrosoDIPhenylAmine(NDPA)/DPA	ND	150	40.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	57.	U

SDG 411746

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/12/15 14:57
Sample Matrix	: SOIL	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-10	Analyst	: PS
Sample Amount	: 30.4 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate 160 ~~ND~~	~~160~~	190	50.	~~J~~ ~~U~~ J
85-68-7	Butyl benzyl phthalate	ND	190	37.	U
84-74-2	Di-n-butylphthalate	ND	190	37.	U
117-84-0	Di-n-octylphthalate	ND	190	47.	U
84-66-2	Diethyl phthalate	ND	190	40.	U
131-11-3	Dimethyl phthalate	ND	190	49.	U
56-55-3	Benzo(a)anthracene	1800	120	38.	
50-32-8	Benzo(a)pyrene	1800	150	47.	
205-99-2	Benzo(b)fluoranthene	2500	120	39.	
207-08-9	Benzo(k)fluoranthene	820	120	36.	
218-01-9	Chrysene	2000	120	38.	
208-96-8	Acenaphthylene	280	150	36.	
120-12-7	Anthracene	750	120	32.	
191-24-2	Benzo(ghi)perylene	1000	150	40.	
86-73-7	Fluorene	290	190	55.	
85-01-8	Phenanthrene	2100	120	37.	
53-70-3	Dibenzo(a,h)anthracene	310	120	37.	
193-39-5	Indeno(1,2,3-cd)Pyrene	1100	150	42.	
129-00-0	Pyrene	3000	120	37.	
92-52-4	Biphenyl	ND	440	63.	U
106-47-8	4-Chloroaniline	ND	190	51.	~~U~~ UJ
88-74-4	2-Nitroaniline	ND	190	54.	U
99-09-2	3-Nitroaniline	ND	190	53.	U
100-01-6	4-Nitroaniline	ND	190	52.	~~U~~ UJ

JD 4/17/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/12/15 14:57
Sample Matrix	: SOIL	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-10	Analyst	: PS
Sample Amount	: 30.4 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	210	190	64.	
91-57-6	2-Methylnaphthalene	230	230	61.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	59.	U
98-86-2	Acetophenone	ND	190	59.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	P-Chloro-M-Cresol	ND	190	56.	U
95-57-8	2-Chlorophenol	ND	190	58.	U
120-83-2	2,4-Dichlorophenol	ND	170	62.	U
105-67-9	2,4-Dimethylphenol	ND	190	57.	U
88-75-5	2-Nitrophenol	ND	410	60.	U
100-02-7	4-Nitrophenol	ND	270	62.	U
51-28-5	2,4-Dinitrophenol	ND	920	260	U R
534-52-1	4,6-Dinitro-o-cresol	ND	500	70.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	57.	U
95-48-7	2-Methylphenol	ND	190	62.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	63.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	62.	U
65-85-0	Benzoic Acid	ND	620	190	U R
100-51-6	Benzyl Alcohol	ND	190	59.	U
86-74-8	Carbazole	330	190	41.	

10/16/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14D	Date Collected :	10/02/15 11:15
Client ID	: SP-104-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/07/15 21:16
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8270D	Dilution Factor :	2
Lab File ID	: 24941-14	Analyst	: AS
Sample Amount	: 30.04 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	230	300	79.	J
120-82-1	1,2,4-Trichlorobenzene	ND	380	120	U
118-74-1	Hexachlorobenzene	ND	230	71.	U
111-44-4	Bis(2-chloroethyl)ether	ND	340	110	U
91-58-7	2-Chloronaphthalene	ND	380	120	U
95-50-1	1,2-Dichlorobenzene	ND	380	120	U
541-73-1	1,3-Dichlorobenzene	ND	380	120	U
106-46-7	1,4-Dichlorobenzene	ND	380	120	U
91-94-1	3,3'-Dichlorobenzidine	ND	380	100	U
121-14-2	2,4-Dinitrotoluene	ND	380	82.	U
606-20-2	2,6-Dinitrotoluene	ND	380	98.	U
206-44-0	Fluoranthene	4200	230	70.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	120	U
101-55-3	4-Bromophenyl phenyl ether	ND	380	88.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	460	130	U
111-91-1	Bis(2-chloroethoxy)methane	ND	410	120	U
87-68-3	Hexachlorobutadiene	ND	380	110	U
77-47-4	Hexachlorocyclopentadiene	ND	1100	240	U
67-72-1	Hexachloroethane	ND	300	69.	U
78-59-1	Isophorone	ND	340	100	U
91-20-3	Naphthalene	300	380	130	J
98-95-3	Nitrobenzene	ND	340	91.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	300	80.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	380	110	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14D	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 21:16
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-14	Analyst	: AS
Sample Amount	: 30.04 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	160	380	100	J
85-68-7	Butyl benzyl phthalate	ND	380	74.	U
84-74-2	Di-n-butylphthalate	ND	380	74.	U
117-84-0	Di-n-octylphthalate	ND	380	94.	U
84-66-2	Diethyl phthalate	ND	380	81.	U
131-11-3	Dimethyl phthalate	ND	380	97.	U
56-55-3	Benzo(a)anthracene	2200	230	75.	
50-32-8	Benzo(a)pyrene	2100	300	93.	
205-99-2	Benzo(b)fluoranthene	2700	230	77.	
207-08-9	Benzo(k)fluoranthene	1100	230	73.	
218-01-9	Chrysene	2400	230	75.	
208-96-8	Acenaphthylene	250	300	71.	J
120-12-7	Anthracene	820	230	64.	
191-24-2	Benzo(ghi)perylene	1300	300	79.	
86-73-7	Fluorene	280	380	110	J
85-01-8	Phenanthrene	2300	230	75.	
53-70-3	Dibenzo(a,h)anthracene	360	230	74.	
193-39-5	Indeno(1,2,3-cd)Pyrene	1400	300	85.	
129-00-0	Pyrene	3700	230	74.	
92-52-4	Biphenyl	ND	870	120	U
106-47-8	4-Chloroaniline	ND	380	100	U
88-74-4	2-Nitroaniline	ND	380	110	U
99-09-2	3-Nitroaniline	ND	380	100	U
100-01-6	4-Nitroaniline	ND	380	100	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14D	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 21:16
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-14	Analyst	: AS
Sample Amount	: 30.04 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	180	380	130	J
91-57-6	2-Methylnaphthalene	160	460	120	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	380	120	U
98-86-2	Acetophenone	ND	380	120	U
88-06-2	2,4,6-Trichlorophenol	ND	230	72.	U
59-50-7	P-Chloro-M-Cresol	ND	380	110	U
95-57-8	2-Chlorophenol	ND	380	120	U
120-83-2	2,4-Dichlorophenol	ND	340	120	U
105-67-9	2,4-Dimethylphenol	ND	380	110	U
88-75-5	2-Nitrophenol	ND	820	120	U
100-02-7	4-Nitrophenol	ND	530	120	U
51-28-5	2,4-Dinitrophenol	ND	1600	520	U
534-52-1	4,6-Dinitro-o-cresol	ND	990	140	U
87-86-5	Pentachlorophenol	ND	300	82.	U
108-95-2	Phenol	ND	380	110	U
95-48-7	2-Methylphenol	ND	380	120	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	550	120	U
95-95-4	2,4,5-Trichlorophenol	ND	380	120	U
65-85-0	Benzoic Acid	ND	1200	390	U R
100-51-6	Benzyl Alcohol	ND	380	120	U
86-74-8	Carbazole	380	380	82.	

4/17/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17D	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 21:41
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-17	Analyst	: AS
Sample Amount	: 30.35 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	160	300	79.	J
120-82-1	1,2,4-Trichlorobenzene	ND	380	120	U
118-74-1	Hexachlorobenzene	ND	230	71.	U
111-44-4	Bis(2-chloroethyl)ether	ND	340	110	U
91-58-7	2-Chloronaphthalene	ND	380	120	U
95-50-1	1,2-Dichlorobenzene	ND	380	120	U
541-73-1	1,3-Dichlorobenzene	ND	380	120	U
106-46-7	1,4-Dichlorobenzene	ND	380	120	U
91-94-1	3,3'-Dichlorobenzidine	ND	380	100	U
121-14-2	2,4-Dinitrotoluene	ND	380	82.	U
606-20-2	2,6-Dinitrotoluene	ND	380	98.	U
206-44-0	Fluoranthene	2700	230	70.	J-
7005-72-3	4-Chlorophenyl phenyl ether	ND	380	120	U
101-55-3	4-Bromophenyl phenyl ether	ND	380	88.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	460	130	U
111-91-1	Bis(2-chloroethoxy)methane	ND	410	120	U
87-68-3	Hexachlorobutadiene	ND	380	110	U
77-47-4	Hexachlorocyclopentadiene	ND	1100	240	U
67-72-1	Hexachloroethane	ND	300	69.	U
78-59-1	Isophorone	ND	340	100	U
91-20-3	Naphthalene	320	380	130	J
98-95-3	Nitrobenzene	ND	340	91.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	300	80.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	380	110	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17D	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 21:41
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-17	Analyst	: AS
Sample Amount	: 30.35 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	170	380	100	J
85-68-7	Butyl benzyl phthalate	ND	380	75.	U
84-74-2	Di-n-butylphthalate	ND	380	74.	U
117-84-0	Di-n-octylphthalate	ND	380	94.	U
84-66-2	Diethyl phthalate	ND	380	81.	U
131-11-3	Dimethyl phthalate	ND	380	97.	U
56-55-3	Benzo(a)anthracene	1300	230	75.	J-
50-32-8	Benzo(a)pyrene	1200	300	93.	J-
205-99-2	Benzo(b)fluoranthene	1600	230	77.	J-
207-08-9	Benzo(k)fluoranthene	610	230	73.	J-
218-01-9	Chrysene	1400	230	75.	J-
208-96-8	Acenaphthylene	180	300	71.	J
120-12-7	Anthracene	550	230	64.	J-
191-24-2	Benzo(ghi)perylene	740	300	80.	J-
86-73-7	Fluorene	170	380	110	J
85-01-8	Phenanthrene	1300	230	75.	J-
53-70-3	Dibenzo(a,h)anthracene	200	230	74.	J
193-39-5	Indeno(1,2,3-cd)Pyrene	750	300	85.	J-
129-00-0	Pyrene	2500	230	74.	J-
92-52-4	Biphenyl	ND	870	130	U
106-47-8	4-Chloroaniline	ND	380	100	U
88-74-4	2-Nitroaniline	ND	380	110	U
99-09-2	3-Nitroaniline	ND	380	100	U
100-01-6	4-Nitroaniline	ND	380	100	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17D	Date Collected :	10/02/15 11:30
Client ID	: SP-105-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/07/15 21:41
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8270D	Dilution Factor :	2
Lab File ID	: 24941-17	Analyst	: AS
Sample Amount	: 30.35 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	140	380	130	J
91-57-6	2-Methylnaphthalene	170	460	120	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	380	120	U
98-86-2	Acetophenone	ND	380	120	U
88-06-2	2,4,6-Trichlorophenol	ND	230	72.	U
59-50-7	P-Chloro-M-Cresol	ND	380	110	U
95-57-8	2-Chlorophenol	ND	380	120	U
120-83-2	2,4-Dichlorophenol	ND	340	120	U
105-67-9	2,4-Dimethylphenol	ND	380	110	U
88-75-5	2-Nitrophenol	ND	820	120	U
100-02-7	4-Nitrophenol	ND	540	120	U
51-28-5	2,4-Dinitrophenol	ND	1800	520	U
534-52-1	4,6-Dinitro-o-cresol	ND	990	140	U
87-86-5	Pentachlorophenol	ND	300	82.	U
108-95-2	Phenol	ND	380	110	U
95-48-7	2-Methylphenol	ND	380	120	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	550	120	U
95-95-4	2,4,5-Trichlorophenol	ND	380	120	U
65-85-0	Benzoic Acid	ND	1200	390	~~U~~ R
100-51-6	Benzyl Alcohol	ND	380	120	U
86-74-8	Carbazole	210	380	82.	J

10/7/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-18D	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP of SP-105-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:00
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 4
Lab File ID	: 24941-18	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	2400	590	150	J
120-82-1	1,2,4-Trichlorobenzene	ND	740	240	U
118-74-1	Hexachlorobenzene	ND	440	140	U
111-44-4	Bis(2-chloroethyl)ether	ND	660	210	U
91-58-7	2-Chloronaphthalene	ND	740	240	U
95-50-1	1,2-Dichlorobenzene	ND	740	240	U
541-73-1	1,3-Dichlorobenzene	ND	740	230	U
106-46-7	1,4-Dichlorobenzene	ND	740	220	U
91-94-1	3,3'-Dichlorobenzidine	ND	740	200	U
121-14-2	2,4-Dinitrotoluene	ND	740	160	U
606-20-2	2,6-Dinitrotoluene	ND	740	190	U
206-44-0	Fluoranthene	19000	440	140	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	740	220	U
101-55-3	4-Bromophenyl phenyl ether	ND	740	170	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	880	260	U
111-91-1	Bis(2-chloroethoxy)methane	ND	800	220	U
87-68-3	Hexachlorobutadiene	ND	740	210	U
77-47-4	Hexachlorocyclopentadiene	ND	2100	470	U
67-72-1	Hexachloroethane	ND	590	130	U
78-59-1	Isophorone	ND	660	200	U
91-20-3	Naphthalene	700	740	240	J
98-95-3	Nitrobenzene	ND	660	180	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	590	150	U
621-64-7	n-Nitrosodi-n-propylamine	ND	740	220	U

3/31/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18D	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (COMP OF SP-105-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:00
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 4
Lab File ID	: 24941-18	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	740	190	U
85-68-7	Butyl benzyl phthalate	ND	740	140	U
84-74-2	Di-n-butylphthalate	ND	740	140	U
117-84-0	Di-n-octylphthalate	ND	740	180	U
84-66-2	Diethyl phthalate	ND	740	160	U
131-11-3	Dimethyl phthalate	ND	740	190	U
56-55-3	Benzo(a)anthracene	8600	440	140	J
50-32-8	Benzo(a)pyrene	7100	590	180	J
205-99-2	Benzo(b)fluoranthene	9500	440	150	J
207-08-9	Benzo(k)fluoranthene	3800	440	140	J
218-01-9	Chrysene	9200	440	140	J
208-96-8	Acenaphthylene	310	590	140	J
120-12-7	Anthracene	4500	440	120	J
191-24-2	Benzo(ghi)perylene	3800	590	150	J
86-73-7	Fluorene	2100	740	210	J
85-01-8	Phenanthrene	14000	440	140	J
53-70-3	Dibenzo(a,h)anthracene	1100	440	140	J
193-39-5	Indeno(1,2,3-cd)Pyrene	4200	590	160	J
129-00-0	Pyrene	15000	440	140	J
92-52-4	Biphenyl	ND	1700	240	U
106-47-8	4-Chloroaniline	ND	740	190	U
88-74-4	2-Nitroaniline	ND	740	210	U
99-09-2	3-Nitroaniline	ND	740	200	U
100-01-6	4-Nitroaniline	ND	740	200	U

3/31/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18D	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP of SP-10S-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:00
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 4
Lab File ID	: 24941-18	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	1000	740	250	J
91-57-6	2-Methylnaphthalene	540	880	240	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	740	230	U
98-86-2	Acetophenone	ND	740	230	U
88-06-2	2,4,6-Trichlorophenol	ND	440	140	U
59-50-7	P-Chloro-M-Cresol	ND	740	210	U
95-57-8	2-Chlorophenol	ND	740	220	U
120-83-2	2,4-Dichlorophenol	ND	660	240	U
105-67-9	2,4-Dimethylphenol	ND	740	220	U
88-75-5	2-Nitrophenol	ND	1600	230	U
100-02-7	4-Nitrophenol	ND	1000	240	U
51-28-5	2,4-Dinitrophenol	ND	3500	1000	U
534-52-1	4,6-Dinitro-o-cresol	ND	1900	270	U
87-86-5	Pentachlorophenol	ND	590	160	U
108-95-2	Phenol	ND	740	220	U
95-48-7	2-Methylphenol	ND	740	240	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	1100	240	U
95-95-4	2,4,5-Trichlorophenol	ND	740	240	U
65-85-0	Benzoic Acid	ND	2400	750	~~U~~ R
100-51-6	Benzyl Alcohol	ND	740	230	U
86-74-8	Carbazole	2100	740	160	J

fa/R 3/11/16

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22D	Date Collected	: 10/02/15 11:40
Client ID	: SP-106-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:31
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-22	Analyst	: AS
Sample Amount	: 30.09 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	150	320	82.	J
120-82-1	1,2,4-Trichlorobenzene	ND	400	130	U
118-74-1	Hexachlorobenzene	ND	240	74.	U
111-44-4	Bis(2-chloroethyl)ether	ND	360	110	U
91-58-7	2-Chloronaphthalene	ND	400	130	U
95-50-1	1,2-Dichlorobenzene	ND	400	130	U
541-73-1	1,3-Dichlorobenzene	ND	400	120	U
106-46-7	1,4-Dichlorobenzene	ND	400	120	U
91-94-1	3,3'-Dichlorobenzidine	ND	400	100	U
121-14-2	2,4-Dinitrotoluene	ND	400	86.	U
606-20-2	2,6-Dinitrotoluene	ND	400	100	U
206-44-0	Fluoranthene	1800	240	73.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	400	120	U
101-55-3	4-Bromophenyl phenyl ether	ND	400	92.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	480	140	U
111-91-1	Bis(2-chloroethoxy)methane	ND	430	120	U
87-68-3	Hexachlorobutadiene	ND	400	110	U
77-47-4	Hexachlorocyclopentadiene	ND	1100	260	U
67-72-1	Hexachloroethane	ND	320	72.	U
78-59-1	Isophorone	ND	360	100	U
91-20-3	Naphthalene	520	400	130	
98-95-3	Nitrobenzene	ND	360	95.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	320	84.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	400	120	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-22D	Date Collected	: 10/02/15 11:40
Client ID	: SP-106-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:31
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-22	Analyst	: AS
Sample Amount	: 30.09 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	400	100	U
85-68-7	Butyl benzyl phthalate	ND	400	78.	U
84-74-2	Di-n-butylphthalate	ND	400	77.	U
117-84-0	Di-n-octylphthalate	ND	400	98.	U
84-66-2	Diethyl phthalate	ND	400	84.	U
131-11-3	Dimethyl phthalate	ND	400	100	U
56-55-3	Benzo(a)anthracene	910	240	78.	
50-32-8	Benzo(a)pyrene	900	320	97.	
205-99-2	Benzo(b)fluoranthene	1200	240	80.	
207-08-9	Benzo(k)fluoranthene	470	240	76.	
218-01-9	Chrysene	1000	240	78.	
208-96-8	Acenaphthylene	200	320	74.	J
120-12-7	Anthracene	400	240	66.	
191-24-2	Benzo(ghi)perylene	560	320	83.	
86-73-7	Fluorene	190	400	110	J
85-01-8	Phenanthrene	1000	240	78.	
53-70-3	Dibenzo(a,h)anthracene	170	240	77.	J
193-39-5	Indeno(1,2,3-cd)Pyrene	570	320	88.	
129-00-0	Pyrene	1700	240	77.	
92-52-4	Biphenyl	ND	910	130	U
106-47-8	4-Chloroaniline	ND	400	100	U
88-74-4	2-Nitroaniline	ND	400	110	U
99-09-2	3-Nitroaniline	ND	400	110	U
100-01-6	4-Nitroaniline	ND	400	110	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22D	Date Collected	: 10/02/15 11:40
Client ID	: SP-106-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:31
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-22	Analyst	: AS
Sample Amount	: 30.09 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	160	400	130	J
91-57-6	2-Methylnaphthalene	410	480	130	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	400	120	U
98-86-2	Acetophenone	ND	400	120	U
88-06-2	2,4,6-Trichlorophenol	ND	240	75.	U
59-50-7	P-Chloro-M-Cresol	ND	400	120	U
95-57-8	2-Chlorophenol	ND	400	120	U
120-83-2	2,4-Dichlorophenol	ND	360	130	U
105-67-9	2,4-Dimethylphenol	ND	400	120	U
88-75-5	2-Nitrophenol	ND	860	120	U
100-02-7	4-Nitrophenol	ND	560	130	U
51-28-5	2,4-Dinitrophenol	ND	1900	540	U
534-52-1	4,6-Dinitro-o-cresol	ND	1000	140	U
87-86-5	Pentachlorophenol	ND	320	85.	U
108-95-2	Phenol	ND	400	120	U
95-48-7	2-Methylphenol	ND	400	130	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	570	130	U
95-95-4	2,4,5-Trichlorophenol	ND	400	130	U
65-85-0	Benzoic Acid	ND	1300	400	U R
100-51-6	Benzyl Alcohol	ND	400	120	U
86-74-8	Carbazole	170	400	86.	J

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25D	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:56
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-25	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	350	320	83.	
120-82-1	1,2,4-Trichlorobenzene	ND	400	130	U
118-74-1	Hexachlorobenzene	ND	240	75.	U
111-44-4	Bis(2-chloroethyl)ether	ND	360	110	U
91-58-7	2-Chloronaphthalene	ND	400	130	U
95-50-1	1,2-Dichlorobenzene	ND	400	130	U
541-73-1	1,3-Dichlorobenzene	ND	400	130	U
106-46-7	1,4-Dichlorobenzene	ND	400	120	U
91-94-1	3,3'-Dichlorobenzidine	ND	400	110	U
121-14-2	2,4-Dinitrotoluene	ND	400	87.	U
606-20-2	2,6-Dinitrotoluene	ND	400	100	U
206-44-0	Fluoranthene	3900	240	74.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	400	120	U
101-55-3	4-Bromophenyl phenyl ether	ND	400	93.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	480	140	U
111-91-1	Bis(2-chloroethoxy)methane	ND	440	120	U
87-68-3	Hexachlorobutadiene	ND	400	110	U
77-47-4	Hexachlorocyclopentadiene	ND	1200	260	U
67-72-1	Hexachloroethane	ND	320	74.	U
78-59-1	Isophorone	ND	360	110	U
91-20-3	Naphthalene	650	400	130	
98-95-3	Nitrobenzene	ND	360	96.	U
86-30-6	NitrosoDiPhenylAmine(NDPA)/DPA	ND	320	85.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	400	120	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25D	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:56
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-25	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	140	400	100	J
85-68-7	Butyl benzyl phthalate	ND	400	79.	U
84-74-2	Di-n-butylphthalate	ND	400	78.	U
117-84-0	Di-n-octylphthalate	ND	400	99.	U
84-66-2	Diethyl phthalate	ND	400	85.	U
131-11-3	Dimethyl phthalate	ND	400	100	U
56-55-3	Benzo(a)anthracene	2100	240	79.	
50-32-8	Benzo(a)pyrene	2000	320	99.	
205-99-2	Benzo(b)fluoranthene	2600	240	82.	
207-08-9	Benzo(k)fluoranthene	1100	240	77.	
218-01-9	Chrysene	2200	240	79.	
208-96-8	Acenaphthylene	310	320	76.	J
120-12-7	Anthracene	930	240	67.	
191-24-2	Benzo(ghi)perylene	1100	320	84.	
86-73-7	Fluorene	350	400	120	J
85-01-8	Phenanthrene	2400	240	79.	
53-70-3	Dibenzo(a,h)anthracene	320	240	78.	
193-39-5	Indeno(1,2,3-cd)Pyrene	1300	320	90.	
129-00-0	Pyrene	3400	240	79.	
92-52-4	Biphenyl	ND	920	130	U
106-47-8	4-Chloroanlline	ND	400	110	U
88-74-4	2-Nitroaniline	ND	400	110	U
99-09-2	3-Nitroaniline	ND	400	110	U
100-01-6	4-Nitroaniline	ND	400	110	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-25D	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 22:56
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8270D	Dilution Factor	: 2
Lab File ID	: 24941-25	Analyst	: AS
Sample Amount	: 30.38 g	Instrument ID	: BUFFY.I
Extraction Method	: EPA 3546	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	260	400	130	J
91-57-6	2-Methylnaphthalene	280	480	130	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	400	120	U
98-86-2	Acetophenone	ND	400	120	U
88-06-2	2,4,6-Trichlorophenol	ND	240	76.	U
59-50-7	P-Chloro-M-Cresol	ND	400	120	U
95-57-8	2-Chlorophenol	ND	400	120	U
120-83-2	2,4-Dichlorophenol	ND	360	130	U
105-67-9	2,4-Dimethylphenol	ND	400	120	U
88-75-5	2-Nitrophenol	ND	870	130	U
100-02-7	4-Nitrophenol	ND	570	130	U
51-28-5	2,4-Dinitrophenol	ND	1900	550	U
534-52-1	4,6-Dinitro-o-cresol	ND	1000	150	U
87-86-5	Pentachlorophenol	ND	320	86.	U
108-95-2	Phenol	ND	400	120	U
95-48-7	2-Methylphenol	ND	400	130	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	580	130	U
95-95-4	2,4,5-Trichlorophenol	ND	400	130	U
65-85-0	Benzoic Acid	ND	1300	410	U R
100-51-6	Benzyl Alcohol	ND	400	120	U
86-74-8	Carbazole	350	400	87.	J

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Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 01:08
Sample Matrix	: WATER	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-27	Analyst	: AS
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	2.0	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.21	U
118-74-1	Hexachlorobenzene	ND	2.0	0.40	U
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.41	U
91-58-7	2-Chloronaphthalene	ND	2.0	0.46	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.30	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.35	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.32	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.48	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	1.0	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.89	U
206-44-0	Fluoranthene	ND	2.0	0.40	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.36	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.43	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.60	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.60	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.42	U
77-47-4	Hexachlorocyclopentadiene	ND	20	0.58	U
67-72-1	Hexachloroethane	ND	2.0	0.30	U
78-59-1	Isophorone	ND	5.0	0.79	U
91-20-3	Naphthalene	ND	2.0	0.33	U
98-95-3	Nitrobenzene	ND	2.0	0.40	U
86-30-6	NitrosoDIPhenylAmine(NDPA)/DPA	ND	2.0	0.34	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.64	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 01:08
Sample Matrix	: WATER	Date Extracted	: 10/08/15
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 24941-27	Analyst	: AS
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
117-81-7	Bis(2-Ethylhexyl)phthalate	ND	3.0	0.93	U
85-68-7	Butyl benzyl phthalate	ND	5.0	1.1	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.77	U
117-84-0	Di-n-octylphthalate	ND	5.0	1.2	U
84-66-2	Diethyl phthalate	ND	5.0	0.39	U
131-11-3	Dimethyl phthalate	ND	5.0	0.33	U
56-55-3	Benzo(a)anthracene	ND	2.0	0.32	U
50-32-8	Benzo(a)pyrene	ND	2.0	0.66	U
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.37	U
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.30	U
218-01-9	Chrysene	ND	2.0	0.30	U
208-96-8	Acenaphthylene	ND	2.0	0.37	U
120-12-7	Anthracene	ND	2.0	0.20	U
191-24-2	Benzo(ghi)perylene	ND	2.0	0.57	U
86-73-7	Fluorene	ND	2.0	0.32	U
85-01-8	Phenanthrene	ND	2.0	0.23	U
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.44	U
193-39-5	Indeno(1,2,3-cd)Pyrene	ND	2.0	0.43	U
129-00-0	Pyrene	ND	2.0	0.52	U
92-52-4	Biphenyl	ND	2.0	0.24	U
106-47-8	4-Chloroaniline	ND	5.0	0.84	U
88-74-4	2-Nitroaniline	ND	5.0	0.96	U
99-09-2	3-Nitroaniline	ND	5.0	0.67	U
100-01-6	4-Nitroaniline	ND	5.0	0.83	U

Form 1
SemiVolatile Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-27	Date Collected :	10/02/15 11:30
Client ID	: FB	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 01:08
Sample Matrix	: WATER	Date Extracted :	10/08/15
Analytical Method	: 1,8270D	Dilution Factor :	1
Lab File ID	: 24941-27	Analyst	: AS
Sample Amount	: 1000 ml	Instrument ID	: JULIET.I
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	2.0	0.22	U
91-57-6	2-Methylnaphthalene	ND	2.0	0.36	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.36	U
98-86-2	Acetophenone	ND	5.0	0.43	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	0.78	U
59-50-7	P-Chloro-M-Cresol	ND	2.0	0.54	U
95-57-8	2-Chlorophenol	ND	2.0	0.58	U
120-83-2	2,4-Dichlorophenol	ND	5.0	0.56	U
105-67-9	2,4-Dimethylphenol	ND	5.0	0.58	U
88-75-5	2-Nitrophenol	ND	10	1.0	U
100-02-7	4-Nitrophenol	ND	10	1.1	U
51-28-5	2,4-Dinitrophenol	ND	20	1.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.4	U
87-86-5	Pentachlorophenol	ND	10	3.2	U
108-95-2	Phenol	ND	5.0	0.27	U
95-48-7	2-Methylphenol	ND	5.0	0.70	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	0.72	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	0.75	U
65-85-0	Benzoic Acid	ND	50	1.0	U
100-51-6	Benzyl Alcohol	ND	2.0	0.68	U
86-74-8	Carbazole	ND	2.0	0.37	U

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:35
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-26	Analyst	: JT
Sample Amount	: 15.8 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	39.4	3.11	U
11104-28-2	Aroclor 1221	ND	39.4	3.63	U
11141-16-5	Aroclor 1232	ND	39.4	4.61	U
53469-21-9	Aroclor 1242	ND	39.4	4.82	U
12672-29-6	Aroclor 1248	ND	39.4	3.32	U
11097-69-1	Aroclor 1254	14.2	39.4	3.24	J
11096-82-5	Aroclor 1260	ND	39.4	3.00	U
37324-23-5	Aroclor 1262	ND	39.4	1.95	U
11100-14-4	Aroclor 1268	ND	39.4	5.71	U
1336-36-3	PCBs, Total	14.2	39.4	1.95	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:52
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-27	Analyst	: JT
Sample Amount	: 15.28 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.4	3.04	U
11104-28-2	Aroclor 1221	ND	38.4	3.54	U
11141-16-5	Aroclor 1232	ND	38.4	4.51	U
53469-21-9	Aroclor 1242	ND	38.4	4.71	U
12672-29-6	Aroclor 1248	ND	38.4	3.24	U
11096-82-5	Aroclor 1260	ND	38.4	2.93	U
37324-23-5	Aroclor 1262	ND	38.4	1.91	U
11100-14-4	Aroclor 1268	ND	38.4	5.58	U
1336-36-3	PCBs, Total	21.7	38.4	1.91	J

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 16:52
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-27	Analyst	: JT
Sample Amount	: 15.28 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
11097-69-1	Aroclor 1254	21.7	38.4	3.16	J	J

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:08
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-28	Analyst	: JT
Sample Amount	: 15.32 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	38.0	3.00	U
11104-28-2	Aroclor 1221	ND	38.0	3.51	U
11141-16-5	Aroclor 1232	ND	38.0	4.46	U
53469-21-9	Aroclor 1242	ND	38.0	4.66	U
12672-29-6	Aroclor 1248	ND	38.0	3.21	U
11096-82-5	Aroclor 1260	ND	38.0	2.90	U
37324-23-5	Aroclor 1262	ND	38.0	1.89	U
11100-14-4	Aroclor 1268	ND	38.0	5.52	U
1336-36-3	PCBs, Total	35.6	38.0	1.89	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected :	10/02/15 11:10
Client ID	: SP-103-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/08/15 17:08
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8082A	Dilution Factor :	1
Lab File ID	: p7151008-28	Analyst	: JT
Sample Amount	: 15.32 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	35.6	38.0	3.13	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:24
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-29	Analyst	: JT
Sample Amount	: 15.63 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	36.7	2.90	U
11104-28-2	Aroclor 1221	ND	36.7	3.38	U
11141-16-5	Aroclor 1232	ND	36.7	4.30	U
53469-21-9	Aroclor 1242	ND	36.7	4.49	U
12672-29-6	Aroclor 1248	ND	36.7	3.10	U
37324-23-5	Aroclor 1262	ND	36.7	1.82	U
1336-36-3	PCBs, Total	52.2	36.7	1.82	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:24
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-29	Analyst	: JT
Sample Amount	: 15.63 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	28.3	36.7	3.02	J
11096-82-5	Aroclor 1260	12.2	36.7	2.80	J
11100-14-4	Aroclor 1268	11.7	36.7	5.32	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:40
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-30	Analyst	: JT
Sample Amount	: 15.32 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	37.9	2.99	U
11104-28-2	Aroclor 1221	ND	37.9	3.49	U
11141-16-5	Aroclor 1232	ND	37.9	4.44	U
53469-21-9	Aroclor 1242	ND	37.9	4.63	U
12672-29-6	Aroclor 1248	ND	37.9	3.20	U
11096-82-5	Aroclor 1260	8.29	37.9	2.88	J
37324-23-5	Aroclor 1262	ND	37.9	1.88	U
1336-36-3	PCBs, Total	36.8	37.9	1.88	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:40
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-30	Analyst	: JT
Sample Amount	: 15.32 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	20.2	37.9	3.11	J
11100-14-4	Aroclor 1268	8.29	37.9	5.49	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP OF SP-105-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:57
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-31	Analyst	: JT
Sample Amount	: 15.72 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	35.6	2.81	U
11104-28-2	Aroclor 1221	ND	35.6	3.28	U
11141-16-5	Aroclor 1232	ND	35.6	4.17	U
53469-21-9	Aroclor 1242	ND	35.6	4.36	U
12672-29-6	Aroclor 1248	ND	35.6	3.01	U
37324-23-5	Aroclor 1262	ND	35.6	1.77	U
1336-36-3	PCBs, Total	59.5	35.6	1.77	~~J~~ J

JOP 10/12/15

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP OF SP-105-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 17:57
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-31	Analyst	: JT
Sample Amount	: 15.72 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	34.4	35.6	2.93	J
11096-82-5	Aroclor 1260	14.4	35.6	2.71	~~J~~ J
11100-14-4	Aroclor 1268	10.7	35.6	5.16	~~J~~ J

10/12/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22	Date Collected	: 10/02/15 11:40
Client ID	: SP-106-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 18:13
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-32	Analyst	: JT
Sample Amount	: 15.39 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	39.0	3.08	U
11104-28-2	Aroclor 1221	ND	39.0	3.59	U
11141-16-5	Aroclor 1232	ND	39.0	4.56	U
53469-21-9	Aroclor 1242	ND	39.0	4.77	U
12672-29-6	Aroclor 1248	ND	39.0	3.29	U
11097-69-1	Aroclor 1254	27.4	39.0	3.20	J
37324-23-5	Aroclor 1262	ND	39.0	1.93	U
1336-36-3	PCBs, Total	55.7	39.0	1.93	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22	Date Collected :	10/02/15 11:40
Client ID	: SP-106-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/08/15 18:13
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8082A	Dilution Factor :	1
Lab File ID	: p7151008-32	Analyst	: JT
Sample Amount	: 15.39 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11096-82-5	Aroclor 1260	13.6	39.0	2.97	J
11100-14-4	Aroclor 1268	14.7	39.0	5.65	J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 18:29
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: p7151008-33	Analyst	: JT
Sample Amount	: 15.75 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	39.0	3.08	U
11104-28-2	Aroclor 1221	ND	39.0	3.60	U
11141-16-5	Aroclor 1232	ND	39.0	4.57	U
53469-21-9	Aroclor 1242	ND	39.0	4.77	U
12672-29-6	Aroclor 1248	ND	39.0	3.29	U
37324-23-5	Aroclor 1262	ND	39.0	1.93	U
1336-36-3	PCBs, Total	65.3	39.0	1.93	~~J~~ J

JD 4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25	Date Collected :	10/02/15 11:45
Client ID	: SP-107-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/08/15 18:29
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8082A	Dilution Factor :	1
Lab File ID	: p7151008-33	Analyst	: JT
Sample Amount	: 15.75 g	Instrument ID	: PEST7
Extraction Method	: EPA 3546	GC Column	: CLP-PesticideII
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
11097-69-1	Aroclor 1254	35.4	39.0	3.20	J
11096-82-5	Aroclor 1260	18.4	39.0	2.97	J
11100-14-4	Aroclor 1268	11.5	39.0	5.66	~~J~~ J

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/07/15 15:06
Sample Matrix	: WATER	Date Extracted	: 10/06/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16151007-10	Analyst	: JT
Sample Amount	: 1200 ml	Instrument ID	: PEST16
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.055	U
11104-28-2	Aroclor 1221	ND	0.083	0.053	U
11141-16-5	Aroclor 1232	ND	0.083	0.031	U
53469-21-9	Aroclor 1242	ND	0.083	0.060	U
12672-29-6	Aroclor 1248	ND	0.083	0.051	U
11097-69-1	Aroclor 1254	ND	0.083	0.034	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.029	U
11100-14-4	Aroclor 1268	ND	0.083	0.038	U
1336-36-3	PCBs, Total	ND	0.083	0.029	U

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: WG828347-1	Date Collected	: NA
Client ID	: WG828347-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 10/07/15 16:49
Sample Matrix	: WATER	Date Extracted	: 10/06/15
Analytical Method	: 1,8082A	Dilution Factor	: 1
Lab File ID	: 16151007-17	Analyst	: JT
Sample Amount	: 1200 ml	Instrument ID	: PEST16
Extraction Method	: EPA 3510C	GC Column	: CLP-Pesticide
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: Y		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
12674-11-2	Aroclor 1016	ND	0.083	0.055	U
11104-28-2	Aroclor 1221	ND	0.083	0.053	U
11141-16-5	Aroclor 1232	ND	0.083	0.031	U
53469-21-9	Aroclor 1242	ND	0.083	0.060	U
12672-29-6	Aroclor 1248	ND	0.083	0.051	U
11097-69-1	Aroclor 1254	ND	0.083	0.034	U
11096-82-5	Aroclor 1260	ND	0.083	0.032	U
37324-23-5	Aroclor 1262	ND	0.083	0.029	U
11100-14-4	Aroclor 1268	ND	0.083	0.038	U
1336-36-3	PCBs, Total	ND	0.083	0.029	U

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 15:25
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15151008-23	Analyst	: AM
Sample Amount	: 15.28 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.95	0.382	U
58-89-9	Lindane	ND	0.814	0.364	U
319-84-6	Alpha-BHC	ND	0.814	0.231	U
319-85-7	Beta-BHC	ND	1.95	0.741	U
76-44-8	Heptachlor	ND	0.977	0.438	U
309-00-2	Aldrin	ND	1.95	0.688	U
1024-57-3	Heptachlor epoxide	ND	3.66	1.10	U
72-20-8	Endrin	ND	0.814	0.334	U
53494-70-5	Endrin ketone	ND	1.95	0.503	U
60-57-1	Dieldrin	ND	1.22	0.610	U
72-55-9	4,4'-DDE	ND	1.95	0.452	U
50-29-3	4,4'-DDT	4.20	3.66	1.57	J
959-98-8	Endosulfan I	ND	1.95	0.462	U
33213-65-9	Endosulfan II	ND	1.95	0.653	U
1031-07-8	Endosulfan sulfate	ND	0.814	0.387	U
72-43-5	Methoxychlor	ND	3.66	1.14	U
8001-35-2	Toxaphene	ND	36.6	10.2	U
5103-71-9	cis-Chlordane	2.44	2.44	0.680	
5103-74-2	trans-Chlordane	ND	2.44	0.645	U

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ALPHA ANALYTICAL

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 15:25
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 15151008-23	Analyst	: AM
Sample Amount	: 15.28 g	Instrument ID	: PEST15
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-54-8	4,4'-DDD	3.50	1.95	0.697	J
57-74-9	Chlordane	36.2	15.9	6.47	

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:17
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-35	Analyst	: SS
Sample Amount	: 15.72 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.79	0.351	U
58-89-9	Lindane	ND	0.748	0.334	U
319-84-6	Alpha-BHC	ND	0.748	0.212	U
319-85-7	Beta-BHC	ND	1.79	0.660	U
76-44-8	Heptachlor	ND	0.897	0.402	U
309-00-2	Aldrin	ND	1.79	0.632	U
1024-57-3	Heptachlor epoxide	ND	3.36	1.01	U
72-20-8	Endrin	ND	0.748	0.306	U
60-57-1	Dieldrin	ND	1.12	0.561	U
72-54-8	4,4'-DDD	14.9	1.79	0.640	
50-29-3	4,4'-DDT	3.38	3.36	1.44	~~PI~~ J
959-98-8	Endosulfan I	ND	1.79	0.424	U
33213-65-9	Endosulfan II	ND	1.79	0.600	U
1031-07-8	Endosulfan sulfate	ND	0.748	0.356	U
72-43-5	Methoxychlor	ND	3.36	1.05	U
8001-35-2	Toxaphene	ND	33.6	9.42	U

SDV 4/13/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-07	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:17
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-35	Analyst	: SS
Sample Amount	: 15.72 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 85
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53494-70-5	Endrin ketone	8.08	1.79	0.462	
72-55-9	4,4'-DDE	6.78	1.79	0.415	
5103-71-9	cis-Chlordane	4.62	2.24	0.625	
5103-74-2	trans-Chlordane	2.43	2.24	0.592	
57-74-9	Chlordane	63.3	14.6	5.94	PI J

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:30
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-36	Analyst	: SS
Sample Amount	: 15.64 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	1.26	1.79	0.350	~~J~~ J
58-89-9	Lindane	ND	0.745	0.333	U
319-84-6	Alpha-BHC	ND	0.745	0.212	U
319-85-7	Beta-BHC	ND	1.79	0.678	U
76-44-8	Heptachlor	ND	0.894	0.401	U
309-00-2	Aldrin	ND	1.79	0.630	U
1024-57-3	Heptachlor epoxide	ND	3.35	1.01	U
60-57-1	Dieldrin	ND	1.12	0.559	U
72-55-9	4,4'-DDE	6.75	1.79	0.414	J
50-29-3	4,4'-DDT	5.13	3.35	1.44	~~PI~~ J
959-98-8	Endosulfan I	ND	1.79	0.422	U
33213-65-9	Endosulfan II	ND	1.79	0.598	U
1031-07-8	Endosulfan sulfate	ND	0.745	0.355	U
72-43-5	Methoxychlor	ND	3.35	1.04	U
8001-35-2	Toxaphene	ND	33.5	9.39	U
5103-71-9	cis-Chlordane	4.62	2.24	0.623	
5103-74-2	trans-Chlordane	4.14	2.24	0.590	

JM 4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:30
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-36	Analyst	: SS
Sample Amount	: 15.64 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
72-20-8	Endrin	1.58	0.745	0.306	~~PI~~ J
53494-70-5	Endrin ketone	7.13	1.79	0.460	
72-54-8	4,4'-DDD	13.2	1.79	0.638	
57-74-9	Chlordane	114	14.5	5.92	

JO 10/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:43
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-37	Analyst	: SS
Sample Amount	: 15.93 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-89-9	Lindane	ND	0.720	0.322	U
319-84-6	Alpha-BHC	ND	0.720	0.204	U
319-85-7	Beta-BHC	ND	1.73	0.655	U
76-44-8	Heptachlor	ND	0.864	0.387	U
309-00-2	Aldrin	ND	1.73	0.608	U
1024-57-3	Heptachlor epoxide	ND	3.24	0.972	U
53494-70-5	Endrin ketone	ND	1.73	0.445	U
60-57-1	Dieldrin	ND	1.08	0.540	U
72-55-9	4,4'-DDE	8.50	1.73	0.400	J
72-54-8	4,4'-DDD	ND	1.73	0.616	U
50-29-3	4,4'-DDT	3.30	3.24	1.39	~~PI~~ J
959-98-8	Endosulfan I	ND	1.73	0.408	U
33213-65-9	Endosulfan II	ND	1.73	0.577	U
1031-07-8	Endosulfan sulfate	ND	0.720	0.343	U
72-43-5	Methoxychlor	ND	3.24	1.01	U
8001-35-2	Toxaphene	ND	32.4	9.07	U

10/14/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-14	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:43
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-37	Analyst	: SS
Sample Amount	: 15.93 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 87
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	1.36	1.73	0.338	J
72-20-8	Endrin	3.12	0.720	0.295	~~PI~~ J
5103-71-9	cis-Chlordane	5.10	2.16	0.602	
5103-74-2	trans-Chlordane	4.05	2.16	0.570	~~PI~~ J
57-74-9	Chlordane	136	14.0	5.72	J

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-17	Date Collected :	10/02/15 11:30
Client ID	: SP-105-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 03:56
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8081B	Dilution Factor :	1
Lab File ID	: 17151008a-38	Analyst	: SS
Sample Amount	: 15.32 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	1.82	0.356	U
58-89-9	Lindane	ND	0.757	0.338	U
319-84-6	Alpha-BHC	ND	0.757	0.215	U
319-85-7	Beta-BHC	ND	1.82	0.689	U
76-44-8	Heptachlor	ND	0.909	0.407	U
309-00-2	Aldrin	ND	1.82	0.640	U
1024-57-3	Heptachlor epoxide	ND	3.41	1.02	U
72-20-8	Endrin	0.719	0.757	0.310	~~JPI~~ J
60-57-1	Dieldrin	ND	1.14	0.568	U
72-55-9	4,4'-DDE	5.75	1.82	0.420	
50-29-3	4,4'-DDT	ND	3.41	1.46	U
959-98-8	Endosulfan I	ND	1.82	0.429	U
33213-65-9	Endosulfan II	ND	1.82	0.607	U
1031-07-8	Endosulfan sulfate	ND	0.757	0.360	U
72-43-5	Methoxychlor	ND	3.41	1.06	U
8001-35-2	Toxaphene	ND	34.1	9.54	U
5103-74-2	trans-Chlordane	2.57	2.27	0.600	
57-74-9	Chlordane	39.8	14.8	6.02	~~PI~~ J

10/7/15/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-17	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 03:56
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-38	Analyst	: SS
Sample Amount	: 15.32 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
53494-70-5	Endrin ketone	5.74	1.82	0.468	
72-54-8	4,4'-DDD	9.34	1.82	0.648	
5103-71-9	cis-Chlordane	2.58	2.27	0.633	

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP of SP-105-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 04:09
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-39	Analyst	: SS
Sample Amount	: 15.77 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	1.03	1.70	0.334	~~J~~ J
58-89-9	Lindane	ND	0.710	0.317	U
319-84-6	Alpha-BHC	ND	0.710	0.202	U
319-85-7	Beta-BHC	ND	1.70	0.646	U
76-44-8	Heptachlor	ND	0.852	0.382	U
309-00-2	Aldrin	ND	1.70	0.600	U
1024-57-3	Heptachlor epoxide	ND	3.20	0.959	U
72-20-8	Endrin	6.24	0.710	0.291	J
53494-70-5	Endrin ketone	ND	1.70	0.439	U
60-57-1	Dieldrin	ND	1.06	0.532	U
72-55-9	4,4'-DDE	7.66	1.70	0.394	
72-54-8	4,4'-DDD	ND	1.70	0.608	U
50-29-3	4,4'-DDT	3.33	3.20	1.37	~~PI~~ J
959-98-8	Endosulfan I	ND	1.70	0.403	U
33213-65-9	Endosulfan II	ND	1.70	0.569	U
1031-07-8	Endosulfan sulfate	ND	0.710	0.338	U
72-43-5	Methoxychlor	ND	3.20	0.994	U
8001-35-2	Toxaphene	ND	32.0	8.95	U
5103-71-9	cis-Chlordane	ND	2.13	0.594	U

4/12/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-18	Date Collected :	10/02/15 11:40
Client ID	: SP-DUP (DUP of SP-105-C)	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 04:09
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8081B	Dilution Factor :	1
Lab File ID	: 17151008a-39	Analyst	: SS
Sample Amount	: 15.77 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
5103-74-2	trans-Chlordane	6.80	2.13	0.562	
57-74-9	Chlordane	102	13.8	5.64	J

4/12/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22	Date Collected :	10/02/15 11:40
Client ID	: SP-106-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 04:22
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8081B	Dilution Factor :	1
Lab File ID	: 17151008a-40	Analyst	: SS
Sample Amount	: 15.78 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier	
319-86-8	Delta-BHC	ND	1.82	0.357	U	
58-89-9	Lindane	ND	0.760	0.340	U	
319-84-6	Alpha-BHC	ND	0.760	0.216	U	
319-85-7	Beta-BHC	ND	1.82	0.691	U	
76-44-8	Heptachlor	ND	0.912	0.409	U	
309-00-2	Aldrin	ND	1.82	0.642	U	
1024-57-3	Heptachlor epoxide	ND	3.42	1.02	U	
72-20-8	Endrin	ND	0.760	0.312	U	
53494-70-5	Endrin ketone	6.34	1.82	0.470	~~PI~~	J
60-57-1	Dieldrin	ND	1.14	0.570	U	
72-55-9	4,4'-DDE	6.58	1.82	0.422		
72-54-8	4,4'-DDD	ND	1.82	0.650	U	
50-29-3	4,4'-DDT	5.94	3.42	1.47	~~PI~~	J
959-98-8	Endosulfan I	ND	1.82	0.431	U	
33213-65-9	Endosulfan II	ND	1.82	0.609	U	
1031-07-8	Endosulfan sulfate	ND	0.760	0.362	U	
72-43-5	Methoxychlor	ND	3.42	1.06	U	
8001-35-2	Toxaphene	ND	34.2	9.57	U	
5103-74-2	trans-Chlordane	3.70	2.28	0.602		
57-74-9	Chlordane	52.7	14.8	6.04	~~PI~~	J

PO 7/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-22	Date Collected :	10/02/15 11:40
Client ID	: SP-106-C	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 04:22
Sample Matrix	: SOIL	Date Extracted :	10/07/15
Analytical Method	: 1,8081B	Dilution Factor :	1
Lab File ID	: 17151008a-40	Analyst	: SS
Sample Amount	: 15.78 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
5103-71-9	cis-Chlordane	3.53	2.28	0.635	J

4/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 04:35
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-41	Analyst	: SS
Sample Amount	: 15.3 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticides
Extract Volume	: 10000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-89-9	Lindane	ND	0.803	0.359	U
319-84-6	Alpha-BHC	ND	0.803	0.228	U
319-85-7	Beta-BHC	ND	1.93	0.731	U
76-44-8	Heptachlor	ND	0.964	0.432	U
309-00-2	Aldrin	ND	1.93	0.678	U
1024-57-3	Heptachlor epoxide	ND	3.61	1.08	U
53494-70-5	Endrin ketone	ND	1.93	0.496	U
60-57-1	Dieldrin	ND	1.20	0.602	U
72-55-9	4,4'-DDE	6.68	1.93	0.446	J
72-54-8	4,4'-DDD	ND	1.93	0.687	U
50-29-3	4,4'-DDT	3.00	3.61	1.55	~~JPT~~ J
959-98-8	Endosulfan I	ND	1.93	0.455	U
33213-65-9	Endosulfan II	ND	1.93	0.644	U
1031-07-8	Endosulfan sulfate	ND	0.803	0.382	U
72-43-5	Methoxychlor	ND	3.61	1.12	U
8001-35-2	Toxaphene	ND	36.1	10.1	U
5103-71-9	cis-Chlordane	ND	2.41	0.671	U
5103-74-2	trans-Chlordane	4.14	2.41	0.636	

10/5/15 10/7/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-25	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/09/15 04:35
Sample Matrix	: SOIL	Date Extracted	: 10/07/15
Analytical Method	: 1,8081B	Dilution Factor	: 1
Lab File ID	: 17151008a-41	Analyst	: SS
Sample Amount	: 15.3 g	Instrument ID	: PEST17
Extraction Method	: EPA 3546	GC Column	: CLPPesticidesII
Extract Volume	: 10000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	0.740	1.93	0.377	J
72-20-8	Endrin	2.07	0.803	0.329	~~PI~~ J
57-74-9	Chlordane	71.6	15.6	6.38	J

10/17/16

Form 1
GC Organics

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number:	80305
Lab ID	: L1524941-27	Date Collected :	10/02/15 11:30
Client ID	: FB	Date Received :	10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed :	10/09/15 03:04
Sample Matrix	: WATER	Date Extracted :	10/08/15
Analytical Method	: 1,8081B	Dilution Factor :	1
Lab File ID	: 17151008a-34	Analyst	: SS
Sample Amount	: 500 ml	Instrument ID	: PEST17
Extraction Method	: EPA 3510C	GC Column	: CLPPesticides
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	1 uL
Sulfur Cleanup	: N		

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier
319-86-8	Delta-BHC	ND	0.020	0.005	U
58-89-9	Lindane	ND	0.020	0.004	U
319-84-6	Alpha-BHC	ND	0.020	0.004	U
319-85-7	Beta-BHC	ND	0.020	0.006	U
76-44-8	Heptachlor	ND	0.020	0.003	U
309-00-2	Aldrin	ND	0.020	0.002	U
1024-57-3	Heptachlor epoxide	ND	0.020	0.004	U
72-20-8	Endrin	ND	0.040	0.004	U
53494-70-5	Endrin ketone	ND	0.040	0.005	U
60-57-1	Dieldrin	ND	0.040	0.004	U
72-55-9	4,4'-DDE	ND	0.040	0.004	U
72-54-8	4,4'-DDD	ND	0.040	0.005	U
50-29-3	4,4'-DDT	ND	0.040	0.004	U
959-98-8	Endosulfan I	ND	0.020	0.003	U
33213-65-9	Endosulfan II	ND	0.040	0.005	U
1031-07-8	Endosulfan sulfate	ND	0.040	0.005	U
72-43-5	Methoxychlor	ND	0.200	0.007	U
8001-35-2	Toxaphene	ND	0.200	0.063	U
5103-71-9	cis-Chlordane	ND	0.020	0.007	U
5103-74-2	trans-Chlordane	ND	0.020	0.006	U
57-74-9	Chlordane	ND	0.200	0.046	U

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-03	Date Collected	: 10/02/15 11:00
Client ID	: SP-101-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 06:45
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.262g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5900	9.8	2.0	
7440-36-0	Antimony, Total	1.4	4.9	0.79	J
7440-38-2	Arsenic, Total	16	0.98	0.20	
7440-39-3	Barium, Total	44	0.98	0.30	
7440-41-7	Beryllium, Total	0.30	0.49	0.10	J
7440-43-9	Cadmium, Total	ND	0.98	0.07	U
7440-70-2	Calcium, Total	5100	9.8	3.0	
7440-47-3	Chromium, Total	30	0.98	0.20	
7440-48-4	Cobalt, Total	23	2.0	0.49	
7440-50-8	Copper, Total	32	0.98	0.20	
7439-89-6	Iron, Total	22000	4.9	2.0	
7439-92-1	Lead, Total	51	4.9	0.20	
7439-95-4	Magnesium, Total	34000	9.8	0.98	
7439-96-5	Manganese, Total	350	0.98	0.20	
7440-02-0	Nickel, Total	420	2.5	0.39	
7440-09-7	Potassium, Total	2100	250	39.	
7782-49-2	Selenium, Total	ND	2.0	0.30	U
7440-22-4	Silver, Total	ND	0.98	0.20	U
7440-23-5	Sodium, Total	770	200	30.	
7440-28-0	Thallium, Total	ND	2.0	0.39	U
7440-62-2	Vanadium, Total	19	0.98	0.10	
7440-66-6	Zinc, Total	60	4.9	0.69	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-07	Date Collected	: 10/02/15 11:05
Client ID	: SP-102-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 14:53
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: PS
Lab File ID	: 100815.txt_t4.txt	Instrument ID	: TRACE4
Sample Amount	: 1.264g	%Solids	: 85
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4600	9.3	1.8	
7440-36-0	Antimony, Total	1.4	4.6	0.74	J
7440-38-2	Arsenic, Total	14	0.93	0.18	
7440-39-3	Barium, Total	50	0.93	0.28	
7440-41-7	Beryllium, Total	0.30	0.46	0.09	J
7440-43-9	Cadmium, Total	ND	0.93	0.07	U
7440-70-2	Calcium, Total	5000	9.3	2.8	
7440-47-3	Chromium, Total	42	0.93	0.18	
7440-48-4	Cobalt, Total	26	1.8	0.46	
7440-50-8	Copper, Total	55	0.93	0.18	
7439-89-6	Iron, Total	22000	4.6	1.8	
7439-92-1	Lead, Total	47	4.6	0.18	
7439-95-4	Magnesium, Total	34000	9.3	0.93	
7439-96-5	Manganese, Total	230	0.93	0.18	
7440-02-0	Nickel, Total	540	2.3	0.37	
7440-09-7	Potassium, Total	670	230	37.	
7782-49-2	Selenium, Total	ND	1.8	0.28	U
7440-22-4	Silver, Total	ND	0.93	0.18	U
7440-23-5	Sodium, Total	950	180	28.	
7440-28-0	Thallium, Total	ND	1.8	0.37	U
7440-62-2	Vanadium, Total	20	0.93	0.09	
7440-66-6	Zinc, Total	86	4.6	0.65	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-10	Date Collected	: 10/02/15 11:10
Client ID	: SP-103-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 06:26
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.27g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5000	9.2	1.8	
7440-36-0	Antimony, Total	3.1	4.6	0.73	J
7440-38-2	Arsenic, Total	40	0.92	0.18	
7440-39-3	Barium, Total	61	0.92	0.28	
7440-41-7	Beryllium, Total	0.31	0.46	0.09	J
7440-43-9	Cadmium, Total	0.38	0.92	0.06	J
7440-70-2	Calcium, Total	11000	9.2	2.8	
7440-47-3	Chromium, Total	21	0.92	0.18	
7440-48-4	Cobalt, Total	14	1.8	0.46	
7440-50-8	Copper, Total	2600	0.92	0.18	
7439-89-6	Iron, Total	20000	4.6	1.8	
7439-92-1	Lead, Total	170	4.6	0.18	
7439-95-4	Magnesium, Total	18000	9.2	0.92	
7439-96-5	Manganese, Total	280	0.92	0.18	
7440-02-0	Nickel, Total	260	2.3	0.37	
7440-09-7	Potassium, Total	900	230	37.	
7782-49-2	Selenium, Total	ND	1.8	0.28	U
7440-22-4	Silver, Total	ND	0.92	0.18	U
7440-23-5	Sodium, Total	660	180	28.	
7440-28-0	Thallium, Total	ND	1.8	0.37	U
7440-62-2	Vanadium, Total	23	0.92	0.09	
7440-66-6	Zinc, Total	740	4.6	0.64	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-14	Date Collected	: 10/02/15 11:15
Client ID	: SP-104-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 07:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.278g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	5600	9.0	1.8	
7440-36-0	Antimony, Total	2.2	4.5	0.72	J
7440-38-2	Arsenic, Total	29	0.90	0.18	
7440-39-3	Barium, Total	71	0.90	0.27	
7440-41-7	Beryllium, Total	0.33	0.45	0.09	J
7440-43-9	Cadmium, Total	ND	0.90	0.06	U
7440-70-2	Calcium, Total	11000	9.0	2.7	
7440-47-3	Chromium, Total	25	0.90	0.18	
7440-48-4	Cobalt, Total	13	1.8	0.45	
7440-50-8	Copper, Total	80	0.90	0.18	
7439-89-6	Iron, Total	22000	4.5	1.8	
7439-92-1	Lead, Total	140	4.5	0.18	
7439-95-4	Magnesium, Total	18000	9.0	0.90	
7439-96-5	Manganese, Total	310	0.90	0.18	
7440-02-0	Nickel, Total	200	2.2	0.36	
7440-09-7	Potassium, Total	1000	220	36.	
7782-49-2	Selenium, Total	ND	1.8	0.27	U
7440-22-4	Silver, Total	ND	0.90	0.18	U
7440-23-5	Sodium, Total	820	180	27.	
7440-28-0	Thallium, Total	ND	1.8	0.36	U
7440-62-2	Vanadium, Total	24	0.90	0.09	
7440-66-6	Zinc, Total	140	4.5	0.63	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-17	Date Collected	: 10/02/15 11:30
Client ID	: SP-105-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 07:25
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.284g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4800	9.0	1.8	
7440-36-0	Antimony, Total	1.9	4.5	0.72	J
7440-38-2	Arsenic, Total	26	0.90	0.18	J
7440-39-3	Barium, Total	55	0.90	0.27	
7440-41-7	Beryllium, Total	0.32	0.45	0.09	J
7440-43-9	Cadmium, Total	ND	0.90	0.06	U
7440-70-2	Calcium, Total	13000	9.0	2.7	
7440-47-3	Chromium, Total	24	0.90	0.18	
7440-48-4	Cobalt, Total	16	1.8	0.45	
7440-50-8	Copper, Total	68	0.90	0.18	
7439-89-6	Iron, Total	19000	4.5	1.8	
7439-92-1	Lead, Total	100	4.5	0.18	
7439-95-4	Magnesium, Total	24000	9.0	0.90	
7439-96-5	Manganese, Total	280	0.90	0.18	
7440-02-0	Nickel, Total	250	2.2	0.36	
7440-09-7	Potassium, Total	1000	220	36.	
7782-49-2	Selenium, Total	ND	1.8	0.27	U
7440-22-4	Silver, Total	ND	0.90	0.18	U
7440-23-5	Sodium, Total	920	180	27.	
7440-28-0	Thallium, Total	ND	1.8	0.36	U
7440-62-2	Vanadium, Total	20	0.90	0.09	
7440-66-6	Zinc, Total	120	4.5	0.63	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-18	Date Collected	: 10/02/15 11:40
Client ID	: SP-DUP (DUP OF SP-10S-C)	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 07:29
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.276g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

CAS NO.	Parameter	mg/kg Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4800	8.8	1.8	
7440-36-0	Antimony, Total	2.7	4.4	0.70	J
7440-38-2	Arsenic, Total	68	0.88	0.18	J
7440-39-3	Barium, Total	52	0.88	0.26	
7440-41-7	Beryllium, Total	0.28	0.44	0.09	J
7440-43-9	Cadmium, Total	ND	0.88	0.06	U
7440-70-2	Calcium, Total	19000	8.8	2.6	
7440-47-3	Chromium, Total	21	0.88	0.18	
7440-48-4	Cobalt, Total	16	1.8	0.44	
7440-50-8	Copper, Total	69	0.88	0.18	
7439-89-6	Iron, Total	25000	4.4	1.8	
7439-92-1	Lead, Total	88	4.4	0.18	
7439-95-4	Magnesium, Total	30000	8.8	0.88	
7439-96-5	Manganese, Total	300	0.88	0.18	
7440-02-0	Nickel, Total	260	2.2	0.35	
7440-09-7	Potassium, Total	1300	220	35.	
7782-49-2	Selenium, Total	ND	1.8	0.26	U
7440-22-4	Silver, Total	ND	0.88	0.18	U
7440-23-5	Sodium, Total	750	180	26.	
7440-28-0	Thallium, Total	ND	1.8	0.35	U
7440-62-2	Vanadium, Total	19	0.88	0.09	
7440-66-6	Zinc, Total	100	4.4	0.61	

4/12/16

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-22	Date Collected	: 10/02/15 11:40
Client ID	: SP-106-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 07:33
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.262g	%Solids	: 83
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	4900	9.5	1.9	
7440-36-0	Antimony, Total	3.1	4.8	0.76	J
7440-38-2	Arsenic, Total	51	0.95	0.19	
7440-39-3	Barium, Total	69	0.95	0.28	
7440-41-7	Beryllium, Total	0.34	0.48	0.10	J
7440-43-9	Cadmium, Total	2.6	0.95	0.07	
7440-70-2	Calcium, Total	13000	9.5	2.8	
7440-47-3	Chromium, Total	28	0.95	0.19	
7440-48-4	Cobalt, Total	19	1.9	0.48	
7440-50-8	Copper, Total	5200	0.95	0.19	
7439-89-6	Iron, Total	27000	4.8	1.9	
7439-92-1	Lead, Total	160	4.8	0.19	
7439-95-4	Magnesium, Total	33000	9.5	0.95	
7439-96-5	Manganese, Total	370	0.95	0.19	
7440-02-0	Nickel, Total	360	2.4	0.38	
7440-09-7	Potassium, Total	890	240	38.	
7782-49-2	Selenium, Total	ND	1.9	0.28	U
7440-22-4	Silver, Total	ND	0.95	0.19	U
7440-23-5	Sodium, Total	830	190	28.	
7440-28-0	Thallium, Total	ND	1.9	0.38	U
7440-62-2	Vanadium, Total	24	0.95	0.10	
7440-66-6	Zinc, Total	1700	4.8	0.66	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-25	Date Collected	: 10/02/15 11:45
Client ID	: SP-107-C	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 07:37
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: 100715_rev.txt_t5.txt	Instrument ID	: TRACE5
Sample Amount	: 1.268g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 10/06/15

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	6500	9.7	1.9	
7440-36-0	Antimony, Total	2.2	4.8	0.78	J
7440-38-2	Arsenic, Total	30	0.97	0.19	
7440-39-3	Barium, Total	60	0.97	0.29	
7440-41-7	Beryllium, Total	0.31	0.48	0.10	J
7440-43-9	Cadmium, Total	ND	0.97	0.07	U
7440-70-2	Calcium, Total	35000	9.7	2.9	
7440-47-3	Chromium, Total	30	0.97	0.19	
7440-48-4	Cobalt, Total	18	1.9	0.48	
7440-50-8	Copper, Total	78	0.97	0.19	
7439-89-6	Iron, Total	22000	4.8	1.9	
7439-92-1	Lead, Total	140	4.8	0.19	
7439-95-4	Magnesium, Total	44000	9.7	0.97	
7439-96-5	Manganese, Total	360	0.97	0.19	
7440-02-0	Nickel, Total	300	2.4	0.39	
7440-09-7	Potassium, Total	1000	240	39.	
7782-49-2	Selenium, Total	ND	1.9	0.29	U
7440-22-4	Silver, Total	ND	0.97	0.19	U
7440-23-5	Sodium, Total	870	190	29.	
7440-28-0	Thallium, Total	ND	1.9	0.39	U
7440-62-2	Vanadium, Total	20	0.97	0.10	
7440-66-6	Zinc, Total	120	4.8	0.68	

Form 1
METALS

Client	: AKRF, Inc.	Lab Number	: L1524941
Project Name	: THE NEW YORK WHEEL LLC	Project Number	: 80305
Lab ID	: L1524941-27	Date Collected	: 10/02/15 11:30
Client ID	: FB	Date Received	: 10/02/15
Sample Location	: 1 BANK ST., STATEN ISLAND	Date Analyzed	: 10/08/15 08:15
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6010C	Analyst	: MC
Lab File ID	: WG828728.pdf	Instrument ID	: TRACE5
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 10/06/15

CAS NO.	Parameter	mg/l Results	RL	MDL	Qualifier
7429-90-5	Aluminum, Total	ND	0.10	0.020	U
7440-36-0	Antimony, Total	ND	0.0500	0.0080	U
7440-38-2	Arsenic, Total	ND	0.0050	0.0020	U
7440-39-3	Barium, Total	ND	0.0100	0.0030	U
7440-41-7	Beryllium, Total	ND	0.0050	0.0010	U
7440-43-9	Cadmium, Total	ND	0.0050	0.0007	U
7440-70-2	Calcium, Total	0.046	0.10	0.030	J
7440-47-3	Chromium, Total	ND	0.010	0.0020	U
7440-48-4	Cobalt, Total	ND	0.0200	0.0050	U
7440-50-8	Copper, Total	ND 0.0057	0.0100	0.0020	J → U
7439-89-6	Iron, Total	ND	0.050	0.020	U
7439-92-1	Lead, Total	ND	0.0100	0.0020	U
7439-95-4	Magnesium, Total	ND	0.10	0.010	U
7439-96-5	Manganese, Total	ND	0.0100	0.0020	U
7440-02-0	Nickel, Total	ND	0.0250	0.0040	U
7440-09-7	Potassium, Total	ND	2.5	0.40	U
7782-49-2	Selenium, Total	ND	0.0100	0.0030	U
7440-22-4	Silver, Total	ND	0.0070	0.0020	U
7440-23-5	Sodium, Total	ND	2.0	0.30	U
7440-28-0	Thallium, Total	ND	0.0200	0.0040	U
7440-62-2	Vanadium, Total	ND	0.0100	0.0010	U
7440-66-6	Zinc, Total	ND	0.0500	0.0070	U

4/11/16

PART 3
Appendix C
Data Summary Form I's
With Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-108-G | Lab Sample ID: 460-108135-1

Matrix: Solid | Lab File ID: D19111.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:00

Sample wt/vol: 4.24(g) | Date Analyzed: 01/28/2016 07:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.5	U	1.5	0.55
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	1.5	0.25
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	~~U~~ UJ	1.5	0.64
79-00-5	1,1,2-Trichloroethane	1.5	U	1.5	0.41
75-34-3	1,1-Dichloroethane	1.5	U	1.5	0.49
75-35-4	1,1-Dichloroethene	1.5	~~U~~ UJ	1.5	0.60
87-61-6	1,2,3-Trichlorobenzene	1.5	~~U~~ UJ	1.5	0.16
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	0.46
78-87-5	1,2-Dichloropropane	1.5	U	1.5	0.25
541-73-1	1,3-Dichlorobenzene	1.5	~~U~~ UJ	1.5	0.17
106-46-7	1,4-Dichlorobenzene	1.5	~~U~~ UJ	1.5	0.19
123-91-1	1,4-Dioxane	29	U	29	9.3
78-93-3	2-Butanone (MEK)	7.3	U	7.3	1.1
591-78-6	2-Hexanone	7.3	U	7.3	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	7.3	U	7.3	3.2
67-64-1	Acetone	7.3	U	7.3	1.5
71-43-2	Benzene	1.5	U	1.5	0.29
75-25-2	Bromoform	1.5	U	1.5	0.19
74-83-9	Bromomethane	1.5	U	1.5	0.46
75-15-0	Carbon disulfide	1.5	~~U~~ UJ	1.5	0.62
56-23-5	Carbon tetrachloride	1.5	U	1.5	0.62
108-90-7	Chlorobenzene	1.5	~~U~~ UJ	1.5	0.20
74-97-5	Chlorobromomethane	1.5	U	1.5	0.25
124-48-1	Chlorodibromomethane	1.5	U	1.5	0.22
75-00-3	Chloroethane	1.5	U	1.5	0.51
67-66-3	Chloroform	1.5	U	1.5	0.30
74-87-3	Chloromethane	1.5	~~U~~ UJ	1.5	0.55
156-59-2	cis-1,2-Dichloroethene	1.5	U	1.5	0.32
10061-01-5	cis-1,3-Dichloropropene	1.5	~~U~~ UJ	1.5	0.22
110-82-7	Cyclohexane	1.5	~~U~~ UJ	1.5	0.67
75-27-4	Dichlorobromomethane	1.5	U	1.5	0.55
75-71-8	Dichlorodifluoromethane	1.5	~~U~~ UJ	1.5	0.46
100-41-4	Ethylbenzene	1.5	~~U~~ UJ	1.5	0.26
106-93-4	Ethylene Dibromide	1.5	~~U~~ UJ	1.5	0.17
98-82-8	Isopropylbenzene	1.5	~~U~~ UJ	1.5	0.25

4/17/16 02/16/2016

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-108-G | Lab Sample ID: 460-108135-1

Matrix: Solid | Lab File ID: D19111.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:00

Sample wt/vol: 4.24(g) | Date Analyzed: 01/28/2016 07:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.8 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	7.3	U	7.3	1.3
1634-04-4	Methyl tert-butyl ether	1.5	U	1.5	0.25
108-87-2	Methylcyclohexane	1.5	~~U~~ UJ	1.5	0.73
75-09-2	Methylene Chloride	1.5	U	1.5	0.46
179601-23-1	m-Xylene & p-Xylene	1.5	~~U~~ UJ	1.5	0.16
95-47-6	o-Xylene	1.5	~~U~~ UJ	1.5	0.23
100-42-5	Styrene	1.5	~~U~~ UJ	1.5	0.22
127-18-4	Tetrachloroethene	1.5	U	1.5	0.41
108-88-3	Toluene	1.5	U	1.5	0.28
156-60-5	trans-1,2-Dichloroethene	1.5	~~U~~ UJ	1.5	0.57
10061-02-6	trans-1,3-Dichloropropene	1.5	~~U~~ UJ	1.5	0.15
79-01-6	Trichloroethene	1.5	U	1.5	0.38
75-69-4	Trichlorofluoromethane	1.5	U	1.5	0.49
75-01-4	Vinyl chloride	1.5	~~U~~ UJ	1.5	0.57
107-06-2	1,2-Dichloroethane	1.5	U	1.5	0.16
95-50-1	1,2-Dichlorobenzene	1.5	~~U~~ UJ	1.5	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	1.5	U	1.5	0.68

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-135
460-00-4	4-Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	96		61-149
2037-26-5	Toluene-d8 (Surr)	93		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (DUP of SP-108-9) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: D19112.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:15

Sample wt/vol: 4.46(g) | Date Analyzed: 01/28/2016 08:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.49
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	1.3	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	~~U~~ UJ	1.3	0.57
79-00-5	1,1,2-Trichloroethane	1.3	U	1.3	0.36
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.44
75-35-4	1,1-Dichloroethene	1.3	~~U~~ UJ	1.3	0.53
87-61-6	1,2,3-Trichlorobenzene	1.3	U	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	0.41
78-87-5	1,2-Dichloropropane	1.3	U	1.3	0.22
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.16
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.17
123-91-1	1,4-Dioxane	26	U	26	8.3
78-93-3	2-Butanone (MEK)	6.5	U	6.5	1.0
591-78-6	2-Hexanone	6.5	U	6.5	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	6.5	U	6.5	2.9
67-64-1	Acetone	6.5	U	6.5	1.4
71-43-2	Benzene	1.3	U	1.3	0.26
75-25-2	Bromoform	1.3	U	1.3	0.17
74-83-9	Bromomethane	1.3	U	1.3	0.41
75-15-0	Carbon disulfide	1.3	U	1.3	0.56
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.56
108-90-7	Chlorobenzene	1.3	U	1.3	0.18
74-97-5	Chlorobromomethane	1.3	U	1.3	0.22
124-48-1	Chlorodibromomethane	1.3	U	1.3	0.19
75-00-3	Chloroethane	1.3	U	1.3	0.45
67-66-3	Chloroform	1.3	U	1.3	0.27
74-87-3	Chloromethane	1.3	U	1.3	0.49
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.29
10061-01-5	cis-1,3-Dichloropropene	1.3	U	1.3	0.19
110-82-7	Cyclohexane	1.3	U	1.3	0.60
75-27-4	Dichlorobromomethane	1.3	U	1.3	0.49
75-71-8	Dichlorodifluoromethane	1.3	U	1.3	0.41
100-41-4	Ethylbenzene	1.3	U	1.3	0.23
106-93-4	Ethylene Dibromide	1.3	U	1.3	0.16
98-82-8	Isopropylbenzene	1.3	U	1.3	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (DUP of SP-1084) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: D19112.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:15

Sample wt/vol: 4.46(g) | Date Analyzed: 01/28/2016 08:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.5	U	6.5	1.2
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.22
108-87-2	Methylcyclohexane	1.3	U	1.3	0.65
75-09-2	Methylene Chloride	1.3	U	1.3	0.41
179601-23-1	m-Xylene & p-Xylene	1.3	U	1.3	0.14
95-47-6	o-Xylene	1.3	U	1.3	0.21
100-42-5	Styrene	1.3	U	1.3	0.19
127-18-4	Tetrachloroethene	1.3	U	1.3	0.36
108-88-3	Toluene	1.3	U	1.3	0.25
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.51
10061-02-6	trans-1,3-Dichloropropene	1.3	U	1.3	0.13
79-01-6	Trichloroethene	1.3	U	1.3	0.34
75-69-4	Trichlorofluoromethane	1.3	U	1.3	0.44
75-01-4	Vinyl chloride	1.3	U	1.3	0.51
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.14
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	1.3	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	92		67-126
1868-53-7	Dibromofluoromethane (Surr)	94		61-149
2037-26-5	Toluene-d8 (Surr)	89		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-109-G | Lab Sample ID: 460-108135-4

Matrix: Solid | Lab File ID: D19113.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:40

Sample wt/vol: 5.31(g) | Date Analyzed: 01/28/2016 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.43
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	~~U~~ UJ	1.1	0.50
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.32
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.38
75-35-4	1,1-Dichloroethene	1.1	~~U~~ UJ	1.1	0.46
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.36
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.19
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.14
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.15
123-91-1	1,4-Dioxane	23	U	23	7.2
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.87
591-78-6	2-Hexanone	5.6	U	5.6	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.6	U	5.6	2.5
67-64-1	Acetone	5.6	U	5.6	1.2
71-43-2	Benzene	1.1	U	1.1	0.23
75-25-2	Bromoform	1.1	U	1.1	0.15
74-83-9	Bromomethane	1.1	U	1.1	0.36
75-15-0	Carbon disulfide	1.1	U	1.1	0.49
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.49
108-90-7	Chlorobenzene	1.1	U	1.1	0.16
74-97-5	Chlorobromomethane	1.1	U	1.1	0.19
124-48-1	Chlorodibromomethane	1.1	U	1.1	0.17
75-00-3	Chloroethane	1.1	U	1.1	0.40
67-66-3	Chloroform	1.1	U	1.1	0.24
74-87-3	Chloromethane	1.1	U	1.1	0.43
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.25
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.17
110-82-7	Cyclohexane	1.1	U	1.1	0.52
75-27-4	Dichlorobromomethane	1.1	U	1.1	0.43
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.36
100-41-4	Ethylbenzene	1.1	U	1.1	0.20
106-93-4	Ethylene Dibromide	1.1	U	1.1	0.14
98-82-8	Isopropylbenzene	1.1	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-109-G | Lab Sample ID: 460-108135-4

Matrix: Solid | Lab File ID: D19113.D

Analysis Method: 8260C | Date Collected: 01/27/2016 08:40

Sample wt/vol: 5.31(g) | Date Analyzed: 01/28/2016 08:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 16.7 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.6	U	5.6	1.0
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.19
108-87-2	Methylcyclohexane	1.1	U	1.1	0.56
75-09-2	Methylene Chloride	1.1	U	1.1	0.36
179601-23-1	m-Xylene & p-Xylene	1.1	U	1.1	0.12
95-47-6	o-Xylene	1.1	U	1.1	0.18
100-42-5	Styrene	1.1	U	1.1	0.17
127-18-4	Tetrachloroethene	1.1	U	1.1	0.32
108-88-3	Toluene	1.1	U	1.1	0.21
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.44
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.11
79-01-6	Trichloroethene	1.1	U	1.1	0.29
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.38
75-01-4	Vinyl chloride	1.1	U	1.1	0.44
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.53

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-135
460-00-4	4-Bromofluorobenzene	97		67-126
1868-53-7	Dibromofluoromethane (Surr)	94		61-149
2037-26-5	Toluene-d8 (Surr)	92		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-2 (DUP of SP-109-G) | Lab Sample ID: 460-108135-6

Matrix: Solid | Lab File ID: D19114.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:00

Sample wt/vol: 4.58(g) | Date Analyzed: 01/28/2016 09:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.49
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	1.3	0.22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	~~U~~ UJ	1.3	0.57
79-00-5	1,1,2-Trichloroethane	1.3	U	1.3	0.36
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.44
75-35-4	1,1-Dichloroethene	1.3	~~U~~ UJ	1.3	0.53
87-61-6	1,2,3-Trichlorobenzene	1.3	U	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	0.41
78-87-5	1,2-Dichloropropane	1.3	U	1.3	0.22
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.15
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.17
123-91-1	1,4-Dioxane	26	U	26	8.2
78-93-3	2-Butanone (MEK)	6.5	U	6.5	0.99
591-78-6	2-Hexanone	6.5	U	6.5	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	6.5	U	6.5	2.9
67-64-1	Acetone	6.5	U	6.5	1.4
71-43-2	Benzene	1.3	U	1.3	0.26
75-25-2	Bromoform	1.3	U	1.3	0.17
74-83-9	Bromomethane	1.3	U	1.3	0.41
75-15-0	Carbon disulfide	1.3	U	1.3	0.55
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.55
108-90-7	Chlorobenzene	1.3	U	1.3	0.18
74-97-5	Chlorobromomethane	1.3	U	1.3	0.22
124-48-1	Chlorodibromomethane	1.3	U	1.3	0.19
75-00-3	Chloroethane	1.3	U	1.3	0.45
67-66-3	Chloroform	1.3	U	1.3	0.27
74-87-3	Chloromethane	1.3	U	1.3	0.49
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.28
10061-01-5	cis-1,3-Dichloropropene	1.3	U	1.3	0.19
110-82-7	Cyclohexane	1.3	U	1.3	0.59
75-27-4	Dichlorobromomethane	1.3	U	1.3	0.49
75-71-8	Dichlorodifluoromethane	1.3	U	1.3	0.41
100-41-4	Ethylbenzene	1.3	U	1.3	0.23
106-93-4	Ethylene Dibromide	1.3	U	1.3	0.15
98-82-8	Isopropylbenzene	1.3	U	1.3	0.22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-2 (DUP of SP-109-A) | Lab Sample ID: 460-108135-6

Matrix: Solid | Lab File ID: D19114.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:00

Sample wt/vol: 4.58(g) | Date Analyzed: 01/28/2016 09:06

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.5	U	6.5	1.2
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.22
108-87-2	Methylcyclohexane	1.3	U	1.3	0.65
75-09-2	Methylene Chloride	1.3	U	1.3	0.41
179601-23-1	m-Xylene & p-Xylene	1.3	U	1.3	0.14
95-47-6	o-Xylene	1.3	U	1.3	0.21
100-42-5	Styrene	1.3	U	1.3	0.19
127-18-4	Tetrachloroethene	1.3	U	1.3	0.36
108-88-3	Toluene	1.3	U	1.3	0.25
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.50
10061-02-6	trans-1,3-Dichloropropene	1.3	U	1.3	0.13
79-01-6	Trichloroethene	1.3	U	1.3	0.34
75-69-4	Trichlorofluoromethane	1.3	U	1.3	0.44
75-01-4	Vinyl chloride	1.3	U	1.3	0.50
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.14
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	1.3	0.61

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	96		67-126
1868-53-7	Dibromofluoromethane (Surr)	93		61-149
2037-26-5	Toluene-d8 (Surr)	89		73-121

2/1/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-110-G | Lab Sample ID: 460-108135-7

Matrix: Solid | Lab File ID: D19115.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:05

Sample wt/vol: 4.90(g) | Date Analyzed: 01/28/2016 09:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.3	U	1.3	0.48
79-34-5	1,1,2,2-Tetrachloroethane	1.3	U	1.3	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.3	~~U~~ UJ	1.3	0.55
79-00-5	1,1,2-Trichloroethane	1.3	U	1.3	0.35
75-34-3	1,1-Dichloroethane	1.3	U	1.3	0.43
75-35-4	1,1-Dichloroethene	1.3	~~U~~ UJ	1.3	0.51
87-61-6	1,2,3-Trichlorobenzene	1.3	U	1.3	0.14
120-82-1	1,2,4-Trichlorobenzene	1.3	U	1.3	0.40
78-87-5	1,2-Dichloropropane	1.3	U	1.3	0.21
541-73-1	1,3-Dichlorobenzene	1.3	U	1.3	0.15
106-46-7	1,4-Dichlorobenzene	1.3	U	1.3	0.16
123-91-1	1,4-Dioxane	25	U	25	8.0
78-93-3	2-Butanone (MEK)	6.3	U	6.3	0.96
591-78-6	2-Hexanone	6.3	U	6.3	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	6.3	U	6.3	2.8
67-64-1	Acetone	6.3	U	6.3	1.3
71-43-2	Benzene	1.3	U	1.3	0.25
75-25-2	Bromoform	1.3	U	1.3	0.16
74-83-9	Bromomethane	1.3	U	1.3	0.40
75-15-0	Carbon disulfide	1.3	U	1.3	0.54
56-23-5	Carbon tetrachloride	1.3	U	1.3	0.54
108-90-7	Chlorobenzene	1.3	U	1.3	0.18
74-97-5	Chlorobromomethane	1.3	U	1.3	0.21
124-48-1	Chlorodibromomethane	1.3	U	1.3	0.19
75-00-3	Chloroethane	1.3	U	1.3	0.44
67-66-3	Chloroform	1.3	U	1.3	0.26
74-87-3	Chloromethane	1.3	U	1.3	0.48
156-59-2	cis-1,2-Dichloroethene	1.3	U	1.3	0.28
10061-01-5	cis-1,3-Dichloropropene	1.3	U	1.3	0.19
110-82-7	Cyclohexane	1.3	U	1.3	0.58
75-27-4	Dichlorobromomethane	1.3	U	1.3	0.48
75-71-8	Dichlorodifluoromethane	1.3	U	1.3	0.40
100-41-4	Ethylbenzene	1.3	U	1.3	0.23
106-93-4	Ethylene Dibromide	1.3	U	1.3	0.15
98-82-8	Isopropylbenzene	1.3	U	1.3	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-110-G | Lab Sample ID: 460-108135-7

Matrix: Solid | Lab File ID: D19115.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:05

Sample wt/vol: 4.90(g) | Date Analyzed: 01/28/2016 09:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.4 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.3	U	6.3	1.1
1634-04-4	Methyl tert-butyl ether	1.3	U	1.3	0.21
108-87-2	Methylcyclohexane	1.3	U	1.3	0.63
75-09-2	Methylene Chloride	1.3	U	1.3	0.40
179601-23-1	m-Xylene & p-Xylene	1.3	U	1.3	0.14
95-47-6	o-Xylene	1.3	U	1.3	0.20
100-42-5	Styrene	1.3	U	1.3	0.19
127-18-4	Tetrachloroethene	1.3	U	1.3	0.35
108-88-3	Toluene	1.3	U	1.3	0.24
156-60-5	trans-1,2-Dichloroethene	1.3	U	1.3	0.49
10061-02-6	trans-1,3-Dichloropropene	1.3	U	1.3	0.13
79-01-6	Trichloroethene	1.3	U	1.3	0.33
75-69-4	Trichlorofluoromethane	1.3	U	1.3	0.43
75-01-4	Vinyl chloride	1.3	U	1.3	0.49
107-06-2	1,2-Dichloroethane	1.3	U	1.3	0.14
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	0.18
96-12-8	1,2-Dibromo-3-Chloropropane	1.3	U	1.3	0.59

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	96		67-126
1868-53-7	Dibromofluoromethane (Surr)	95		61-149
2037-26-5	Toluene-d8 (Surr)	91		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-G Lab Sample ID: 460-108135-9

Matrix: Solid Lab File ID: D19116.D

Analysis Method: 8260C Date Collected: 01/27/2016 09:10

Sample wt/vol: 4.06(g) Date Analyzed: 01/28/2016 09:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.6 Level: (low/med) Low

Analysis Batch No.: 347941 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.5	U	1.5	0.57
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	1.5	0.25
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	~~U~~ UJ	1.5	0.66
79-00-5	1,1,2-Trichloroethane	1.5	U	1.5	0.42
75-34-3	1,1-Dichloroethane	1.5	U	1.5	0.51
75-35-4	1,1-Dichloroethene	1.5	~~U~~ UJ	1.5	0.61
87-61-6	1,2,3-Trichlorobenzene	1.5	U	1.5	0.16
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	0.48
78-87-5	1,2-Dichloropropane	1.5	U	1.5	0.25
541-73-1	1,3-Dichlorobenzene	1.5	U	1.5	0.18
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	0.19
123-91-1	1,4-Dioxane	30	U	30	9.6
78-93-3	2-Butanone (MEK)	7.5	U	7.5	1.2
591-78-6	2-Hexanone	7.5	U	7.5	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	7.5	U	7.5	3.3
67-64-1	Acetone	7.5	U	7.5	1.6
71-43-2	Benzene	1.5	U	1.5	0.30
75-25-2	Bromoform	1.5	U	1.5	0.19
74-83-9	Bromomethane	1.5	U	1.5	0.48
75-15-0	Carbon disulfide	1.5	U	1.5	0.64
56-23-5	Carbon tetrachloride	1.5	U	1.5	0.64
108-90-7	Chlorobenzene	1.5	U	1.5	0.21
74-97-5	Chlorobromomethane	1.5	U	1.5	0.25
124-48-1	Chlorodibromomethane	1.5	U	1.5	0.22
75-00-3	Chloroethane	1.5	U	1.5	0.52
67-66-3	Chloroform	1.5	U	1.5	0.31
74-87-3	Chloromethane	1.5	U	1.5	0.57
156-59-2	cis-1,2-Dichloroethene	1.5	U	1.5	0.33
10061-01-5	cis-1,3-Dichloropropene	1.5	U	1.5	0.22
110-82-7	Cyclohexane	1.5	U	1.5	0.69
75-27-4	Dichlorobromomethane	1.5	U	1.5	0.57
75-71-8	Dichlorodifluoromethane	1.5	U	1.5	0.48
100-41-4	Ethylbenzene	1.5	U	1.5	0.27
106-93-4	Ethylene Dibromide	1.5	U	1.5	0.18
98-82-8	Isopropylbenzene	1.5	U	1.5	0.25

fb 5/17/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-G | Lab Sample ID: 460-108135-9

Matrix: Solid | Lab File ID: D19116.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:10

Sample wt/vol: 4.06(g) | Date Analyzed: 01/28/2016 09:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.6 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	7.5	U	7.5	1.3
1634-04-4	Methyl tert-butyl ether	1.5	U	1.5	0.25
108-87-2	Methylcyclohexane	1.5	U	1.5	0.75
75-09-2	Methylene Chloride	1.5	U	1.5	0.48
179601-23-1	m-Xylene & p-Xylene	1.5	U	1.5	0.16
95-47-6	o-Xylene	1.5	U	1.5	0.24
100-42-5	Styrene	1.5	U	1.5	0.22
127-18-4	Tetrachloroethene	1.5	U	1.5	0.42
108-88-3	Toluene	1.5	U	1.5	0.28
156-60-5	trans-1,2-Dichloroethene	1.5	U	1.5	0.58
10061-02-6	trans-1,3-Dichloropropene	1.5	U	1.5	0.15
79-01-6	Trichloroethene	1.5	U	1.5	0.39
75-69-4	Trichlorofluoromethane	1.5	U	1.5	0.51
75-01-4	Vinyl chloride	1.5	U	1.5	0.58
107-06-2	1,2-Dichloroethane	1.5	U	1.5	0.16
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	0.21
96-12-8	1,2-Dibromo-3-Chloropropane	1.5	U	1.5	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	99		67-126
1868-53-7	Dibromofluoromethane (Surr)	96		61-149
2037-26-5	Toluene-d8 (Surr)	93		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-112-G | Lab Sample ID: 460-108135-11

Matrix: Solid | Lab File ID: D19120.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:15

Sample wt/vol: 3.46(g) | Date Analyzed: 01/28/2016 11:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.7	U	1.7	0.63
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.28
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	~~U~~ UJ	1.7	0.73
79-00-5	1,1,2-Trichloroethane	1.7	U	1.7	0.47
75-34-3	1,1-Dichloroethane	1.7	U	1.7	0.57
75-35-4	1,1-Dichloroethene	1.7	~~U~~ UJ	1.7	0.68
87-61-6	1,2,3-Trichlorobenzene	1.7	U	1.7	0.18
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	0.53
78-87-5	1,2-Dichloropropane	1.7	U	1.7	0.28
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	0.20
106-46-7	1,4-Dichlorobenzene	1.7	U	1.7	0.22
123-91-1	1,4-Dioxane	33	U	33	11
78-93-3	2-Butanone (MEK)	8.3	U	8.3	1.3
591-78-6	2-Hexanone	8.3	U	8.3	1.6
108-10-1	4-Methyl-2-pentanone (MIBK)	8.3	U	8.3	3.7
67-64-1	Acetone	8.3	U	8.3	1.8
71-43-2	Benzene	1.7	U	1.7	0.33
75-25-2	Bromoform	1.7	U	1.7	0.22
74-83-9	Bromomethane	1.7	U	1.7	0.53
75-15-0	Carbon disulfide	1.7	U	1.7	0.72
56-23-5	Carbon tetrachloride	1.7	U	1.7	0.72
108-90-7	Chlorobenzene	1.7	U	1.7	0.23
74-97-5	Chlorobromomethane	1.7	U	1.7	0.28
124-48-1	Chlorodibromomethane	1.7	U	1.7	0.25
75-00-3	Chloroethane	1.7	U	1.7	0.58
67-66-3	Chloroform	1.7	U	1.7	0.35
74-87-3	Chloromethane	1.7	U	1.7	0.63
156-59-2	cis-1,2-Dichloroethene	1.7	U	1.7	0.37
10061-01-5	cis-1,3-Dichloropropene	1.7	U	1.7	0.25
110-82-7	Cyclohexane	1.7	U	1.7	0.77
75-27-4	Dichlorobromomethane	1.7	U	1.7	0.63
75-71-8	Dichlorodifluoromethane	1.7	U	1.7	0.53
100-41-4	Ethylbenzene	1.7	U	1.7	0.30
106-93-4	Ethylene Dibromide	1.7	U	1.7	0.20
98-82-8	Isopropylbenzene	1.7	U	1.7	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-112-G | Lab Sample ID: 460-108135-11

Matrix: Solid | Lab File ID: D19120.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:15

Sample wt/vol: 3.46(g) | Date Analyzed: 01/28/2016 11:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.2 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	8.3	U	8.3	1.5
1634-04-4	Methyl tert-butyl ether	1.7	U	1.7	0.28
108-87-2	Methylcyclohexane	1.7	U	1.7	0.83
75-09-2	Methylene Chloride	1.7	U	1.7	0.53
179601-23-1	m-Xylene & p-Xylene	1.7	U	1.7	0.18
95-47-6	o-Xylene	1.7	U	1.7	0.27
100-42-5	Styrene	1.7	U	1.7	0.25
127-18-4	Tetrachloroethene	1.7	U	1.7	0.47
108-88-3	Toluene	1.7	U	1.7	0.32
156-60-5	trans-1,2-Dichloroethene	1.7	U	1.7	0.65
10061-02-6	trans-1,3-Dichloropropene	1.7	U	1.7	0.17
79-01-6	Trichloroethene	1.7	U	1.7	0.43
75-69-4	Trichlorofluoromethane	1.7	U	1.7	0.57
75-01-4	Vinyl chloride	1.7	U	1.7	0.65
107-06-2	1,2-Dichloroethane	1.7	U	1.7	0.18
95-50-1	1,2-Dichlorobenzene	1.7	U	1.7	0.23
96-12-8	1,2-Dibromo-3-Chloropropane	1.7	U	1.7	0.78

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
460-00-4	4-Bromofluorobenzene	100		67-126
1868-53-7	Dibromofluoromethane (Surr)	95		61-149
2037-26-5	Toluene-d8 (Surr)	92		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-G | Lab Sample ID: 460-108135-13

Matrix: Solid | Lab File ID: D19121.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:20

Sample wt/vol: 5.31(g) | Date Analyzed: 01/28/2016 11:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.9 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.45
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.52
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.33
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.40
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.48
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.38
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.15
123-91-1	1,4-Dioxane	24	U	24	7.5
78-93-3	2-Butanone (MEK)	5.9	U	5.9	0.90
591-78-6	2-Hexanone	5.9	U	5.9	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.9	U	5.9	2.6
67-64-1	Acetone	5.9	U	5.9	1.2
71-43-2	Benzene	1.2	U	1.2	0.24
75-25-2	Bromoform	1.2	U	1.2	0.15
74-83-9	Bromomethane	1.2	U	1.2	0.38
75-15-0	Carbon disulfide	1.2	U	1.2	0.51
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.51
108-90-7	Chlorobenzene	1.2	U	1.2	0.16
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.18
75-00-3	Chloroethane	1.2	U	1.2	0.41
67-66-3	Chloroform	1.2	U	1.2	0.25
74-87-3	Chloromethane	1.2	U	1.2	0.45
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.26
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.18
110-82-7	Cyclohexane	1.2	U	1.2	0.54
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.45
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.38
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-G | Lab Sample ID: 460-108135-13

Matrix: Solid | Lab File ID: D19121.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:20

Sample wt/vol: 5.31(g) | Date Analyzed: 01/28/2016 11:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 19.9 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.9	U	5.9	1.1
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.59
75-09-2	Methylene Chloride	1.2	U	1.2	0.38
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.19
100-42-5	Styrene	1.2	U	1.2	0.18
127-18-4	Tetrachloroethene	1.2	U	1.2	0.33
108-88-3	Toluene	1.2	U	1.2	0.22
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.46
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.31
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.40
75-01-4	Vinyl chloride	1.2	U	1.2	0.46
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
460-00-4	4-Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	97		61-149
2037-26-5	Toluene-d8 (Surr)	89		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-G | Lab Sample ID: 460-108135-15

Matrix: Solid | Lab File ID: D19122.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:25

Sample wt/vol: 5.07(g) | Date Analyzed: 01/28/2016 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.4	U	1.4	0.52
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.23
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U UJ	1.4	0.60
79-00-5	1,1,2-Trichloroethane	1.4	U	1.4	0.38
75-34-3	1,1-Dichloroethane	1.4	U	1.4	0.46
75-35-4	1,1-Dichloroethene	1.4	U UJ	1.4	0.56
87-61-6	1,2,3-Trichlorobenzene	1.4	U	1.4	0.15
120-82-1	1,2,4-Trichlorobenzene	1.4	U	1.4	0.44
78-87-5	1,2-Dichloropropane	1.4	U	1.4	0.23
541-73-1	1,3-Dichlorobenzene	1.4	U	1.4	0.16
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	0.18
123-91-1	1,4-Dioxane	27	U	27	8.7
78-93-3	2-Butanone (MEK)	6.8	U	6.8	1.0
591-78-6	2-Hexanone	6.8	U	6.8	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	6.8	U	6.8	3.0
67-64-1	Acetone	6.8	U	6.8	1.4
71-43-2	Benzene	1.4	U	1.4	0.27
75-25-2	Bromoform	1.4	U	1.4	0.18
74-83-9	Bromomethane	1.4	U	1.4	0.44
75-15-0	Carbon disulfide	1.4	U	1.4	0.58
56-23-5	Carbon tetrachloride	1.4	U	1.4	0.58
108-90-7	Chlorobenzene	1.4	U	1.4	0.19
74-97-5	Chlorobromomethane	1.4	U	1.4	0.23
124-48-1	Chlorodibromomethane	1.4	U	1.4	0.20
75-00-3	Chloroethane	1.4	U	1.4	0.48
67-66-3	Chloroform	1.4	U	1.4	0.29
74-87-3	Chloromethane	1.4	U	1.4	0.52
156-59-2	cis-1,2-Dichloroethene	1.4	U	1.4	0.30
10061-01-5	cis-1,3-Dichloropropene	1.4	U	1.4	0.20
110-82-7	Cyclohexane	1.4	U	1.4	0.63
75-27-4	Dichlorobromomethane	1.4	U	1.4	0.52
75-71-8	Dichlorodifluoromethane	1.4	U	1.4	0.44
100-41-4	Ethylbenzene	1.4	U	1.4	0.24
106-93-4	Ethylene Dibromide	1.4	U	1.4	0.16
98-82-8	Isopropylbenzene	1.4	U	1.4	0.23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-G | Lab Sample ID: 460-108135-15

Matrix: Solid | Lab File ID: D19122.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:25

Sample wt/vol: 5.07(g) | Date Analyzed: 01/28/2016 12:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 27.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.8	U	6.8	1.2
1634-04-4	Methyl tert-butyl ether	1.4	U	1.4	0.23
108-87-2	Methylcyclohexane	1.4	U	1.4	0.68
75-09-2	Methylene Chloride	1.4	U	1.4	0.44
179601-23-1	m-Xylene & p-Xylene	1.4	U	1.4	0.15
95-47-6	o-Xylene	1.4	U	1.4	0.22
100-42-5	Styrene	1.4	U	1.4	0.20
127-18-4	Tetrachloroethene	1.4	U	1.4	0.38
108-88-3	Toluene	1.4	U	1.4	0.26
156-60-5	trans-1,2-Dichloroethene	1.4	U	1.4	0.53
10061-02-6	trans-1,3-Dichloropropene	1.4	U	1.4	0.14
79-01-6	Trichloroethene	1.4	U	1.4	0.35
75-69-4	Trichlorofluoromethane	1.4	U	1.4	0.46
75-01-4	Vinyl chloride	1.4	U	1.4	0.53
107-06-2	1,2-Dichloroethane	1.4	U	1.4	0.15
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	1.4	U	1.4	0.64

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		78-135
460-00-4	4-Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	97		61-149
2037-26-5	Toluene-d8 (Surr)	89		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-G | Lab Sample ID: 460-108135-17

Matrix: Solid | Lab File ID: D19123.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:30

Sample wt/vol: 4.56(g) | Date Analyzed: 01/28/2016 12:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.4	U	1.4	0.53
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.24
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U UJ	1.4	0.61
79-00-5	1,1,2-Trichloroethane	1.4	U	1.4	0.39
75-34-3	1,1-Dichloroethane	1.4	U	1.4	0.47
75-35-4	1,1-Dichloroethene	1.4	U UJ	1.4	0.57
87-61-6	1,2,3-Trichlorobenzene	1.4	U	1.4	0.15
120-82-1	1,2,4-Trichlorobenzene	1.4	U	1.4	0.44
78-87-5	1,2-Dichloropropane	1.4	U	1.4	0.24
541-73-1	1,3-Dichlorobenzene	1.4	U	1.4	0.17
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	0.18
123-91-1	1,4-Dioxane	28	U	28	8.9
78-93-3	2-Butanone (MEK)	6.9	U	6.9	1.1
591-78-6	2-Hexanone	6.9	U	6.9	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	6.9	U	6.9	3.1
67-64-1	Acetone	6.9	U	6.9	1.5
71-43-2	Benzene	1.4	U	1.4	0.28
75-25-2	Bromoform	1.4	U	1.4	0.18
74-83-9	Bromomethane	1.4	U	1.4	0.44
75-15-0	Carbon disulfide	1.4	U	1.4	0.60
56-23-5	Carbon tetrachloride	1.4	U	1.4	0.60
108-90-7	Chlorobenzene	1.4	U	1.4	0.19
74-97-5	Chlorobromomethane	1.4	U	1.4	0.24
124-48-1	Chlorodibromomethane	1.4	U	1.4	0.21
75-00-3	Chloroethane	1.4	U	1.4	0.49
67-66-3	Chloroform	1.4	U	1.4	0.29
74-87-3	Chloromethane	1.4	U	1.4	0.53
156-59-2	cis-1,2-Dichloroethene	1.4	U	1.4	0.31
10061-01-5	cis-1,3-Dichloropropene	1.4	U	1.4	0.21
110-82-7	Cyclohexane	1.4	U	1.4	0.64
75-27-4	Dichlorobromomethane	1.4	U	1.4	0.53
75-71-8	Dichlorodifluoromethane	1.4	U	1.4	0.44
100-41-4	Ethylbenzene	1.4	U	1.4	0.25
106-93-4	Ethylene Dibromide	1.4	U	1.4	0.17
98-82-8	Isopropylbenzene	1.4	U	1.4	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-G | Lab Sample ID: 460-108135-17

Matrix: Solid | Lab File ID: D19123.D

Analysis Method: 8260C | Date Collected: 01/27/2016 09:30

Sample wt/vol: 4.56(g) | Date Analyzed: 01/28/2016 12:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.9	U	6.9	1.2
1634-04-4	Methyl tert-butyl ether	1.4	U	1.4	0.24
108-87-2	Methylcyclohexane	1.4	U	1.4	0.69
75-09-2	Methylene Chloride	1.4	U	1.4	0.44
179601-23-1	m-Xylene & p-Xylene	1.4	U	1.4	0.15
95-47-6	o-Xylene	1.4	U	1.4	0.22
100-42-5	Styrene	1.4	U	1.4	0.21
127-18-4	Tetrachloroethene	1.4	U	1.4	0.39
108-88-3	Toluene	1.4	U	1.4	0.26
156-60-5	trans-1,2-Dichloroethene	1.4	U	1.4	0.54
10061-02-6	trans-1,3-Dichloropropene	1.4	U	1.4	0.14
79-01-6	Trichloroethene	1.4	U	1.4	0.36
75-69-4	Trichlorofluoromethane	1.4	U	1.4	0.47
75-01-4	Vinyl chloride	1.4	U	1.4	0.54
107-06-2	1,2-Dichloroethane	1.4	U	1.4	0.15
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	1.4	U	1.4	0.65

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		78-135
460-00-4	4-Bromofluorobenzene	96		67-126
1868-53-7	Dibromofluoromethane (Surr)	94		61-149
2037-26-5	Toluene-d8 (Surr)	90		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-116-G | Lab Sample ID: 460-108135-19

Matrix: Solid | Lab File ID: D19124.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:40

Sample wt/vol: 4.95(g) | Date Analyzed: 01/28/2016 13:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.45
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.52
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.33
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.40
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.48
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.38
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.15
123-91-1	1,4-Dioxane	24	U	24	7.5
78-93-3	2-Butanone (MEK)	5.9	U	5.9	0.91
591-78-6	2-Hexanone	5.9	U	5.9	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.9	U	5.9	2.6
67-64-1	Acetone	5.9	U	5.9	1.2
71-43-2	Benzene	1.2	U	1.2	0.24
75-25-2	Bromoform	1.2	U	1.2	0.15
74-83-9	Bromomethane	1.2	U	1.2	0.38
75-15-0	Carbon disulfide	1.2	U	1.2	0.51
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.51
108-90-7	Chlorobenzene	1.2	U	1.2	0.16
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.18
75-00-3	Chloroethane	1.2	U	1.2	0.41
67-66-3	Chloroform	1.2	U	1.2	0.25
74-87-3	Chloromethane	1.2	U	1.2	0.45
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.26
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.18
110-82-7	Cyclohexane	1.2	U	1.2	0.54
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.45
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.38
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

4/17/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-116-G | Lab Sample ID: 460-108135-19

Matrix: Solid | Lab File ID: D19124.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:40

Sample wt/vol: 4.95(g) | Date Analyzed: 01/28/2016 13:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.9	U	5.9	1.1
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.59
75-09-2	Methylene Chloride	1.2	U	1.2	0.38
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.19
100-42-5	Styrene	1.2	U	1.2	0.18
127-18-4	Tetrachloroethene	1.2	U	1.2	0.33
108-88-3	Toluene	1.2	U	1.2	0.22
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.46
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.31
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.40
75-01-4	Vinyl chloride	1.2	U	1.2	0.46
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.55

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	97		67-126
1868-53-7	Dibromofluoromethane (Surr)	95		61-149
2037-26-5	Toluene-d8 (Surr)	91		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-G | Lab Sample ID: 460-108135-21

Matrix: Solid | Lab File ID: D19125.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:45

Sample wt/vol: 5.48(g) | Date Analyzed: 01/28/2016 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.42
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.1	U UJ	1.1	0.49
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.31
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.38
75-35-4	1,1-Dichloroethene	1.1	U UJ	1.1	0.46
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.12
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.36
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.19
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.13
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.14
123-91-1	1,4-Dioxane	22	U	22	7.1
78-93-3	2-Butanone (MEK)	5.6	U	5.6	0.86
591-78-6	2-Hexanone	5.6	U	5.6	1.0
108-10-1	4-Methyl-2-pentanone (MIBK)	5.6	U	5.6	2.5
67-64-1	Acetone	5.6	U	5.6	1.2
71-43-2	Benzene	1.1	U	1.1	0.22
75-25-2	Bromoform	1.1	U	1.1	0.14
74-83-9	Bromomethane	1.1	U	1.1	0.36
75-15-0	Carbon disulfide	1.1	U	1.1	0.48
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.48
108-90-7	Chlorobenzene	1.1	U	1.1	0.16
74-97-5	Chlorobromomethane	1.1	U	1.1	0.19
124-48-1	Chlorodibromomethane	1.1	U	1.1	0.17
75-00-3	Chloroethane	1.1	U	1.1	0.39
67-66-3	Chloroform	1.1	U	1.1	0.23
74-87-3	Chloromethane	1.1	U	1.1	0.42
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.24
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.17
110-82-7	Cyclohexane	1.1	U	1.1	0.51
75-27-4	Dichlorobromomethane	1.1	U	1.1	0.42
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.36
100-41-4	Ethylbenzene	1.1	U	1.1	0.20
106-93-4	Ethylene Dibromide	1.1	U	1.1	0.13
98-82-8	Isopropylbenzene	1.1	U	1.1	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-G | Lab Sample ID: 460-108135-21

Matrix: Solid | Lab File ID: D19125.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:45

Sample wt/vol: 5.48(g) | Date Analyzed: 01/28/2016 13:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 18.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.6	U	5.6	1.0
1634-04-4	Methyl tert-butyl ether	1.1	U	1.1	0.19
108-87-2	Methylcyclohexane	1.1	U	1.1	0.56
75-09-2	Methylene Chloride	1.1	U	1.1	0.36
179601-23-1	m-Xylene & p-Xylene	1.1	U	1.1	0.12
95-47-6	o-Xylene	1.1	U	1.1	0.18
100-42-5	Styrene	1.1	U	1.1	0.17
127-18-4	Tetrachloroethene	1.1	U	1.1	0.31
108-88-3	Toluene	1.1	U	1.1	0.21
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.43
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.11
79-01-6	Trichloroethene	1.1	U	1.1	0.29
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.38
75-01-4	Vinyl chloride	1.1	U	1.1	0.43
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.52

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	93		67-126
1868-53-7	Dibromofluoromethane (Surr)	95		61-149
2037-26-5	Toluene-d8 (Surr)	90		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-G | Lab Sample ID: 460-108135-23

Matrix: Solid | Lab File ID: D19126.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:50

Sample wt/vol: 5.26(g) | Date Analyzed: 01/28/2016 13:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.7 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.44
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.51
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.32
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.39
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.47
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.37
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.15
123-91-1	1,4-Dioxane	23	U	23	7.4
78-93-3	2-Butanone (MEK)	5.8	U	5.8	0.89
591-78-6	2-Hexanone	5.8	U	5.8	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.8	U	5.8	2.6
67-64-1	Acetone	5.8	U	5.8	1.2
71-43-2	Benzene	1.2	U	1.2	0.23
75-25-2	Bromoform	1.2	U	1.2	0.15
74-83-9	Bromomethane	1.2	U	1.2	0.37
75-15-0	Carbon disulfide	1.2	U	1.2	0.50
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.50
108-90-7	Chlorobenzene	1.2	U	1.2	0.16
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.17
75-00-3	Chloroethane	1.2	U	1.2	0.40
67-66-3	Chloroform	1.2	U	1.2	0.24
74-87-3	Chloromethane	1.2	U	1.2	0.44
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.25
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.17
110-82-7	Cyclohexane	1.2	U	1.2	0.53
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.44
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.37
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

4/11/16

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-G | Lab Sample ID: 460-108135-23

Matrix: Solid | Lab File ID: D19126.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:50

Sample wt/vol: 5.26(g) | Date Analyzed: 01/28/2016 13:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 17.7 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.8	U	5.8	1.0
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.58
75-09-2	Methylene Chloride	1.2	U	1.2	0.37
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.18
100-42-5	Styrene	1.2	U	1.2	0.17
127-18-4	Tetrachloroethene	1.2	U	1.2	0.32
108-88-3	Toluene	1.2	U	1.2	0.22
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.45
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.30
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.39
75-01-4	Vinyl chloride	1.2	U	1.2	0.45
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		78-135
460-00-4	4-Bromofluorobenzene	99		67-126
1868-53-7	Dibromofluoromethane (Surr)	98		61-149
2037-26-5	Toluene-d8 (Surr)	94		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-G | Lab Sample ID: 460-108135-25

Matrix: Solid | Lab File ID: D19127.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:55

Sample wt/vol: 5.26(g) | Date Analyzed: 01/28/2016 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.46
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.53
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.34
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.41
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.49
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.38
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.16
123-91-1	1,4-Dioxane	24	U	24	7.7
78-93-3	2-Butanone (MEK)	6.0	U	6.0	0.93
591-78-6	2-Hexanone	6.0	U	6.0	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	6.0	U	6.0	2.7
67-64-1	Acetone	6.0	U	6.0	1.3
71-43-2	Benzene	1.2	U	1.2	0.24
75-25-2	Bromoform	1.2	U	1.2	0.16
74-83-9	Bromomethane	1.2	U	1.2	0.38
75-15-0	Carbon disulfide	1.2	U	1.2	0.52
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.52
108-90-7	Chlorobenzene	1.2	U	1.2	0.17
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.18
75-00-3	Chloroethane	1.2	U	1.2	0.42
67-66-3	Chloroform	1.2	U	1.2	0.25
74-87-3	Chloromethane	1.2	U	1.2	0.46
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.26
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.18
110-82-7	Cyclohexane	1.2	U	1.2	0.55
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.46
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.38
100-41-4	Ethylbenzene	1.2	U	1.2	0.22
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-G | Lab Sample ID: 460-108135-25

Matrix: Solid | Lab File ID: D19127.D

Analysis Method: 8260C | Date Collected: 01/27/2016 10:55

Sample wt/vol: 5.26(g) | Date Analyzed: 01/28/2016 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 21.0 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.0	U	6.0	1.1
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.60
75-09-2	Methylene Chloride	1.2	U	1.2	0.38
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.19
100-42-5	Styrene	1.2	U	1.2	0.18
127-18-4	Tetrachloroethene	1.2	U	1.2	0.34
108-88-3	Toluene	1.2	U	1.2	0.23
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.47
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.31
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.41
75-01-4	Vinyl chloride	1.2	U	1.2	0.47
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.57

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		78-135
460-00-4	4-Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	97		61-149
2037-26-5	Toluene-d8 (Surr)	92		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-120-G | Lab Sample ID: 460-108135-27

Matrix: Solid | Lab File ID: D19128.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:00

Sample wt/vol: 5.02(g) | Date Analyzed: 01/28/2016 14:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.44
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.51
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.32
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.39
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.47
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.37
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.15
123-91-1	1,4-Dioxane	23	U	23	7.4
78-93-3	2-Butanone (MEK)	5.8	U	5.8	0.89
591-78-6	2-Hexanone	5.8	U	5.8	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.8	U	5.8	2.6
67-64-1	Acetone	5.8	U	5.8	1.2
71-43-2	Benzene	1.2	U	1.2	0.23
75-25-2	Bromoform	1.2	U	1.2	0.15
74-83-9	Bromomethane	1.2	U	1.2	0.37
75-15-0	Carbon disulfide	1.2	U	1.2	0.50
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.50
108-90-7	Chlorobenzene	1.2	U	1.2	0.16
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.17
75-00-3	Chloroethane	1.2	U	1.2	0.40
67-66-3	Chloroform	1.2	U	1.2	0.24
74-87-3	Chloromethane	1.2	U	1.2	0.44
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.25
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.17
110-82-7	Cyclohexane	1.2	U	1.2	0.53
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.44
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.37
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-120-G | Lab Sample ID: 460-108135-27

Matrix: Solid | Lab File ID: D19128.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:00

Sample wt/vol: 5.02(g) | Date Analyzed: 01/28/2016 14:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.6 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.8	U	5.8	1.0
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.58
75-09-2	Methylene Chloride	1.2	U	1.2	0.37
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.18
100-42-5	Styrene	1.2	U	1.2	0.17
127-18-4	Tetrachloroethene	1.2	U	1.2	0.32
108-88-3	Toluene	1.2	U	1.2	0.22
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.45
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.30
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.39
75-01-4	Vinyl chloride	1.2	U	1.2	0.45
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	115		78-135
460-00-4	4-Bromofluorobenzene	112		67-126
1868-53-7	Dibromofluoromethane (Surr)	112		61-149
2037-26-5	Toluene-d8 (Surr)	104		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-G | Lab Sample ID: 460-108135-30

Matrix: Solid | Lab File ID: D19129.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:10

Sample wt/vol: 4.69(g) | Date Analyzed: 01/28/2016 15:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.47
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.21
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.54
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.34
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.42
75-35-4	1,1-Dichloroethene	1.2	~~U~~ UJ	1.2	0.51
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.14
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.39
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.21
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.15
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.16
123-91-1	1,4-Dioxane	25	U	25	7.9
78-93-3	2-Butanone (MEK)	3.0	J	6.2	0.95
591-78-6	2-Hexanone	6.2	U	6.2	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	6.2	U	6.2	2.7
67-64-1	Acetone	12		6.2	1.3
71-43-2	Benzene	1.2	U	1.2	0.25
75-25-2	Bromoform	1.2	U	1.2	0.16
74-83-9	Bromomethane	1.2	U	1.2	0.39
75-15-0	Carbon disulfide	0.62	J	1.2	0.53
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.53
108-90-7	Chlorobenzene	1.2	U	1.2	0.17
74-97-5	Chlorobromomethane	1.2	U	1.2	0.21
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.18
75-00-3	Chloroethane	1.2	U	1.2	0.43
67-66-3	Chloroform	1.2	U	1.2	0.26
74-87-3	Chloromethane	1.2	U	1.2	0.47
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.27
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.18
110-82-7	Cyclohexane	1.2	U	1.2	0.57
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.47
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.39
100-41-4	Ethylbenzene	1.2	U	1.2	0.22
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.15
98-82-8	Isopropylbenzene	1.2	U	1.2	0.21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-G | Lab Sample ID: 460-108135-30

Matrix: Solid | Lab File ID: D19129.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:10

Sample wt/vol: 4.69(g) | Date Analyzed: 01/28/2016 15:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 13.5 | Level: (low/med) Low

Analysis Batch No.: 347941 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	6.2	U	6.2	1.1
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.21
108-87-2	Methylcyclohexane	1.2	U	1.2	0.62
75-09-2	Methylene Chloride	1.2	U	1.2	0.39
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.14
95-47-6	o-Xylene	1.2	U	1.2	0.20
100-42-5	Styrene	1.2	U	1.2	0.18
127-18-4	Tetrachloroethene	1.2	U	1.2	0.34
108-88-3	Toluene	1.2	U	1.2	0.23
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.48
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.32
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.42
75-01-4	Vinyl chloride	1.2	U	1.2	0.48
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.14
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.17
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.58

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	94		67-126
1868-53-7	Dibromofluoromethane (Surr)	96		61-149
2037-26-5	Toluene-d8 (Surr)	90		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-G | Lab Sample ID: 460-108135-32

Matrix: Solid | Lab File ID: D19144.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:20

Sample wt/vol: 4.90(g) | Date Analyzed: 01/29/2016 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Low

Analysis Batch No.: 348160 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.2	U	1.2	0.44
79-34-5	1,1,2,2-Tetrachloroethane	1.2	U	1.2	0.20
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	~~U~~ UJ	1.2	0.51
79-00-5	1,1,2-Trichloroethane	1.2	U	1.2	0.32
75-34-3	1,1-Dichloroethane	1.2	U	1.2	0.39
75-35-4	1,1-Dichloroethene	1.2	U	1.2	0.47
87-61-6	1,2,3-Trichlorobenzene	1.2	U	1.2	0.13
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	0.37
78-87-5	1,2-Dichloropropane	1.2	U	1.2	0.20
541-73-1	1,3-Dichlorobenzene	1.2	U	1.2	0.14
106-46-7	1,4-Dichlorobenzene	1.2	U	1.2	0.15
123-91-1	1,4-Dioxane	23	U	23	7.4
78-93-3	2-Butanone (MEK)	4.3	J	5.8	0.89
591-78-6	2-Hexanone	5.8	U	5.8	1.1
108-10-1	4-Methyl-2-pentanone (MIBK)	5.8	U	5.8	2.6
67-64-1	Acetone	19		5.8	1.2
71-43-2	Benzene	1.2	U	1.2	0.23
75-25-2	Bromoform	1.2	U	1.2	0.15
74-83-9	Bromomethane	1.2	U	1.2	0.37
75-15-0	Carbon disulfide	0.87	J	1.2	0.50
56-23-5	Carbon tetrachloride	1.2	U	1.2	0.50
108-90-7	Chlorobenzene	1.2	U	1.2	0.16
74-97-5	Chlorobromomethane	1.2	U	1.2	0.20
124-48-1	Chlorodibromomethane	1.2	U	1.2	0.17
75-00-3	Chloroethane	1.2	U	1.2	0.40
67-66-3	Chloroform	1.2	U	1.2	0.24
74-87-3	Chloromethane	1.2	U	1.2	0.44
156-59-2	cis-1,2-Dichloroethene	1.2	U	1.2	0.25
10061-01-5	cis-1,3-Dichloropropene	1.2	U	1.2	0.17
110-82-7	Cyclohexane	1.2	U	1.2	0.53
75-27-4	Dichlorobromomethane	1.2	U	1.2	0.44
75-71-8	Dichlorodifluoromethane	1.2	U	1.2	0.37
100-41-4	Ethylbenzene	1.2	U	1.2	0.21
106-93-4	Ethylene Dibromide	1.2	U	1.2	0.14
98-82-8	Isopropylbenzene	1.2	U	1.2	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-G | Lab Sample ID: 460-108135-32

Matrix: Solid | Lab File ID: D19144.D

Analysis Method: 8260C | Date Collected: 01/27/2016 11:20

Sample wt/vol: 4.90(g) | Date Analyzed: 01/29/2016 10:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 11.4 | Level: (low/med) Low

Analysis Batch No.: 348160 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	5.8	U	5.8	1.0
1634-04-4	Methyl tert-butyl ether	1.2	U	1.2	0.20
108-87-2	Methylcyclohexane	1.2	U	1.2	0.58
75-09-2	Methylene Chloride	1.2	U	1.2	0.37
179601-23-1	m-Xylene & p-Xylene	1.2	U	1.2	0.13
95-47-6	o-Xylene	1.2	U	1.2	0.18
100-42-5	Styrene	1.2	U	1.2	0.17
127-18-4	Tetrachloroethene	1.2	U	1.2	0.32
108-88-3	Toluene	1.2	U	1.2	0.22
156-60-5	trans-1,2-Dichloroethene	1.2	U	1.2	0.45
10061-02-6	trans-1,3-Dichloropropene	1.2	U	1.2	0.12
79-01-6	Trichloroethene	1.2	U	1.2	0.30
75-69-4	Trichlorofluoromethane	1.2	U	1.2	0.39
75-01-4	Vinyl chloride	1.2	U	1.2	0.45
107-06-2	1,2-Dichloroethane	1.2	U	1.2	0.13
95-50-1	1,2-Dichlorobenzene	1.2	U	1.2	0.16
96-12-8	1,2-Dibromo-3-Chloropropane	1.2	U	1.2	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		78-135
460-00-4	4-Bromofluorobenzene	101		67-126
1868-53-7	Dibromofluoromethane (Surr)	101		61-149
2037-26-5	Toluene-d8 (Surr)	93		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1
SDG No.:
Client Sample ID: TB-20160127 | Lab Sample ID: 460-108135-34
Matrix: Water | Lab File ID: C07751.D
Analysis Method: 8260C | Date Collected: 01/27/2016 07:00
Sample wt/vol: 5(mL) | Date Analyzed: 01/28/2016 10:26
Soil Aliquot Vol: | Dilution Factor: 1
Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)
% Moisture: | Level: (low/med) Low
Analysis Batch No.: 347954 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	~~U~~ UJ	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

4/11/16 02/16/2016

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: TB-20160127 | Lab Sample ID: 460-108135-34

Matrix: Water | Lab File ID: C07751.D

Analysis Method: 8260C | Date Collected: 01/27/2016 07:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/28/2016 10:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 347954 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		70-137
460-00-4	4-Bromofluorobenzene	98		70-131
1868-53-7	Dibromofluoromethane (Surr)	106		72-136
2037-26-5	Toluene-d8 (Surr)	96		74-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: FB-20160127 | Lab Sample ID: 460-108135-35

Matrix: Water | Lab File ID: C07752.D

Analysis Method: 8260C | Date Collected: 01/27/2016 12:00

Sample wt/vol: 5(mL) | Date Analyzed: 01/28/2016 10:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 347954 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	~~U~~ UJ	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	~~U~~ UJ	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-108135-1

SDG No.:

Client Sample ID: FB-20160127 Lab Sample ID: 460-108135-35

Matrix: Water Lab File ID: C07752.D

Analysis Method: 8260C Date Collected: 01/27/2016 12:00

Sample wt/vol: 5(mL) Date Analyzed: 01/28/2016 10:52

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 347954 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-137
460-00-4	4-Bromofluorobenzene	99		70-131
1868-53-7	Dibromofluoromethane (Surr)	107		72-136
2037-26-5	Toluene-d8 (Surr)	100		74-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-108-C | Lab Sample ID: 460-108135-2

Matrix: Solid | Lab File ID: x0544.D

Analysis Method: 8270D | Date Collected: 01/27/2016 08:00

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0231(g) | Date Analyzed: 01/29/2016 11:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348141 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	390	U	390	33
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	29
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	16
58-90-2	2,3,4,6-Tetrachlorophenol	390	~~U~~ R	390	36
95-95-4	2,4,5-Trichlorophenol	390	~~U~~ UJ	390	39
88-06-2	2,4,6-Trichlorophenol	160	~~U~~ UJ	160	11
120-83-2	2,4-Dichlorophenol	160	~~U~~ UJ	160	9.1
105-67-9	2,4-Dimethylphenol	390	U	390	85
51-28-5	2,4-Dinitrophenol	310	U	310	290
121-14-2	2,4-Dinitrotoluene	79	U	79	15
606-20-2	2,6-Dinitrotoluene	79	U	79	21
91-58-7	2-Chloronaphthalene	390	U	390	8.8
95-57-8	2-Chlorophenol	390	~~U~~ UJ	390	9.8
91-57-6	2-Methylnaphthalene	100	J	390	8.6
95-48-7	2-Methylphenol	390	U	390	17
88-74-4	2-Nitroaniline	390	~~U~~ UJ	390	13
88-75-5	2-Nitrophenol	390	~~U~~ UJ	390	13
91-94-1	3,3'-Dichlorobenzidine	160	U	160	43
99-09-2	3-Nitroaniline	390	U	390	11
534-52-1	4,6-Dinitro-2-methylphenol	310	~~U~~ R	310	100
101-55-3	4-Bromophenyl phenyl ether	390	U	390	12
59-50-7	4-Chloro-3-methylphenol	390	U	390	17
106-47-8	4-Chloroaniline	390	U	390	10
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	12
106-44-5	4-Methylphenol	17	J	390	11
100-01-6	4-Nitroaniline	390	~~U~~ UJ	390	15
100-02-7	4-Nitrophenol	790	~~U~~ UJ	790	190
83-32-9	Acenaphthene	110	~~J~~ J	390	9.4
208-96-8	Acenaphthylene	30	J	390	10
98-86-2	Acetophenone	390	U	390	8.4
120-12-7	Anthracene	230	J	390	37
1912-24-9	Atrazine	160	U	160	17
100-52-7	Benzaldehyde	390	~~U~~ UJ	390	30
56-55-3	Benzo[a]anthracene	630		39	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-108-C | Lab Sample ID: 460-108135-2

Matrix: Solid | Lab File ID: x0544.D

Analysis Method: 8270D | Date Collected: 01/27/2016 08:00

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0231(g) | Date Analyzed: 01/29/2016 11:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348141 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	600	J	39	12
205-99-2	Benzo[b]fluoranthene	810	J	39	15
191-24-2	Benzo[g,h,i]perylene	480	J	390	22
207-08-9	Benzo[k]fluoranthene	280	J	39	17
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	12
111-44-4	Bis(2-chloroethyl)ether	39	U	39	9.1
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	15
85-68-7	Butyl benzyl phthalate	390	U	390	12
105-60-2	Caprolactam	390	U	390	28
86-74-8	Carbazole	75	J	390	9.6
218-01-9	Chrysene	680	J	390	11
53-70-3	Dibenz(a,h)anthracene	110	J	39	20
132-64-9	Dibenzofuran	88	J	390	12
84-66-2	Diethyl phthalate	390	U	390	11
131-11-3	Dimethyl phthalate	390	U	390	11
84-74-2	Di-n-butyl phthalate	390	U	390	12
117-84-0	Di-n-octyl phthalate	390	U	390	20
206-44-0	Fluoranthene	1200	J	390	11
86-73-7	Fluorene	120	J	390	8.4
118-74-1	Hexachlorobenzene	39	U	39	16
87-68-3	Hexachlorobutadiene	79	U	79	11
77-47-4	Hexachlorocyclopentadiene	390	R	390	24
67-72-1	Hexachloroethane	39	UJ	39	14
193-39-5	Indeno[1,2,3-cd]pyrene	500	J	39	26
78-59-1	Isophorone	160	U	160	8.3
91-20-3	Naphthalene	260	J	390	9.8
98-95-3	Nitrobenzene	39	U	39	12
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	13
86-30-6	N-Nitrosodiphenylamine	390	U	390	35
87-86-5	Pentachlorophenol	310	R	310	47
85-01-8	Phenanthrene	720	J	390	10
108-95-2	Phenol	390	U	390	13
129-00-0	Pyrene	1100	J	390	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (SP-10P-C) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: z40402.D

Analysis Method: 8270D | Date Collected: 01/27/2016 08:15

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0521(g) | Date Analyzed: 02/01/2016 10:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	74	J	760	65
95-94-3	1,2,4,5-Tetrachlorobenzene	760	U	760	57
108-60-1	2,2'-oxybis[1-chloropropane]	760	U	760	31
58-90-2	2,3,4,6-Tetrachlorophenol	760	U	760	72
95-95-4	2,4,5-Trichlorophenol	760	U	760	76
88-06-2	2,4,6-Trichlorophenol	310	~~U~~ UJ	310	22
120-83-2	2,4-Dichlorophenol	310	U	310	18
105-67-9	2,4-Dimethylphenol	760	U	760	170
51-28-5	2,4-Dinitrophenol	610	~~U~~ UJ	610	580
121-14-2	2,4-Dinitrotoluene	150	U	150	30
606-20-2	2,6-Dinitrotoluene	150	~~U~~ UJ	150	41
91-58-7	2-Chloronaphthalene	760	U	760	17
95-57-8	2-Chlorophenol	760	U	760	19
91-57-6	2-Methylnaphthalene	190	J	760	17
95-48-7	2-Methylphenol	760	U	760	33
88-74-4	2-Nitroaniline	760	~~U~~ UJ	760	25
88-75-5	2-Nitrophenol	760	U	760	26
91-94-1	3,3'-Dichlorobenzidine	310	U	310	85
99-09-2	3-Nitroaniline	760	~~U~~ UJ	760	23
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	200
101-55-3	4-Bromophenyl phenyl ether	760	U	760	24
59-50-7	4-Chloro-3-methylphenol	760	U	760	33
106-47-8	4-Chloroaniline	760	U	760	20
7005-72-3	4-Chlorophenyl phenyl ether	760	U	760	23
106-44-5	4-Methylphenol	24	J	760	21
100-01-6	4-Nitroaniline	760	U	760	29
100-02-7	4-Nitrophenol	1500	U	1500	370
83-32-9	Acenaphthene	760	J	760	18
208-96-8	Acenaphthylene	56	J	760	20
98-86-2	Acetophenone	760	U	760	17
120-12-7	Anthracene	2200		760	72
1912-24-9	Atrazine	310	U	310	34
100-52-7	Benzaldehyde	760	U	760	58
56-55-3	Benzo[a]anthracene	4200		76	64

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (SP-108-C) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: z40402.D

Analysis Method: 8270D | Date Collected: 01/27/2016 08:15

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0521(g) | Date Analyzed: 02/01/2016 10:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3500	J	76	23
205-99-2	Benzo[b]fluoranthene	4500	J	76	30
191-24-2	Benzo[g,h,i]perylene	2800	J	760	44
207-08-9	Benzo[k]fluoranthene	1800	J	76	33
111-91-1	Bis(2-chloroethoxy)methane	760	U	760	24
111-44-4	Bis(2-chloroethyl)ether	76	U	76	18
117-81-7	Bis(2-ethylhexyl) phthalate	760	U	760	30
85-68-7	Butyl benzyl phthalate	760	U	760	24
105-60-2	Caprolactam	760	U	760	55
86-74-8	Carbazole	440	J	760	19
218-01-9	Chrysene	4400	J	760	21
53-70-3	Dibenz(a,h)anthracene	580	J	76	40
132-64-9	Dibenzofuran	460	J	760	23
84-66-2	Diethyl phthalate	760	U	760	22
131-11-3	Dimethyl phthalate	760	U	760	22
84-74-2	Di-n-butyl phthalate	760	U	760	23
117-84-0	Di-n-octyl phthalate	760	U	760	39
206-44-0	Fluoranthene	9200	J	760	23
86-73-7	Fluorene	870	J	760	17
118-74-1	Hexachlorobenzene	76	U	76	31
87-68-3	Hexachlorobutadiene	150	U	150	21
77-47-4	Hexachlorocyclopentadiene	760	U	760	47
67-72-1	Hexachloroethane	76	U	76	28
193-39-5	Indeno[1,2,3-cd]pyrene	3100	J	76	51
78-59-1	Isophorone	310	U	310	16
91-20-3	Naphthalene	440	J	760	19
98-95-3	Nitrobenzene	76	U	76	24
621-64-7	N-Nitrosodi-n-propylamine	76	U	76	26
86-30-6	N-Nitrosodiphenylamine	760	U	760	69
87-86-5	Pentachlorophenol	610	U	610	92
85-01-8	Phenanthrene	7800	J	760	20
108-95-2	Phenol	760	U	760	25
129-00-0	Pyrene	8300	J	760	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-109-C | Lab Sample ID: 460-108135-5

Matrix: Solid | Lab File ID: z40459.D

Analysis Method: 8270D | Date Collected: 01/27/2016 08:45

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0323(g) | Date Analyzed: 02/02/2016 12:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	66	J	400	34
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	30
108-60-1	2,2'-oxybis[1-chloropropane]	400	~~U~~ UJ	400	17
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	38
95-95-4	2,4,5-Trichlorophenol	400	U	400	40
88-06-2	2,4,6-Trichlorophenol	160	U	160	11
120-83-2	2,4-Dichlorophenol	160	U	160	9.5
105-67-9	2,4-Dimethylphenol	400	U	400	88
51-28-5	2,4-Dinitrophenol	320	~~U~~ UJ	320	300
121-14-2	2,4-Dinitrotoluene	81	U	81	16
606-20-2	2,6-Dinitrotoluene	81	U	81	21
91-58-7	2-Chloronaphthalene	400	U	400	9.1
95-57-8	2-Chlorophenol	400	U	400	10
91-57-6	2-Methylnaphthalene	210	J	400	8.9
95-48-7	2-Methylphenol	400	U	400	17
88-74-4	2-Nitroaniline	400	~~U~~ UJ	400	13
88-75-5	2-Nitrophenol	400	U	400	13
91-94-1	3,3'-Dichlorobenzidine	160	U	160	45
99-09-2	3-Nitroaniline	400	U	400	12
534-52-1	4,6-Dinitro-2-methylphenol	320	U	320	110
101-55-3	4-Bromophenyl phenyl ether	400	U	400	13
59-50-7	4-Chloro-3-methylphenol	400	U	400	17
106-47-8	4-Chloroaniline	400	U	400	10
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	12
106-44-5	4-Methylphenol	12	J	400	11
100-01-6	4-Nitroaniline	400	U	400	15
100-02-7	4-Nitrophenol	810	U	810	190
83-32-9	Acenaphthene	160	~~J~~ J	400	9.7
208-96-8	Acenaphthylene	63	J	400	10
98-86-2	Acetophenone	400	U	400	8.7
120-12-7	Anthracene	410	J	400	38
1912-24-9	Atrazine	160	U	160	18
100-52-7	Benzaldehyde	400	U	400	31
56-55-3	Benzo[a]anthracene	740		40	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-109-C | Lab Sample ID: 460-108135-5
Matrix: Solid | Lab File ID: z40459.D
Analysis Method: 8270D | Date Collected: 01/27/2016 08:45
Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22
Sample wt/vol: 15.0323(g) | Date Analyzed: 02/02/2016 12:47
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | Level: (low/med) Low
% Moisture: 17.8 | GPC Cleanup:(Y/N) N
Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	780		40	12
205-99-2	Benzo[b]fluoranthene	1300		40	16
191-24-2	Benzo[g,h,i]perylene	350	J	400	23
207-08-9	Benzo[k]fluoranthene	390		40	17
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	13
111-44-4	Bis(2-chloroethyl)ether	40	U	40	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	62	J	400	16
85-68-7	Butyl benzyl phthalate	400	U	400	12
105-60-2	Caprolactam	400	U	400	29
86-74-8	Carbazole	160	J	400	10
218-01-9	Chrysene	930		400	11
53-70-3	Dibenz(a,h)anthracene	170		40	21
132-64-9	Dibenzofuran	210	J	400	12
84-66-2	Diethyl phthalate	400	U	400	11
131-11-3	Dimethyl phthalate	400	U	400	12
84-74-2	Di-n-butyl phthalate	400	U	400	12
117-84-0	Di-n-octyl phthalate	400	U	400	20
206-44-0	Fluoranthene	2100	J	400	12
86-73-7	Fluorene	230	~~J~~ J	400	8.7
118-74-1	Hexachlorobenzene	40	U	40	16
87-68-3	Hexachlorobutadiene	81	U	81	11
77-47-4	Hexachlorocyclopentadiene	400	U	400	25
67-72-1	Hexachloroethane	40	~~U~~ UJ	40	15
193-39-5	Indeno[1,2,3-cd]pyrene	470		40	27
78-59-1	Isophorone	160	U	160	8.6
91-20-3	Naphthalene	420		400	10
98-95-3	Nitrobenzene	40	U	40	13
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	13
86-30-6	N-Nitrosodiphenylamine	400	U	400	36
87-86-5	Pentachlorophenol	320	U	320	49
85-01-8	Phenanthrene	1400	J	400	11
108-95-2	Phenol	400	U	400	13
129-00-0	Pyrene	1000		400	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-2 (DUP 06 SP-109-C) | Lab Sample ID: 460-108135-6

Matrix: Solid | Lab File ID: z40413.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:00

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0112(g) | Date Analyzed: 02/01/2016 14:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	58	J	390	33
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	29
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	16
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	37
95-95-4	2,4,5-Trichlorophenol	390	U	390	39
88-06-2	2,4,6-Trichlorophenol	160	~~U~~ UJ	160	11
120-83-2	2,4-Dichlorophenol	160	U	160	9.2
105-67-9	2,4-Dimethylphenol	390	U	390	86
51-28-5	2,4-Dinitrophenol	310	~~U~~ UJ	310	300
121-14-2	2,4-Dinitrotoluene	79	U	79	15
606-20-2	2,6-Dinitrotoluene	79	~~U~~ UJ	79	21
91-58-7	2-Chloronaphthalene	390	U	390	8.9
95-57-8	2-Chlorophenol	390	U	390	9.9
91-57-6	2-Methylnaphthalene	180	J	390	8.6
95-48-7	2-Methylphenol	390	U	390	17
88-74-4	2-Nitroaniline	390	~~U~~ UJ	390	13
88-75-5	2-Nitrophenol	390	U	390	13
91-94-1	3,3'-Dichlorobenzidine	160	U	160	44
99-09-2	3-Nitroaniline	390	~~U~~ UJ	390	12
534-52-1	4,6-Dinitro-2-methylphenol	310	U	310	100
101-55-3	4-Bromophenyl phenyl ether	390	U	390	12
59-50-7	4-Chloro-3-methylphenol	390	U	390	17
106-47-8	4-Chloroaniline	390	U	390	10
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	12
106-44-5	4-Methylphenol	12	J	390	11
100-01-6	4-Nitroaniline	390	U	390	15
100-02-7	4-Nitrophenol	790	U	790	190
83-32-9	Acenaphthene	110	J	390	9.5
208-96-8	Acenaphthylene	39	J	390	10
98-86-2	Acetophenone	17	J	390	8.5
120-12-7	Anthracene	220	~~J~~ J	390	37
1912-24-9	Atrazine	160	U	160	17
100-52-7	Benzaldehyde	390	U	390	30
56-55-3	Benzo[a]anthracene	560		39	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-2 (DUP of SP-109-C) | Lab Sample ID: 460-108135-6

Matrix: Solid | Lab File ID: z40413.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:00

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0112(g) | Date Analyzed: 02/01/2016 14:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	560		39	12
205-99-2	Benzo[b]fluoranthene	870		39	15
191-24-2	Benzo[g,h,i]perylene	430		390	22
207-08-9	Benzo[k]fluoranthene	290		39	17
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	12
111-44-4	Bis(2-chloroethyl)ether	39	U	39	9.2
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	15
85-68-7	Butyl benzyl phthalate	390	U	390	12
105-60-2	Caprolactam	390	U	390	28
86-74-8	Carbazole	92	J	390	9.7
218-01-9	Chrysene	720		390	11
53-70-3	Dibenz(a,h)anthracene	150		39	20
132-64-9	Dibenzofuran	160	J	390	12
84-66-2	Diethyl phthalate	390	U	390	11
131-11-3	Dimethyl phthalate	390	U	390	11
84-74-2	Di-n-butyl phthalate	92	J	390	12
117-84-0	Di-n-octyl phthalate	390	U	390	20
206-44-0	Fluoranthene	1200	J	390	12
86-73-7	Fluorene	120	~~J~~ J	390	8.5
118-74-1	Hexachlorobenzene	39	U	39	16
87-68-3	Hexachlorobutadiene	79	U	79	11
77-47-4	Hexachlorocyclopentadiene	390	U	390	24
67-72-1	Hexachloroethane	39	U	39	14
193-39-5	Indeno[1,2,3-cd]pyrene	490		39	26
78-59-1	Isophorone	160	U	160	8.4
91-20-3	Naphthalene	390		390	9.9
98-95-3	Nitrobenzene	39	U	39	12
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	13
86-30-6	N-Nitrosodiphenylamine	390	U	390	35
87-86-5	Pentachlorophenol	310	U	310	47
85-01-8	Phenanthrene	700	J	390	10
108-95-2	Phenol	390	U	390	13
129-00-0	Pyrene	770		390	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-110-C | Lab Sample ID: 460-108135-8
Matrix: Solid | Lab File ID: z40451.D
Analysis Method: 8270D | Date Collected: 01/27/2016 09:07
Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22
Sample wt/vol: 15.0036(g) | Date Analyzed: 02/02/2016 09:43
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | Level: (low/med) Low
% Moisture: 15.8 | GPC Cleanup:(Y/N) N
Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	90	J	390	33
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	29
108-60-1	2,2'-oxybis[1-chloropropane]	390	~~U~~ UJ	390	16
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	37
95-95-4	2,4,5-Trichlorophenol	390	U	390	39
88-06-2	2,4,6-Trichlorophenol	160	U	160	11
120-83-2	2,4-Dichlorophenol	160	U	160	9.3
105-67-9	2,4-Dimethylphenol	390	U	390	86
51-28-5	2,4-Dinitrophenol	320	~~U~~ UJ	320	300
121-14-2	2,4-Dinitrotoluene	80	U	80	16
606-20-2	2,6-Dinitrotoluene	80	U	80	21
91-58-7	2-Chloronaphthalene	390	U	390	8.9
95-57-8	2-Chlorophenol	390	U	390	10
91-57-6	2-Methylnaphthalene	370	J	390	8.7
95-48-7	2-Methylphenol	390	U	390	17
88-74-4	2-Nitroaniline	390	~~U~~ UJ	390	13
88-75-5	2-Nitrophenol	390	U	390	13
91-94-1	3,3'-Dichlorobenzidine	160	U	160	44
99-09-2	3-Nitroaniline	390	U	390	12
534-52-1	4,6-Dinitro-2-methylphenol	320	U	320	100
101-55-3	4-Bromophenyl phenyl ether	390	U	390	12
59-50-7	4-Chloro-3-methylphenol	390	U	390	17
106-47-8	4-Chloroaniline	390	U	390	10
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	12
106-44-5	4-Methylphenol	27	J	390	11
100-01-6	4-Nitroaniline	390	U	390	15
100-02-7	4-Nitrophenol	800	U	800	190
83-32-9	Acenaphthene	290	~~J~~ J	390	9.5
208-96-8	Acenaphthylene	81	J	390	10
98-86-2	Acetophenone	39	J	390	8.6
120-12-7	Anthracene	610		390	37
1912-24-9	Atrazine	160	U	160	17
100-52-7	Benzaldehyde	390	U	390	30
56-55-3	Benzo[a]anthracene	1700		39	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-110-C | Lab Sample ID: 460-108135-8

Matrix: Solid | Lab File ID: z40451.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:07

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0036(g) | Date Analyzed: 02/02/2016 09:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1700		39	12
205-99-2	Benzo[b]fluoranthene	2500		39	15
191-24-2	Benzo[g,h,i]perylene	1100		390	23
207-08-9	Benzo[k]fluoranthene	860		39	17
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	12
111-44-4	Bis(2-chloroethyl)ether	39	U	39	9.3
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	15
85-68-7	Butyl benzyl phthalate	390	U	390	12
105-60-2	Caprolactam	390	U	390	28
86-74-8	Carbazole	300	J	390	9.7
218-01-9	Chrysene	2000		390	11
53-70-3	Dibenz(a,h)anthracene	380		39	20
132-64-9	Dibenzofuran	300	J	390	12
84-66-2	Diethyl phthalate	23	J	390	11
131-11-3	Dimethyl phthalate	390	U	390	11
84-74-2	Di-n-butyl phthalate	390	U	390	12
117-84-0	Di-n-octyl phthalate	390	U	390	20
206-44-0	Fluoranthene	3800		390	12
86-73-7	Fluorene	270	J	390	8.6
118-74-1	Hexachlorobenzene	39	U	39	16
87-68-3	Hexachlorobutadiene	80	U	80	11
77-47-4	Hexachlorocyclopentadiene	390	U	390	24
67-72-1	Hexachloroethane	39	~~U~~ UJ	39	14
193-39-5	Indeno[1,2,3-cd]pyrene	1300		39	26
78-59-1	Isophorone	160	U	160	8.4
91-20-3	Naphthalene	870		390	10
98-95-3	Nitrobenzene	39	U	39	12
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	13
86-30-6	N-Nitrosodiphenylamine	390	U	390	36
87-86-5	Pentachlorophenol	320	U	320	48
85-01-8	Phenanthrene	2200		390	10
108-95-2	Phenol	390	U	390	13
129-00-0	Pyrene	2100		390	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-C | Lab Sample ID: 460-108135-10

Matrix: Solid | Lab File ID: x0642.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:12

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0369(g) | Date Analyzed: 02/03/2016 10:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348727 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	820	U	820	70
95-94-3	1,2,4,5-Tetrachlorobenzene	820	U	820	61
108-60-1	2,2'-oxybis[1-chloropropane]	820	U	820	34
58-90-2	2,3,4,6-Tetrachlorophenol	820	U	820	78
95-95-4	2,4,5-Trichlorophenol	820	U	820	82
88-06-2	2,4,6-Trichlorophenol	330	U	330	23
120-83-2	2,4-Dichlorophenol	330	U	330	19
105-67-9	2,4-Dimethylphenol	820	U	820	180
51-28-5	2,4-Dinitrophenol	660	U	660	620
121-14-2	2,4-Dinitrotoluene	170	U	170	33
606-20-2	2,6-Dinitrotoluene	170	U	170	44
91-58-7	2-Chloronaphthalene	820	U	820	19
95-57-8	2-Chlorophenol	820	U	820	21
91-57-6	2-Methylnaphthalene	190	J	820	18
95-48-7	2-Methylphenol	820	U	820	36
88-74-4	2-Nitroaniline	820	U	820	27
88-75-5	2-Nitrophenol	820	U	820	28
91-94-1	3,3'-Dichlorobenzidine	330	U	330	92
99-09-2	3-Nitroaniline	820	U	820	24
534-52-1	4,6-Dinitro-2-methylphenol	660	U	660	220
101-55-3	4-Bromophenyl phenyl ether	820	U	820	26
59-50-7	4-Chloro-3-methylphenol	820	U	820	35
106-47-8	4-Chloroaniline	820	U	820	21
7005-72-3	4-Chlorophenyl phenyl ether	820	U	820	25
106-44-5	4-Methylphenol	820	U	820	22
100-01-6	4-Nitroaniline	820	U	820	31
100-02-7	4-Nitrophenol	1700	U	1700	400
83-32-9	Acenaphthene	390	J	820	20
208-96-8	Acenaphthylene	160	J	820	21
98-86-2	Acetophenone	820	U	820	18
120-12-7	Anthracene	1200		820	78
1912-24-9	Atrazine	330	U	330	37
100-52-7	Benzaldehyde	820	U	820	63
56-55-3	Benzo[a]anthracene	3300		82	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-C | Lab Sample ID: 460-108135-10

Matrix: Solid | Lab File ID: x0642.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:12

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0369(g) | Date Analyzed: 02/03/2016 10:06

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348727 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3200		82	25
205-99-2	Benzo[b]fluoranthene	4000		82	32
191-24-2	Benzo[g,h,i]perylene	1500		820	47
207-08-9	Benzo[k]fluoranthene	1500		82	36
111-91-1	Bis(2-chloroethoxy)methane	820	U	820	26
111-44-4	Bis(2-chloroethyl)ether	82	U	82	19
117-81-7	Bis(2-ethylhexyl) phthalate	180	J	820	32
85-68-7	Butyl benzyl phthalate	820	U	820	25
105-60-2	Caprolactam	820	U	820	59
86-74-8	Carbazole	450	J	820	20
218-01-9	Chrysene	3500		820	22
53-70-3	Dibenz(a,h)anthracene	520		82	43
132-64-9	Dibenzofuran	290	J	820	25
84-66-2	Diethyl phthalate	820	U	820	23
131-11-3	Dimethyl phthalate	820	U	820	24
84-74-2	Di-n-butyl phthalate	820	U	820	25
117-84-0	Di-n-octyl phthalate	820	U	820	42
206-44-0	Fluoranthene	7900		820	24
86-73-7	Fluorene	440	J	820	18
118-74-1	Hexachlorobenzene	82	U	82	33
87-68-3	Hexachlorobutadiene	170	U	170	23
77-47-4	Hexachlorocyclopentadiene	820	U	820	51
67-72-1	Hexachloroethane	82	U	82	30
193-39-5	Indeno[1,2,3-cd]pyrene	2000		82	55
78-59-1	Isophorone	330	U	330	18
91-20-3	Naphthalene	370	J	820	21
98-95-3	Nitrobenzene	82	U	82	26
621-64-7	N-Nitrosodi-n-propylamine	82	U	82	28
86-30-6	N-Nitrosodiphenylamine	820	U	820	75
87-86-5	Pentachlorophenol	660	U	660	100
85-01-8	Phenanthrene	4400		820	22
108-95-2	Phenol	820	U	820	27
129-00-0	Pyrene	3800		820	37

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-112-C | Lab Sample ID: 460-108135-12
Matrix: Solid | Lab File ID: z40453.D
Analysis Method: 8270D | Date Collected: 01/27/2016 09:17
Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22
Sample wt/vol: 15.0571(g) | Date Analyzed: 02/02/2016 10:29
Con. Extract Vol.: 1(mL) | Dilution Factor: 2
Injection Volume: 1(uL) | Level: (low/med) Low
% Moisture: 18.0 | GPC Cleanup:(Y/N) N
Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	90	J	800	69
95-94-3	1,2,4,5-Tetrachlorobenzene	800	U	800	60
108-60-1	2,2'-oxybis[1-chloropropane]	800	~~U~~ UJ	800	33
58-90-2	2,3,4,6-Tetrachlorophenol	800	U	800	76
95-95-4	2,4,5-Trichlorophenol	800	U	800	80
88-06-2	2,4,6-Trichlorophenol	320	U	320	23
120-83-2	2,4-Dichlorophenol	320	U	320	19
105-67-9	2,4-Dimethylphenol	800	U	800	180
51-28-5	2,4-Dinitrophenol	650	~~U~~ UJ	650	610
121-14-2	2,4-Dinitrotoluene	160	U	160	32
606-20-2	2,6-Dinitrotoluene	160	U	160	43
91-58-7	2-Chloronaphthalene	800	U	800	18
95-57-8	2-Chlorophenol	800	U	800	20
91-57-6	2-Methylnaphthalene	270	J	800	18
95-48-7	2-Methylphenol	800	U	800	35
88-74-4	2-Nitroaniline	800	~~U~~ UJ	800	26
88-75-5	2-Nitrophenol	800	U	800	27
91-94-1	3,3'-Dichlorobenzidine	320	U	320	90
99-09-2	3-Nitroaniline	800	U	800	24
534-52-1	4,6-Dinitro-2-methylphenol	650	U	650	210
101-55-3	4-Bromophenyl phenyl ether	800	U	800	25
59-50-7	4-Chloro-3-methylphenol	800	U	800	35
106-47-8	4-Chloroaniline	800	U	800	21
7005-72-3	4-Chlorophenyl phenyl ether	800	U	800	24
106-44-5	4-Methylphenol	31	J	800	22
100-01-6	4-Nitroaniline	800	U	800	30
100-02-7	4-Nitrophenol	1600	U	1600	390
83-32-9	Acenaphthene	610	~~J~~ J	800	19
208-96-8	Acenaphthylene	170	J	800	21
98-86-2	Acetophenone	27	J	800	17
120-12-7	Anthracene	1600		800	76
1912-24-9	Atrazine	320	U	320	36
100-52-7	Benzaldehyde	800	U	800	61
56-55-3	Benzo[a]anthracene	4200		80	67

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-112-C | Lab Sample ID: 460-108135-12

Matrix: Solid | Lab File ID: z40453.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:17

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0571(g) | Date Analyzed: 02/02/2016 10:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	4200		80	24
205-99-2	Benzo[b]fluoranthene	5700		80	31
191-24-2	Benzo[g,h,i]perylene	1700		800	46
207-08-9	Benzo[k]fluoranthene	2200		80	35
111-91-1	Bis(2-chloroethoxy)methane	800	U	800	25
111-44-4	Bis(2-chloroethyl)ether	80	U	80	19
117-81-7	Bis(2-ethylhexyl) phthalate	210	J	800	31
85-68-7	Butyl benzyl phthalate	800	U	800	25
105-60-2	Caprolactam	800	U	800	58
86-74-8	Carbazole	800		800	20
218-01-9	Chrysene	4700		800	22
53-70-3	Dibenz(a,h)anthracene	740		80	42
132-64-9	Dibenzofuran	440	J	800	24
84-66-2	Diethyl phthalate	800	U	800	23
131-11-3	Dimethyl phthalate	800	U	800	23
84-74-2	Di-n-butyl phthalate	800	U	800	24
117-84-0	Di-n-octyl phthalate	800	U	800	41
206-44-0	Fluoranthene	11000		800	24
86-73-7	Fluorene	640	J	800	17
118-74-1	Hexachlorobenzene	80	U	80	33
87-68-3	Hexachlorobutadiene	160	U	160	23
77-47-4	Hexachlorocyclopentadiene	800	U	800	50
67-72-1	Hexachloroethane	80	~~U~~ UJ	80	29
193-39-5	Indeno[1,2,3-cd]pyrene	2300		80	53
78-59-1	Isophorone	320	U	320	17
91-20-3	Naphthalene	650	J	800	20
98-95-3	Nitrobenzene	80	U	80	25
621-64-7	N-Nitrosodi-n-propylamine	80	U	80	27
86-30-6	N-Nitrosodiphenylamine	800	U	800	73
87-86-5	Pentachlorophenol	650	U	650	97
85-01-8	Phenanthrene	5700		800	21
108-95-2	Phenol	800	U	800	26
129-00-0	Pyrene	5100		800	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-C | Lab Sample ID: 460-108135-14

Matrix: Solid | Lab File ID: z40417.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:22

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0457(g) | Date Analyzed: 02/01/2016 15:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	42	J	400	34
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	30
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	17
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	38
95-95-4	2,4,5-Trichlorophenol	400	U	400	40
88-06-2	2,4,6-Trichlorophenol	160	~~U~~ UJ	160	11
120-83-2	2,4-Dichlorophenol	160	U	160	9.5
105-67-9	2,4-Dimethylphenol	400	U	400	88
51-28-5	2,4-Dinitrophenol	320	~~U~~ UJ	320	300
121-14-2	2,4-Dinitrotoluene	82	U	82	16
606-20-2	2,6-Dinitrotoluene	82	~~U~~ UJ	82	21
91-58-7	2-Chloronaphthalene	400	U	400	9.1
95-57-8	2-Chlorophenol	400	U	400	10
91-57-6	2-Methylnaphthalene	160	J	400	8.9
95-48-7	2-Methylphenol	400	U	400	18
88-74-4	2-Nitroaniline	400	~~U~~ UJ	400	13
88-75-5	2-Nitrophenol	400	U	400	14
91-94-1	3,3'-Dichlorobenzidine	160	U	160	45
99-09-2	3-Nitroaniline	400	~~U~~ UJ	400	12
534-52-1	4,6-Dinitro-2-methylphenol	320	U	320	110
101-55-3	4-Bromophenyl phenyl ether	400	U	400	13
59-50-7	4-Chloro-3-methylphenol	400	U	400	17
106-47-8	4-Chloroaniline	400	U	400	10
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	12
106-44-5	4-Methylphenol	29	J	400	11
100-01-6	4-Nitroaniline	400	U	400	15
100-02-7	4-Nitrophenol	820	U	820	190
83-32-9	Acenaphthene	180	J	400	9.7
208-96-8	Acenaphthylene	62	J	400	10
98-86-2	Acetophenone	400	U	400	8.8
120-12-7	Anthracene	470		400	38
1912-24-9	Atrazine	160	U	160	18
100-52-7	Benzaldehyde	400	U	400	31
56-55-3	Benzo[a]anthracene	970		40	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-C | Lab Sample ID: 460-108135-14

Matrix: Solid | Lab File ID: z40417.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:22

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0457(g) | Date Analyzed: 02/01/2016 15:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	990		40	12
205-99-2	Benzo[b]fluoranthene	1300		40	16
191-24-2	Benzo[g,h,i]perylene	430		400	23
207-08-9	Benzo[k]fluoranthene	560		40	18
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	13
111-44-4	Bis(2-chloroethyl)ether	40	U	40	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	16
85-68-7	Butyl benzyl phthalate	400	U	400	12
105-60-2	Caprolactam	400	U	400	29
86-74-8	Carbazole	160	J	400	10
218-01-9	Chrysene	1100		400	11
53-70-3	Dibenz(a,h)anthracene	140		40	21
132-64-9	Dibenzofuran	180	J	400	12
84-66-2	Diethyl phthalate	400	U	400	11
131-11-3	Dimethyl phthalate	400	U	400	12
84-74-2	Di-n-butyl phthalate	400	U	400	12
117-84-0	Di-n-octyl phthalate	400	U	400	20
206-44-0	Fluoranthene	2500		400	12
86-73-7	Fluorene	230	J	400	8.8
118-74-1	Hexachlorobenzene	40	U	40	16
87-68-3	Hexachlorobutadiene	82	U	82	11
77-47-4	Hexachlorocyclopentadiene	400	U	400	25
67-72-1	Hexachloroethane	40	U	40	15
193-39-5	Indeno[1,2,3-cd]pyrene	540		40	27
78-59-1	Isophorone	160	U	160	8.6
91-20-3	Naphthalene	370	J	400	10
98-95-3	Nitrobenzene	40	U	40	13
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	14
86-30-6	N-Nitrosodiphenylamine	400	U	400	37
87-86-5	Pentachlorophenol	320	U	320	49
85-01-8	Phenanthrene	1500		400	11
108-95-2	Phenol	400	U	400	13
129-00-0	Pyrene	1300		400	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-C | Lab Sample ID: 460-108135-16

Matrix: Solid | Lab File ID: z40418.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:27

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0114(g) | Date Analyzed: 02/01/2016 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	42	J	400	35
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	30
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	17
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	38
95-95-4	2,4,5-Trichlorophenol	400	U	400	40
88-06-2	2,4,6-Trichlorophenol	160	~~U~~ UJ	160	12
120-83-2	2,4-Dichlorophenol	160	U	160	9.6
105-67-9	2,4-Dimethylphenol	400	U	400	89
51-28-5	2,4-Dinitrophenol	330	~~U~~ UJ	330	310
121-14-2	2,4-Dinitrotoluene	82	U	82	16
606-20-2	2,6-Dinitrotoluene	82	~~U~~ UJ	82	22
91-58-7	2-Chloronaphthalene	400	U	400	9.2
95-57-8	2-Chlorophenol	400	U	400	10
91-57-6	2-Methylnaphthalene	150	J	400	8.9
95-48-7	2-Methylphenol	400	U	400	18
88-74-4	2-Nitroaniline	400	~~U~~ UJ	400	13
88-75-5	2-Nitrophenol	400	U	400	14
91-94-1	3,3'-Dichlorobenzidine	160	U	160	45
99-09-2	3-Nitroaniline	400	~~U~~ UJ	400	12
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	110
101-55-3	4-Bromophenyl phenyl ether	400	U	400	13
59-50-7	4-Chloro-3-methylphenol	400	U	400	17
106-47-8	4-Chloroaniline	400	U	400	10
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	12
106-44-5	4-Methylphenol	46	J	400	11
100-01-6	4-Nitroaniline	400	U	400	15
100-02-7	4-Nitrophenol	820	U	820	190
83-32-9	Acenaphthene	220	J	400	9.8
208-96-8	Acenaphthylene	73	J	400	10
98-86-2	Acetophenone	400	U	400	8.8
120-12-7	Anthracene	860		400	38
1912-24-9	Atrazine	160	U	160	18
100-52-7	Benzaldehyde	400	U	400	31
56-55-3	Benzo[a]anthracene	1900		40	34

JAF 2/1/2016 02/16/2016

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-C | Lab Sample ID: 460-108135-16

Matrix: Solid | Lab File ID: z40418.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:27

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0114(g) | Date Analyzed: 02/01/2016 16:22

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1800		40	12
205-99-2	Benzo[b]fluoranthene	2500		40	16
191-24-2	Benzo[g,h,i]perylene	860		400	23
207-08-9	Benzo[k]fluoranthene	1000		40	18
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	13
111-44-4	Bis(2-chloroethyl)ether	40	U	40	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	16
85-68-7	Butyl benzyl phthalate	400	U	400	12
105-60-2	Caprolactam	34	J	400	29
86-74-8	Carbazole	330	J	400	10
218-01-9	Chrysene	2200		400	11
53-70-3	Dibenz(a,h)anthracene	290		40	21
132-64-9	Dibenzofuran	210	J	400	12
84-66-2	Diethyl phthalate	400	U	400	12
131-11-3	Dimethyl phthalate	400	U	400	12
84-74-2	Di-n-butyl phthalate	400	U	400	12
117-84-0	Di-n-octyl phthalate	400	U	400	21
206-44-0	Fluoranthene	5100		400	12
86-73-7	Fluorene	300	J	400	8.8
118-74-1	Hexachlorobenzene	40	U	40	16
87-68-3	Hexachlorobutadiene	82	U	82	11
77-47-4	Hexachlorocyclopentadiene	400	U	400	25
67-72-1	Hexachloroethane	40	U	40	15
193-39-5	Indeno[1,2,3-cd]pyrene	1100		40	27
78-59-1	Isophorone	160	U	160	8.7
91-20-3	Naphthalene	310	J	400	10
98-95-3	Nitrobenzene	40	U	40	13
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	14
86-30-6	N-Nitrosodiphenylamine	46	J	400	37
87-86-5	Pentachlorophenol	330	U	330	49
85-01-8	Phenanthrene	2700		400	11
108-95-2	Phenol	400	U	400	13
129-00-0	Pyrene	2400		400	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-C | Lab Sample ID: 460-108135-18

Matrix: Solid | Lab File ID: z40419.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:32

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0232(g) | Date Analyzed: 02/01/2016 16:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	54	J	410	35
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	410	31
108-60-1	2,2'-oxybis[1-chloropropane]	410	U	410	17
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	39
95-95-4	2,4,5-Trichlorophenol	410	U	410	41
88-06-2	2,4,6-Trichlorophenol	170	~~U~~ UJ	170	12
120-83-2	2,4-Dichlorophenol	170	U	170	9.8
105-67-9	2,4-Dimethylphenol	410	U	410	91
51-28-5	2,4-Dinitrophenol	330	~~U~~ UJ	330	310
121-14-2	2,4-Dinitrotoluene	84	U	84	16
606-20-2	2,6-Dinitrotoluene	84	~~U~~ UJ	84	22
91-58-7	2-Chloronaphthalene	410	U	410	9.4
95-57-8	2-Chlorophenol	410	U	410	11
91-57-6	2-Methylnaphthalene	170	J	410	9.2
95-48-7	2-Methylphenol	410	U	410	18
88-74-4	2-Nitroaniline	410	~~U~~ UJ	410	14
88-75-5	2-Nitrophenol	410	U	410	14
91-94-1	3,3'-Dichlorobenzidine	170	U	170	46
99-09-2	3-Nitroaniline	410	~~U~~ UJ	410	12
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	110
101-55-3	4-Bromophenyl phenyl ether	410	U	410	13
59-50-7	4-Chloro-3-methylphenol	410	U	410	18
106-47-8	4-Chloroaniline	410	U	410	11
7005-72-3	4-Chlorophenyl phenyl ether	410	U	410	12
106-44-5	4-Methylphenol	15	J	410	11
100-01-6	4-Nitroaniline	410	U	410	16
100-02-7	4-Nitrophenol	840	U	840	200
83-32-9	Acenaphthene	200	J	410	10
208-96-8	Acenaphthylene	57	J	410	11
98-86-2	Acetophenone	16	J	410	9.0
120-12-7	Anthracene	330	J	410	39
1912-24-9	Atrazine	170	U	170	18
100-52-7	Benzaldehyde	36	J	410	32
56-55-3	Benzo[a]anthracene	690		41	35

4/17/16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-C | Lab Sample ID: 460-108135-18

Matrix: Solid | Lab File ID: z40419.D

Analysis Method: 8270D | Date Collected: 01/27/2016 09:32

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0232(g) | Date Analyzed: 02/01/2016 16:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	700		41	13
205-99-2	Benzo[b]fluoranthene	990		41	16
191-24-2	Benzo[g,h,i]perylene	330	J	410	24
207-08-9	Benzo[k]fluoranthene	400		41	18
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	13
111-44-4	Bis(2-chloroethyl)ether	41	U	41	9.8
117-81-7	Bis(2-ethylhexyl) phthalate	410	U	410	16
85-68-7	Butyl benzyl phthalate	410	U	410	13
105-60-2	Caprolactam	52	J	410	30
86-74-8	Carbazole	140	J	410	10
218-01-9	Chrysene	820		410	11
53-70-3	Dibenz(a,h)anthracene	93		41	22
132-64-9	Dibenzofuran	180	J	410	13
84-66-2	Diethyl phthalate	410	U	410	12
131-11-3	Dimethyl phthalate	410	U	410	12
84-74-2	Di-n-butyl phthalate	410	U	410	12
117-84-0	Di-n-octyl phthalate	410	U	410	21
206-44-0	Fluoranthene	1800		410	12
86-73-7	Fluorene	160	J	410	9.0
118-74-1	Hexachlorobenzene	41	U	41	17
87-68-3	Hexachlorobutadiene	84	U	84	12
77-47-4	Hexachlorocyclopentadiene	410	U	410	26
67-72-1	Hexachloroethane	41	U	41	15
193-39-5	Indeno[1,2,3-cd]pyrene	380		41	28
78-59-1	Isophorone	38	J	170	8.9
91-20-3	Naphthalene	380	J	410	11
98-95-3	Nitrobenzene	41	U	41	13
621-64-7	N-Nitrosodi-n-propylamine	41	U	41	14
86-30-6	N-Nitrosodiphenylamine	410	U	410	38
87-86-5	Pentachlorophenol	330	U	330	50
85-01-8	Phenanthrene	1200		410	11
108-95-2	Phenol	410	U	410	14
129-00-0	Pyrene	1100		410	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-116-C | Lab Sample ID: 460-108135-20
Matrix: Solid | Lab File ID: z40420.D
Analysis Method: 8270D | Date Collected: 01/27/2016 10:42
Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22
Sample wt/vol: 15.0347(g) | Date Analyzed: 02/01/2016 17:08
Con. Extract Vol.: 1(mL) | Dilution Factor: 1
Injection Volume: 1(uL) | Level: (low/med) Low
% Moisture: 13.7 | GPC Cleanup:(Y/N) N
Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	91	J	380	33
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	28
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	16
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	36
95-95-4	2,4,5-Trichlorophenol	380	U	380	38
88-06-2	2,4,6-Trichlorophenol	150	~~U~~ UJ	150	11
120-83-2	2,4-Dichlorophenol	150	U	150	9.0
105-67-9	2,4-Dimethylphenol	380	U	380	84
51-28-5	2,4-Dinitrophenol	310	~~U~~ UJ	310	290
121-14-2	2,4-Dinitrotoluene	77	U	77	15
606-20-2	2,6-Dinitrotoluene	77	~~U~~ UJ	77	20
91-58-7	2-Chloronaphthalene	380	U	380	8.7
95-57-8	2-Chlorophenol	380	U	380	9.7
91-57-6	2-Methylnaphthalene	340	J	380	8.4
95-48-7	2-Methylphenol	380	U	380	17
88-74-4	2-Nitroaniline	380	~~U~~ UJ	380	13
88-75-5	2-Nitrophenol	380	U	380	13
91-94-1	3,3'-Dichlorobenzidine	150	U	150	43
99-09-2	3-Nitroaniline	380	~~U~~ UJ	380	11
534-52-1	4,6-Dinitro-2-methylphenol	310	U	310	100
101-55-3	4-Bromophenyl phenyl ether	380	U	380	12
59-50-7	4-Chloro-3-methylphenol	380	U	380	16
106-47-8	4-Chloroaniline	380	U	380	9.8
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	11
106-44-5	4-Methylphenol	47	J	380	10
100-01-6	4-Nitroaniline	380	U	380	14
100-02-7	4-Nitrophenol	770	U	770	180
83-32-9	Acenaphthene	150	J	380	9.3
208-96-8	Acenaphthylene	95	J	380	9.8
98-86-2	Acetophenone	44	J	380	8.3
120-12-7	Anthracene	410		380	36
1912-24-9	Atrazine	150	U	150	17
100-52-7	Benzaldehyde	47	J	380	29
56-55-3	Benzo[a]anthracene	940		38	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-116-C | Lab Sample ID: 460-108135-20

Matrix: Solid | Lab File ID: z40420.D

Analysis Method: 8270D | Date Collected: 01/27/2016 10:42

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0347(g) | Date Analyzed: 02/01/2016 17:08

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	760		38	12
205-99-2	Benzo[b]fluoranthene	1500		38	15
191-24-2	Benzo[g,h,i]perylene	340	J	380	22
207-08-9	Benzo[k]fluoranthene	520		38	17
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	12
111-44-4	Bis(2-chloroethyl)ether	38	U	38	9.0
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	15
85-68-7	Butyl benzyl phthalate	380	U	380	12
105-60-2	Caprolactam	380	U	380	28
86-74-8	Carbazole	180	J	380	9.5
218-01-9	Chrysene	1300		380	10
53-70-3	Dibenz(a,h)anthracene	150		38	20
132-64-9	Dibenzofuran	270	J	380	12
84-66-2	Diethyl phthalate	380	U	380	11
131-11-3	Dimethyl phthalate	380	U	380	11
84-74-2	Di-n-butyl phthalate	380	U	380	11
117-84-0	Di-n-octyl phthalate	380	U	380	19
206-44-0	Fluoranthene	2600		380	11
86-73-7	Fluorene	220	J	380	8.3
118-74-1	Hexachlorobenzene	38	U	38	15
87-68-3	Hexachlorobutadiene	77	U	77	11
77-47-4	Hexachlorocyclopentadiene	380	U	380	24
67-72-1	Hexachloroethane	38	U	38	14
193-39-5	Indeno[1,2,3-cd]pyrene	450		38	25
78-59-1	Isophorone	31	J	150	8.2
91-20-3	Naphthalene	530		380	9.7
98-95-3	Nitrobenzene	38	U	38	12
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	13
86-30-6	N-Nitrosodiphenylamine	380	U	380	35
87-86-5	Pentachlorophenol	310	U	310	46
85-01-8	Phenanthrene	1500		380	10
108-95-2	Phenol	380	U	380	12
129-00-0	Pyrene	1200		380	17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-C | Lab Sample ID: 460-108135-22

Matrix: Solid | Lab File ID: z40421.D

Analysis Method: 8270D | Date Collected: 01/27/2016 10:47

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0511(g) | Date Analyzed: 02/01/2016 17:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	72	J	400	34
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	400	30
108-60-1	2,2'-oxybis[1-chloropropane]	400	U	400	16
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	400	38
95-95-4	2,4,5-Trichlorophenol	400	U	400	40
88-06-2	2,4,6-Trichlorophenol	160	~~U~~ UJ	160	11
120-83-2	2,4-Dichlorophenol	160	U	160	9.5
105-67-9	2,4-Dimethylphenol	400	U	400	88
51-28-5	2,4-Dinitrophenol	320	~~U~~ UJ	320	300
121-14-2	2,4-Dinitrotoluene	81	U	81	16
606-20-2	2,6-Dinitrotoluene	81	~~U~~ UJ	81	21
91-58-7	2-Chloronaphthalene	400	U	400	9.1
95-57-8	2-Chlorophenol	400	U	400	10
91-57-6	2-Methylnaphthalene	230	J	400	8.9
95-48-7	2-Methylphenol	400	U	400	17
88-74-4	2-Nitroaniline	400	~~U~~ UJ	400	13
88-75-5	2-Nitrophenol	400	U	400	13
91-94-1	3,3'-Dichlorobenzidine	160	U	160	45
99-09-2	3-Nitroaniline	400	~~U~~ UJ	400	12
534-52-1	4,6-Dinitro-2-methylphenol	320	U	320	110
101-55-3	4-Bromophenyl phenyl ether	400	U	400	13
59-50-7	4-Chloro-3-methylphenol	400	U	400	17
106-47-8	4-Chloroaniline	400	U	400	10
7005-72-3	4-Chlorophenyl phenyl ether	400	U	400	12
106-44-5	4-Methylphenol	27	J	400	11
100-01-6	4-Nitroaniline	400	U	400	15
100-02-7	4-Nitrophenol	810	U	810	190
83-32-9	Acenaphthene	230	J	400	9.7
208-96-8	Acenaphthylene	70	J	400	10
98-86-2	Acetophenone	26	J	400	8.7
120-12-7	Anthracene	600		400	38
1912-24-9	Atrazine	160	U	160	18
100-52-7	Benzaldehyde	32	J	400	31
56-55-3	Benzo[a]anthracene	1300		40	33

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-C | Lab Sample ID: 460-108135-22

Matrix: Solid | Lab File ID: z40421.D

Analysis Method: 8270D | Date Collected: 01/27/2016 10:47

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0511(g) | Date Analyzed: 02/01/2016 17:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1300		40	12
205-99-2	Benzo[b]fluoranthene	1800		40	16
191-24-2	Benzo[g,h,i]perylene	670		400	23
207-08-9	Benzo[k]fluoranthene	660		40	17
111-91-1	Bis(2-chloroethoxy)methane	400	U	400	12
111-44-4	Bis(2-chloroethyl)ether	40	U	40	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	400	U	400	16
85-68-7	Butyl benzyl phthalate	400	U	400	12
105-60-2	Caprolactam	400	U	400	29
86-74-8	Carbazole	240	J	400	9.9
218-01-9	Chrysene	1500		400	11
53-70-3	Dibenz(a,h)anthracene	180		40	21
132-64-9	Dibenzofuran	270	J	400	12
84-66-2	Diethyl phthalate	400	U	400	11
131-11-3	Dimethyl phthalate	400	U	400	12
84-74-2	Di-n-butyl phthalate	400	U	400	12
117-84-0	Di-n-octyl phthalate	400	U	400	20
206-44-0	Fluoranthene	3400		400	12
86-73-7	Fluorene	270	J	400	8.7
118-74-1	Hexachlorobenzene	40	U	40	16
87-68-3	Hexachlorobutadiene	81	U	81	11
77-47-4	Hexachlorocyclopentadiene	400	U	400	25
67-72-1	Hexachloroethane	40	U	40	15
193-39-5	Indeno[1,2,3-cd]pyrene	790		40	27
78-59-1	Isophorone	160	U	160	8.6
91-20-3	Naphthalene	460		400	10
98-95-3	Nitrobenzene	40	U	40	13
621-64-7	N-Nitrosodi-n-propylamine	40	U	40	13
86-30-6	N-Nitrosodiphenylamine	400	U	400	36
87-86-5	Pentachlorophenol	320	U	320	49
85-01-8	Phenanthrene	1900		400	11
108-95-2	Phenol	400	U	400	13
129-00-0	Pyrene	1600		400	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-C | Lab Sample ID: 460-108135-24

Matrix: Solid | Lab File ID: z40422.D

Analysis Method: 8270D | Date Collected: 01/27/2016 10:52

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0234(g) | Date Analyzed: 02/01/2016 17:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	51	J	410	35
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	410	31
108-60-1	2,2'-oxybis[1-chloropropane]	410	U	410	17
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	39
95-95-4	2,4,5-Trichlorophenol	410	U	410	41
88-06-2	2,4,6-Trichlorophenol	170	~~U~~ UJ	170	12
120-83-2	2,4-Dichlorophenol	170	U	170	9.8
105-67-9	2,4-Dimethylphenol	410	U	410	91
51-28-5	2,4-Dinitrophenol	330	~~U~~ UJ	330	310
121-14-2	2,4-Dinitrotoluene	84	U	84	16
606-20-2	2,6-Dinitrotoluene	84	~~U~~ UJ	84	22
91-58-7	2-Chloronaphthalene	410	U	410	9.4
95-57-8	2-Chlorophenol	410	U	410	11
91-57-6	2-Methylnaphthalene	150	J	410	9.2
95-48-7	2-Methylphenol	410	U	410	18
88-74-4	2-Nitroaniline	410	~~U~~ UJ	410	14
88-75-5	2-Nitrophenol	410	U	410	14
91-94-1	3,3'-Dichlorobenzidine	170	U	170	46
99-09-2	3-Nitroaniline	410	~~U~~ UJ	410	12
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	110
101-55-3	4-Bromophenyl phenyl ether	410	U	410	13
59-50-7	4-Chloro-3-methylphenol	410	U	410	18
106-47-8	4-Chloroaniline	410	U	410	11
7005-72-3	4-Chlorophenyl phenyl ether	410	U	410	12
106-44-5	4-Methylphenol	26	J	410	11
100-01-6	4-Nitroaniline	410	U	410	16
100-02-7	4-Nitrophenol	840	U	840	200
83-32-9	Acenaphthene	180	J	410	10
208-96-8	Acenaphthylene	99	J	410	11
98-86-2	Acetophenone	23	J	410	9.1
120-12-7	Anthracene	520		410	39
1912-24-9	Atrazine	170	U	170	18
100-52-7	Benzaldehyde	410	U	410	32
56-55-3	Benzo[a]anthracene	1400		41	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-C | Lab Sample ID: 460-108135-24

Matrix: Solid | Lab File ID: z40422.D

Analysis Method: 8270D | Date Collected: 01/27/2016 10:52

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0234(g) | Date Analyzed: 02/01/2016 17:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1500		41	13
205-99-2	Benzo[b]fluoranthene	2100		41	16
191-24-2	Benzo[g,h,i]perylene	720		410	24
207-08-9	Benzo[k]fluoranthene	820		41	18
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	13
111-44-4	Bis(2-chloroethyl)ether	41	U	41	9.8
117-81-7	Bis(2-ethylhexyl) phthalate	410	U	410	16
85-68-7	Butyl benzyl phthalate	410	U	410	13
105-60-2	Caprolactam	410	U	410	30
86-74-8	Carbazole	220	J	410	10
218-01-9	Chrysene	1600		410	11
53-70-3	Dibenz(a,h)anthracene	220		41	22
132-64-9	Dibenzofuran	190	J	410	13
84-66-2	Diethyl phthalate	410	U	410	12
131-11-3	Dimethyl phthalate	410	U	410	12
84-74-2	Di-n-butyl phthalate	410	U	410	12
117-84-0	Di-n-octyl phthalate	410	U	410	21
206-44-0	Fluoranthene	3500		410	12
86-73-7	Fluorene	220	J	410	9.1
118-74-1	Hexachlorobenzene	41	U	41	17
87-68-3	Hexachlorobutadiene	84	U	84	12
77-47-4	Hexachlorocyclopentadiene	410	U	410	26
67-72-1	Hexachloroethane	41	U	41	15
193-39-5	Indeno[1,2,3-cd]pyrene	840		41	28
78-59-1	Isophorone	170	U	170	8.9
91-20-3	Naphthalene	360	J	410	11
98-95-3	Nitrobenzene	41	U	41	13
621-64-7	N-Nitrosodi-n-propylamine	41	U	41	14
86-30-6	N-Nitrosodiphenylamine	410	U	410	38
87-86-5	Pentachlorophenol	330	U	330	50
85-01-8	Phenanthrene	1600		410	11
108-95-2	Phenol	410	U	410	14
129-00-0	Pyrene	1700		410	19

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-C | Lab Sample ID: 460-108135-26

Matrix: Solid | Lab File ID: z40454.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:57

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0336(g) | Date Analyzed: 02/02/2016 10:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	790	U	790	68
95-94-3	1,2,4,5-Tetrachlorobenzene	790	U	790	59
108-60-1	2,2'-oxybis[1-chloropropane]	790	~~U~~ UJ	790	33
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	74
95-95-4	2,4,5-Trichlorophenol	790	U	790	79
88-06-2	2,4,6-Trichlorophenol	320	U	320	23
120-83-2	2,4-Dichlorophenol	320	U	320	19
105-67-9	2,4-Dimethylphenol	790	U	790	170
51-28-5	2,4-Dinitrophenol	640	~~U~~ UJ	640	600
121-14-2	2,4-Dinitrotoluene	160	U	160	31
606-20-2	2,6-Dinitrotoluene	160	U	160	42
91-58-7	2-Chloronaphthalene	790	U	790	18
95-57-8	2-Chlorophenol	790	U	790	20
91-57-6	2-Methylnaphthalene	110	J	790	17
95-48-7	2-Methylphenol	790	U	790	34
88-74-4	2-Nitroaniline	790	~~U~~ UJ	790	26
88-75-5	2-Nitrophenol	790	U	790	27
91-94-1	3,3'-Dichlorobenzidine	320	U	320	88
99-09-2	3-Nitroaniline	790	U	790	23
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	210
101-55-3	4-Bromophenyl phenyl ether	790	U	790	25
59-50-7	4-Chloro-3-methylphenol	790	U	790	34
106-47-8	4-Chloroaniline	790	U	790	20
7005-72-3	4-Chlorophenyl phenyl ether	790	U	790	24
106-44-5	4-Methylphenol	790	U	790	22
100-01-6	4-Nitroaniline	790	U	790	30
100-02-7	4-Nitrophenol	1600	U	1600	380
83-32-9	Acenaphthene	110	~~J~~ J	790	19
208-96-8	Acenaphthylene	41	J	790	20
98-86-2	Acetophenone	790	U	790	17
120-12-7	Anthracene	310	J	790	75
1912-24-9	Atrazine	320	U	320	35
100-52-7	Benzaldehyde	790	U	790	60
56-55-3	Benzo[a]anthracene	790		79	66

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-C | Lab Sample ID: 460-108135-26

Matrix: Solid | Lab File ID: z40454.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:57

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0336(g) | Date Analyzed: 02/02/2016 10:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	740		79	24
205-99-2	Benzo[b]fluoranthene	980		79	31
191-24-2	Benzo[g,h,i]perylene	380	J	790	45
207-08-9	Benzo[k]fluoranthene	420		79	34
111-91-1	Bis(2-chloroethoxy)methane	790	U	790	25
111-44-4	Bis(2-chloroethyl)ether	79	U	79	19
117-81-7	Bis(2-ethylhexyl) phthalate	790	U	790	31
85-68-7	Butyl benzyl phthalate	790	U	790	24
105-60-2	Caprolactam	790	U	790	57
86-74-8	Carbazole	150	J	790	20
218-01-9	Chrysene	850		790	22
53-70-3	Dibenz(a,h)anthracene	87		79	41
132-64-9	Dibenzofuran	150	J	790	24
84-66-2	Diethyl phthalate	790	U	790	23
131-11-3	Dimethyl phthalate	790	U	790	23
84-74-2	Di-n-butyl phthalate	790	U	790	24
117-84-0	Di-n-octyl phthalate	790	U	790	40
206-44-0	Fluoranthene	1800		790	23
86-73-7	Fluorene	160	J	790	17
118-74-1	Hexachlorobenzene	79	U	79	32
87-68-3	Hexachlorobutadiene	160	U	160	22
77-47-4	Hexachlorocyclopentadiene	790	U	790	49
67-72-1	Hexachloroethane	79	~~U~~ UJ	79	29
193-39-5	Indeno[1,2,3-cd]pyrene	410		79	53
78-59-1	Isophorone	320	U	320	17
91-20-3	Naphthalene	210	J	790	20
98-95-3	Nitrobenzene	79	U	79	25
621-64-7	N-Nitrosodi-n-propylamine	79	U	79	27
86-30-6	N-Nitrosodiphenylamine	790	U	790	72
87-86-5	Pentachlorophenol	640	U	640	96
85-01-8	Phenanthrene	1000		790	21
108-95-2	Phenol	70	J	790	26
129-00-0	Pyrene	910		790	36

4/7/16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-120-C
Lab Sample ID: 460-108135-28
Matrix: Solid
Lab File ID: z40455.D
Analysis Method: 8270D
Date Collected: 01/27/2016 11:05
Extract. Method: 3546
Date Extracted: 01/28/2016 09:22
Sample wt/vol: 15.0478(g)
Date Analyzed: 02/02/2016 11:15
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
Level: (low/med) Low
% Moisture: 19.5
GPC Cleanup:(Y/N) N
Analysis Batch No.: 348575
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	74	J	410	35
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	410	30
108-60-1	2,2'-oxybis[1-chloropropane]	410	~~U~~ UJ	410	17
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	39
95-95-4	2,4,5-Trichlorophenol	410	U	410	41
88-06-2	2,4,6-Trichlorophenol	160	U	160	12
120-83-2	2,4-Dichlorophenol	160	U	160	9.7
105-67-9	2,4-Dimethylphenol	410	U	410	90
51-28-5	2,4-Dinitrophenol	330	~~U~~ UJ	330	310
121-14-2	2,4-Dinitrotoluene	83	U	83	16
606-20-2	2,6-Dinitrotoluene	83	U	83	22
91-58-7	2-Chloronaphthalene	410	U	410	9.3
95-57-8	2-Chlorophenol	410	U	410	10
91-57-6	2-Methylnaphthalene	210	J	410	9.0
95-48-7	2-Methylphenol	410	U	410	18
88-74-4	2-Nitroaniline	410	~~U~~ UJ	410	13
88-75-5	2-Nitrophenol	410	U	410	14
91-94-1	3,3'-Dichlorobenzidine	160	U	160	46
99-09-2	3-Nitroaniline	410	U	410	12
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	110
101-55-3	4-Bromophenyl phenyl ether	410	U	410	13
59-50-7	4-Chloro-3-methylphenol	410	U	410	18
106-47-8	4-Chloroaniline	410	U	410	11
7005-72-3	4-Chlorophenyl phenyl ether	410	U	410	12
106-44-5	4-Methylphenol	38	J	410	11
100-01-6	4-Nitroaniline	410	U	410	15
100-02-7	4-Nitrophenol	830	U	830	200
83-32-9	Acenaphthene	830	J	410	9.9
208-96-8	Acenaphthylene	54	J	410	11
98-86-2	Acetophenone	410	U	410	8.9
120-12-7	Anthracene	1500		410	39
1912-24-9	Atrazine	160	U	160	18
100-52-7	Benzaldehyde	410	U	410	31
56-55-3	Benzo[a]anthracene	3300		41	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-120-C | Lab Sample ID: 460-108135-28

Matrix: Solid | Lab File ID: z40455.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:05

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0478(g) | Date Analyzed: 02/02/2016 11:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 19.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3100		41	12
205-99-2	Benzo[b]fluoranthene	4500		41	16
191-24-2	Benzo[g,h,i]perylene	1300		410	24
207-08-9	Benzo[k]fluoranthene	1500		41	18
111-91-1	Bis(2-chloroethoxy)methane	410	U	410	13
111-44-4	Bis(2-chloroethyl)ether	41	U	41	9.7
117-81-7	Bis(2-ethylhexyl) phthalate	140	J	410	16
85-68-7	Butyl benzyl phthalate	410	U	410	13
105-60-2	Caprolactam	410	U	410	29
86-74-8	Carbazole	940		410	10
218-01-9	Chrysene	3600		410	11
53-70-3	Dibenz(a,h)anthracene	520		41	21
132-64-9	Dibenzofuran	430		410	12
84-66-2	Diethyl phthalate	410	U	410	12
131-11-3	Dimethyl phthalate	410	U	410	12
84-74-2	Di-n-butyl phthalate	410	U	410	12
117-84-0	Di-n-octyl phthalate	410	U	410	21
206-44-0	Fluoranthene	8800		410	12
86-73-7	Fluorene	830		410	8.9
118-74-1	Hexachlorobenzene	41	U	41	17
87-68-3	Hexachlorobutadiene	83	U	83	12
77-47-4	Hexachlorocyclopentadiene	410	U	410	26
67-72-1	Hexachloroethane	41	~~U~~ UJ	41	15
193-39-5	Indeno[1,2,3-cd]pyrene	1800		41	27
78-59-1	Isophorone	160	U	160	8.8
91-20-3	Naphthalene	540		410	10
98-95-3	Nitrobenzene	41	U	41	13
621-64-7	N-Nitrosodi-n-propylamine	41	U	41	14
86-30-6	N-Nitrosodiphenylamine	410	U	410	37
87-86-5	Pentachlorophenol	330	U	330	50
85-01-8	Phenanthrene	5600		410	11
108-95-2	Phenol	410	U	410	13
129-00-0	Pyrene	4200		410	19

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FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-121A-C | Lab Sample ID: 460-108135-29

Matrix: Solid | Lab File ID: z40456.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:06

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0552(g) | Date Analyzed: 02/02/2016 11:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	790	U	790	68
95-94-3	1,2,4,5-Tetrachlorobenzene	790	U	790	59
108-60-1	2,2'-oxybis[1-chloropropane]	790	U UJ	790	33
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	75
95-95-4	2,4,5-Trichlorophenol	790	U	790	79
88-06-2	2,4,6-Trichlorophenol	320	U	320	23
120-83-2	2,4-Dichlorophenol	320	U	320	19
105-67-9	2,4-Dimethylphenol	790	U	790	170
51-28-5	2,4-Dinitrophenol	640	U UJ	640	600
121-14-2	2,4-Dinitrotoluene	160	U	160	31
606-20-2	2,6-Dinitrotoluene	160	U	160	42
91-58-7	2-Chloronaphthalene	790	U	790	18
95-57-8	2-Chlorophenol	790	U	790	20
91-57-6	2-Methylnaphthalene	130	J	790	18
95-48-7	2-Methylphenol	790	U	790	35
88-74-4	2-Nitroaniline	790	U UJ	790	26
88-75-5	2-Nitrophenol	790	U	790	27
91-94-1	3,3'-Dichlorobenzidine	320	U	320	89
99-09-2	3-Nitroaniline	790	U	790	24
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	210
101-55-3	4-Bromophenyl phenyl ether	790	U	790	25
59-50-7	4-Chloro-3-methylphenol	790	U	790	34
106-47-8	4-Chloroaniline	790	U	790	20
7005-72-3	4-Chlorophenyl phenyl ether	790	U	790	24
106-44-5	4-Methylphenol	790	U	790	22
100-01-6	4-Nitroaniline	790	U	790	30
100-02-7	4-Nitrophenol	1600	U	1600	380
83-32-9	Acenaphthene	120	J	790	19
208-96-8	Acenaphthylene	68	J	790	20
98-86-2	Acetophenone	790	U	790	17
120-12-7	Anthracene	510	J	790	75
1912-24-9	Atrazine	320	U	320	35
100-52-7	Benzaldehyde	790	U	790	61
56-55-3	Benzo[a]anthracene	1600		79	66

JG 4/11/16 02/16/2016

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-121A-C | Lab Sample ID: 460-108135-29

Matrix: Solid | Lab File ID: z40456.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:06

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0552(g) | Date Analyzed: 02/02/2016 11:38

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348575 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1500		79	24
205-99-2	Benzo[b]fluoranthene	2400		79	31
191-24-2	Benzo[g,h,i]perylene	590	J	790	46
207-08-9	Benzo[k]fluoranthene	790		79	35
111-91-1	Bis(2-chloroethoxy)methane	790	U	790	25
111-44-4	Bis(2-chloroethyl)ether	79	U	79	19
117-81-7	Bis(2-ethylhexyl) phthalate	790	U	790	31
85-68-7	Butyl benzyl phthalate	790	U	790	24
105-60-2	Caprolactam	790	U	790	57
86-74-8	Carbazole	190	J	790	20
218-01-9	Chrysene	2000		790	22
53-70-3	Dibenz(a,h)anthracene	270		79	41
132-64-9	Dibenzofuran	130	J	790	24
84-66-2	Diethyl phthalate	790	U	790	23
131-11-3	Dimethyl phthalate	790	U	790	23
84-74-2	Di-n-butyl phthalate	790	U	790	24
117-84-0	Di-n-octyl phthalate	790	U	790	40
206-44-0	Fluoranthene	3900		790	24
86-73-7	Fluorene	170	J	790	17
118-74-1	Hexachlorobenzene	79	U	79	32
87-68-3	Hexachlorobutadiene	160	U	160	22
77-47-4	Hexachlorocyclopentadiene	790	U	790	49
67-72-1	Hexachloroethane	79	~~U~~ UJ	79	29
193-39-5	Indeno[1,2,3-cd]pyrene	870		79	53
78-59-1	Isophorone	320	U	320	17
91-20-3	Naphthalene	260	J	790	20
98-95-3	Nitrobenzene	79	U	79	25
621-64-7	N-Nitrosodi-n-propylamine	79	U	79	27
86-30-6	N-Nitrosodiphenylamine	790	U	790	72
87-86-5	Pentachlorophenol	640	U	640	96
85-01-8	Phenanthrene	1300		790	21
108-95-2	Phenol	790	U	790	26
129-00-0	Pyrene	1800		790	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-C | Lab Sample ID: 460-108135-31

Matrix: Solid | Lab File ID: z40510.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:15

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0178(g) | Date Analyzed: 02/03/2016 09:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348790 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	71	J	790	68
95-94-3	1,2,4,5-Tetrachlorobenzene	790	U	790	59
108-60-1	2,2'-oxybis[1-chloropropane]	790	~~U~~ UJ	790	33
58-90-2	2,3,4,6-Tetrachlorophenol	790	U	790	75
95-95-4	2,4,5-Trichlorophenol	790	U	790	79
88-06-2	2,4,6-Trichlorophenol	320	U	320	23
120-83-2	2,4-Dichlorophenol	320	U	320	19
105-67-9	2,4-Dimethylphenol	790	U	790	170
51-28-5	2,4-Dinitrophenol	640	~~U~~ UJ	640	600
121-14-2	2,4-Dinitrotoluene	160	U	160	32
606-20-2	2,6-Dinitrotoluene	160	U	160	42
91-58-7	2-Chloronaphthalene	790	U	790	18
95-57-8	2-Chlorophenol	790	U	790	20
91-57-6	2-Methylnaphthalene	230	J	790	18
95-48-7	2-Methylphenol	790	U	790	35
88-74-4	2-Nitroaniline	790	~~U~~ UJ	790	26
88-75-5	2-Nitrophenol	790	U	790	27
91-94-1	3,3'-Dichlorobenzidine	320	U	320	89
99-09-2	3-Nitroaniline	790	U	790	24
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	210
101-55-3	4-Bromophenyl phenyl ether	790	U	790	25
59-50-7	4-Chloro-3-methylphenol	790	U	790	34
106-47-8	4-Chloroaniline	790	U	790	20
7005-72-3	4-Chlorophenyl phenyl ether	790	U	790	24
106-44-5	4-Methylphenol	22	J	790	22
100-01-6	4-Nitroaniline	790	U	790	30
100-02-7	4-Nitrophenol	1600	U	1600	380
83-32-9	Acenaphthene	440	J	790	19
208-96-8	Acenaphthylene	66	J	790	20
98-86-2	Acetophenone	790	U	790	17
120-12-7	Anthracene	770	J	790	76
1912-24-9	Atrazine	320	U	320	35
100-52-7	Benzaldehyde	790	U	790	61
56-55-3	Benzo[a]anthracene	1800		79	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-C | Lab Sample ID: 460-108135-31

Matrix: Solid | Lab File ID: z40510.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:15

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0178(g) | Date Analyzed: 02/03/2016 09:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348790 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1600		79	24
205-99-2	Benzo[b]fluoranthene	2400		79	31
191-24-2	Benzo[g,h,i]perylene	670	J	790	46
207-08-9	Benzo[k]fluoranthene	880		79	35
111-91-1	Bis(2-chloroethoxy)methane	790	U	790	25
111-44-4	Bis(2-chloroethyl)ether	79	U	79	19
117-81-7	Bis(2-ethylhexyl) phthalate	210	J	790	31
85-68-7	Butyl benzyl phthalate	790	U	790	25
105-60-2	Caprolactam	790	U	790	57
86-74-8	Carbazole	410	J	790	20
218-01-9	Chrysene	2100		790	22
53-70-3	Dibenz(a,h)anthracene	280		79	41
132-64-9	Dibenzofuran	350	J	790	24
84-66-2	Diethyl phthalate	790	U	790	23
131-11-3	Dimethyl phthalate	790	U	790	23
84-74-2	Di-n-butyl phthalate	790	U	790	24
117-84-0	Di-n-octyl phthalate	790	U	790	40
206-44-0	Fluoranthene	4800		790	24
86-73-7	Fluorene	470	J	790	17
118-74-1	Hexachlorobenzene	79	U	79	32
87-68-3	Hexachlorobutadiene	160	U	160	22
77-47-4	Hexachlorocyclopentadiene	790	~~U~~ UJ	790	50
67-72-1	Hexachloroethane	79	U	79	29
193-39-5	Indeno[1,2,3-cd]pyrene	870	J	79	53
78-59-1	Isophorone	320	U	320	17
91-20-3	Naphthalene	490	J	790	20
98-95-3	Nitrobenzene	79	U	79	25
621-64-7	N-Nitrosodi-n-propylamine	79	U	79	27
86-30-6	N-Nitrosodiphenylamine	790	U	790	72
87-86-5	Pentachlorophenol	640	U	640	96
85-01-8	Phenanthrene	2800		790	21
108-95-2	Phenol	790	U	790	26
129-00-0	Pyrene	2300		790	36

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-C | Lab Sample ID: 460-108135-33

Matrix: Solid | Lab File ID: z40486.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:30

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0155(g) | Date Analyzed: 02/02/2016 23:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348715 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	760	U	760	65
95-94-3	1,2,4,5-Tetrachlorobenzene	760	U	760	56
108-60-1	2,2'-oxybis[1-chloropropane]	760	~~U~~ UJ	760	31
58-90-2	2,3,4,6-Tetrachlorophenol	760	U	760	71
95-95-4	2,4,5-Trichlorophenol	760	U	760	75
88-06-2	2,4,6-Trichlorophenol	300	U	300	22
120-83-2	2,4-Dichlorophenol	300	U	300	18
105-67-9	2,4-Dimethylphenol	760	U	760	170
51-28-5	2,4-Dinitrophenol	610	U	610	570
121-14-2	2,4-Dinitrotoluene	150	U	150	30
606-20-2	2,6-Dinitrotoluene	150	U	150	40
91-58-7	2-Chloronaphthalene	760	U	760	17
95-57-8	2-Chlorophenol	760	U	760	19
91-57-6	2-Methylnaphthalene	160	J	760	17
95-48-7	2-Methylphenol	760	U	760	33
88-74-4	2-Nitroaniline	760	~~U~~ UJ	760	25
88-75-5	2-Nitrophenol	760	U	760	25
91-94-1	3,3'-Dichlorobenzidine	300	U	300	84
99-09-2	3-Nitroaniline	760	U	760	22
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	200
101-55-3	4-Bromophenyl phenyl ether	760	U	760	24
59-50-7	4-Chloro-3-methylphenol	760	U	760	32
106-47-8	4-Chloroaniline	760	U	760	19
7005-72-3	4-Chlorophenyl phenyl ether	760	U	760	23
106-44-5	4-Methylphenol	73	J	760	21
100-01-6	4-Nitroaniline	760	U	760	29
100-02-7	4-Nitrophenol	1500	U	1500	360
83-32-9	Acenaphthene	210	J	760	18
208-96-8	Acenaphthylene	50	J	760	19
98-86-2	Acetophenone	760	U	760	16
120-12-7	Anthracene	420	J	760	72
1912-24-9	Atrazine	300	U	300	34
100-52-7	Benzaldehyde	760	U	760	58
56-55-3	Benzo[a]anthracene	960		76	63

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-C | Lab Sample ID: 460-108135-33

Matrix: Solid | Lab File ID: z40486.D

Analysis Method: 8270D | Date Collected: 01/27/2016 11:30

Extract. Method: 3546 | Date Extracted: 01/28/2016 09:22

Sample wt/vol: 15.0155(g) | Date Analyzed: 02/02/2016 23:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348715 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	970		76	23
205-99-2	Benzo[b]fluoranthene	1200		76	30
191-24-2	Benzo[g,h,i]perylene	710	J	760	43
207-08-9	Benzo[k]fluoranthene	500		76	33
111-91-1	Bis(2-chloroethoxy)methane	760	U	760	24
111-44-4	Bis(2-chloroethyl)ether	76	U	76	18
117-81-7	Bis(2-ethylhexyl) phthalate	150	J	760	30
85-68-7	Butyl benzyl phthalate	760	U	760	23
105-60-2	Caprolactam	760	U	760	54
86-74-8	Carbazole	170	J	760	19
218-01-9	Chrysene	1200		760	21
53-70-3	Dibenz(a,h)anthracene	210		76	39
132-64-9	Dibenzofuran	180	J	760	23
84-66-2	Diethyl phthalate	760	U	760	22
131-11-3	Dimethyl phthalate	760	U	760	22
84-74-2	Di-n-butyl phthalate	760	U	760	23
117-84-0	Di-n-octyl phthalate	760	U	760	38
206-44-0	Fluoranthene	2300		760	22
86-73-7	Fluorene	240	J	760	16
118-74-1	Hexachlorobenzene	76	U	76	31
87-68-3	Hexachlorobutadiene	150	U	150	21
77-47-4	Hexachlorocyclopentadiene	760	U	760	47
67-72-1	Hexachloroethane	76	U	76	28
193-39-5	Indeno[1,2,3-cd]pyrene	860		76	50
78-59-1	Isophorone	27	J	300	16
91-20-3	Naphthalene	340	J	760	19
98-95-3	Nitrobenzene	76	U	76	24
621-64-7	N-Nitrosodi-n-propylamine	76	U	76	25
86-30-6	N-Nitrosodiphenylamine	760	U	760	69
87-86-5	Pentachlorophenol	610	U	610	92
85-01-8	Phenanthrene	1600		760	20
108-95-2	Phenol	760	U	760	25
129-00-0	Pyrene	1600		760	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: FB-20160127 | Lab Sample ID: 460-108135-35

Matrix: Water | Lab File ID: N9626.D

Analysis Method: 8270D | Date Collected: 01/27/2016 12:00

Extract. Method: 3510C | Date Extracted: 01/28/2016 12:23

Sample wt/vol: 250(mL) | Date Analyzed: 01/29/2016 09:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348153 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	0.63
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	10	0.43
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	0.93
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	10	0.69
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.49
88-06-2	2,4,6-Trichlorophenol	10	U	10	0.53
120-83-2	2,4-Dichlorophenol	10	U	10	0.63
105-67-9	2,4-Dimethylphenol	10	U	10	0.91
51-28-5	2,4-Dinitrophenol	20	U	20	2.4
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	1.0
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.88
91-58-7	2-Chloronaphthalene	10	U	10	0.61
95-57-8	2-Chlorophenol	10	U	10	0.74
91-57-6	2-Methylnaphthalene	10	U	10	0.88
95-48-7	2-Methylphenol	10	U	10	1.3
88-74-4	2-Nitroaniline	10	U	10	0.65
88-75-5	2-Nitrophenol	10	U	10	0.59
91-94-1	3,3'-Dichlorobenzidine	10	U	10	1.0
99-09-2	3-Nitroaniline	10	U	10	0.82
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	2.0
101-55-3	4-Bromophenyl phenyl ether	10	U	10	1.0
59-50-7	4-Chloro-3-methylphenol	10	U	10	0.76
106-47-8	4-Chloroaniline	10	U	10	0.73
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	0.96
106-44-5	4-Methylphenol	10	U	10	0.87
100-01-6	4-Nitroaniline	10	U	10	0.48
100-02-7	4-Nitrophenol	20	U	20	4.7
83-32-9	Acenaphthene	10	U	10	0.88
208-96-8	Acenaphthylene	10	U	10	0.65
98-86-2	Acetophenone	10	U	10	1.0
120-12-7	Anthracene	10	U	10	0.57
1912-24-9	Atrazine	2.0	U	2.0	0.77
100-52-7	Benzaldehyde	10	U	10	0.86
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: FB-20160127 | Lab Sample ID: 460-108135-35

Matrix: Water | Lab File ID: N9626.D

Analysis Method: 8270D | Date Collected: 01/27/2016 12:00

Extract. Method: 3510C | Date Extracted: 01/28/2016 12:23

Sample wt/vol: 250(mL) | Date Analyzed: 01/29/2016 09:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348153 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.16
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.44
191-24-2	Benzo[g,h,i]perylene	10	U	10	0.75
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.18
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	0.69
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.12
117-81-7	Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.72
85-68-7	Butyl benzyl phthalate	10	U	10	0.60
105-60-2	Caprolactam	10	U	10	1.1
86-74-8	Carbazole	10	U	10	0.85
218-01-9	Chrysene	2.0	U	2.0	0.67
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090
132-64-9	Dibenzofuran	10	U	10	0.85
84-66-2	Diethyl phthalate	10	U	10	1.0
131-11-3	Dimethyl phthalate	10	U	10	0.98
84-74-2	Di-n-butyl phthalate	10	U	10	0.82
117-84-0	Di-n-octyl phthalate	10	U	10	0.69
206-44-0	Fluoranthene	10	U	10	0.72
86-73-7	Fluorene	10	U	10	0.80
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.47
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.76
77-47-4	Hexachlorocyclopentadiene	10	U	10	0.61
67-72-1	Hexachloroethane	1.0	U	1.0	0.090
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.21
78-59-1	Isophorone	10	U	10	0.67
91-20-3	Naphthalene	10	U	10	0.80
98-95-3	Nitrobenzene	1.0	U	1.0	0.49
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.83
86-30-6	N-Nitrosodiphenylamine	10	U	10	0.74
87-86-5	Pentachlorophenol	20	~~U~~ UJ	20	2.2
85-01-8	Phenanthrene	10	U	10	0.65
108-95-2	Phenol	10	U	10	0.41
129-00-0	Pyrene	10	U	10	0.83

PART 3 (continued)
Appendix C
Data Summary Form I's
With Qualifications

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-108-C
Lab Sample ID: 460-108135-2
Matrix: Solid
Lab File ID: VR505943.D
Analysis Method: 8082A
Date Collected: 01/27/2016 08:00
Extraction Method: 3546
Date Extracted: 02/02/2016 05:01
Sample wt/vol: 15.0069(g)
Date Analyzed: 02/02/2016 09:17
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture: 14.9
GPC Cleanup:(Y/N) N
Analysis Batch No.: 348619
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	79	10
11104-28-2	Aroclor 1221	79	U	79	10
11141-16-5	Aroclor 1232	79	U	79	10
53469-21-9	Aroclor 1242	79	U	79	10
12672-29-6	Aroclor 1248	79	U	79	10
11097-69-1	Aroclor 1254	79	U	79	11
11096-82-5	Aroclor 1260	79	U	79	11
37324-23-5	Aroclor-1262	79	U	79	11
11100-14-4	Aroclor 1268	79	U	79	11
1336-36-3	Polychlorinated biphenyls, Total	79	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (DUP06 (SP-108-C)) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: VR505946.D

Analysis Method: 8082A | Date Collected: 01/27/2016 08:15

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0035(g) | Date Analyzed: 02/02/2016 10:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	10
11104-28-2	Aroclor 1221	77	U	77	10
11141-16-5	Aroclor 1232	77	U	77	10
53469-21-9	Aroclor 1242	77	U	77	10
12672-29-6	Aroclor 1248	77	U	77	10
11097-69-1	Aroclor 1254	77	U	77	11
11096-82-5	Aroclor 1260	77	U	77	11
37324-23-5	Aroclor-1262	77	U	77	11
11100-14-4	Aroclor 1268	77	U	77	11
1336-36-3	Polychlorinated biphenyls, Total	77	U	77	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		47-150

SDM 4/13/16

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-109-C | Lab Sample ID: 460-108135-5

Matrix: Solid | Lab File ID: VR505947.D

Analysis Method: 8082A | Date Collected: 01/27/2016 08:45

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0049(g) | Date Analyzed: 02/02/2016 10:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	81	U	81	11
11104-28-2	Aroclor 1221	81	U	81	11
11141-16-5	Aroclor 1232	81	U	81	11
53469-21-9	Aroclor 1242	81	U	81	11
12672-29-6	Aroclor 1248	81	U	81	11
11097-69-1	Aroclor 1254	81	U	81	11
11096-82-5	Aroclor 1260	81	U	81	11
37324-23-5	Aroclor-1262	81	U	81	11
11100-14-4	Aroclor 1268	81	U	81	11
1336-36-3	Polychlorinated biphenyls, Total	81	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-DUP-2 (DUP of SP-109-C)
Lab Sample ID: 460-108135-6
Matrix: Solid
Lab File ID: VR505948.D
Analysis Method: 8082A
Date Collected: 01/27/2016 09:00
Extraction Method: 3546
Date Extracted: 02/02/2016 05:01
Sample wt/vol: 15.0050(g)
Date Analyzed: 02/02/2016 10:59
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture: 15.4
GPC Cleanup:(Y/N) N
Analysis Batch No.: 348619
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	79	11
11104-28-2	Aroclor 1221	79	U	79	11
11141-16-5	Aroclor 1232	79	U	79	11
53469-21-9	Aroclor 1242	79	U	79	11
12672-29-6	Aroclor 1248	79	U	79	11
11097-69-1	Aroclor 1254	79	U	79	11
11096-82-5	Aroclor 1260	79	U	79	11
37324-23-5	Aroclor-1262	79	U	79	11
11100-14-4	Aroclor 1268	79	U	79	11
1336-36-3	Polychlorinated biphenyls, Total	79	U	79	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

4/13/16

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-110-C | Lab Sample ID: 460-108135-8

Matrix: Solid | Lab File ID: VR505949.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:07

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0057(g) | Date Analyzed: 02/02/2016 11:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	80	U	80	11
11104-28-2	Aroclor 1221	80	U	80	11
11141-16-5	Aroclor 1232	80	U	80	11
53469-21-9	Aroclor 1242	80	U	80	11
12672-29-6	Aroclor 1248	80	U	80	11
11097-69-1	Aroclor 1254	80	U	80	11
11096-82-5	Aroclor 1260	80	U	80	11
37324-23-5	Aroclor-1262	80	U	80	11
11100-14-4	Aroclor 1268	80	U	80	11
1336-36-3	Polychlorinated biphenyls, Total	80	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-C | Lab Sample ID: 460-108135-10

Matrix: Solid | Lab File ID: VR505950.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:12

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0048(g) | Date Analyzed: 02/02/2016 11:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	84	U	84	11
11104-28-2	Aroclor 1221	84	U	84	11
11141-16-5	Aroclor 1232	84	U	84	11
53469-21-9	Aroclor 1242	84	U	84	11
12672-29-6	Aroclor 1248	84	U	84	11
11097-69-1	Aroclor 1254	84	U	84	12
11096-82-5	Aroclor 1260	84	U	84	12
37324-23-5	Aroclor-1262	84	U	84	12
11100-14-4	Aroclor 1268	84	U	84	12
1336-36-3	Polychlorinated biphenyls, Total	84	U	84	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-112-C | Lab Sample ID: 460-108135-12

Matrix: Solid | Lab File ID: VR505951.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:17

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0084(g) | Date Analyzed: 02/02/2016 11:47

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	82	U	82	11
11104-28-2	Aroclor 1221	82	U	82	11
11141-16-5	Aroclor 1232	82	U	82	11
53469-21-9	Aroclor 1242	82	U	82	11
12672-29-6	Aroclor 1248	82	U	82	11
11097-69-1	Aroclor 1254	82	U	82	11
11096-82-5	Aroclor 1260	82	U	82	11
37324-23-5	Aroclor-1262	82	U	82	11
11100-14-4	Aroclor 1268	82	U	82	11
1336-36-3	Polychlorinated biphenyls, Total	82	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-C | Lab Sample ID: 460-108135-14

Matrix: Solid | Lab File ID: VR505952.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:22

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0063(g) | Date Analyzed: 02/02/2016 12:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	82	U	82	11
11104-28-2	Aroclor 1221	82	U	82	11
11141-16-5	Aroclor 1232	82	U	82	11
53469-21-9	Aroclor 1242	82	U	82	11
12672-29-6	Aroclor 1248	82	U	82	11
11097-69-1	Aroclor 1254	82	U	82	11
11096-82-5	Aroclor 1260	82	U	82	11
37324-23-5	Aroclor-1262	82	U	82	11
11100-14-4	Aroclor 1268	82	U	82	11
1336-36-3	Polychlorinated biphenyls, Total	82	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-C | Lab Sample ID: 460-108135-16

Matrix: Solid | Lab File ID: VR505953.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:27

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0081(g) | Date Analyzed: 02/02/2016 12:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	82	U	82	11
11104-28-2	Aroclor 1221	82	U	82	11
11141-16-5	Aroclor 1232	82	U	82	11
53469-21-9	Aroclor 1242	82	U	82	11
12672-29-6	Aroclor 1248	82	U	82	11
11097-69-1	Aroclor 1254	82	U	82	11
11096-82-5	Aroclor 1260	82	U	82	11
37324-23-5	Aroclor-1262	82	U	82	11
11100-14-4	Aroclor 1268	82	U	82	11
1336-36-3	Polychlorinated biphenyls, Total	82	U	82	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-C | Lab Sample ID: 460-108135-18

Matrix: Solid | Lab File ID: VR505954.D

Analysis Method: 8082A | Date Collected: 01/27/2016 09:32

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0041(g) | Date Analyzed: 02/02/2016 12:35

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	84	U	84	11
11104-28-2	Aroclor 1221	84	U	84	11
11141-16-5	Aroclor 1232	84	U	84	11
53469-21-9	Aroclor 1242	84	U	84	11
12672-29-6	Aroclor 1248	84	U	84	11
11097-69-1	Aroclor 1254	84	U	84	12
11096-82-5	Aroclor 1260	84	U	84	12
37324-23-5	Aroclor-1262	84	U	84	12
11100-14-4	Aroclor 1268	84	U	84	12
1336-36-3	Polychlorinated biphenyls, Total	84	U	84	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG No.:
Client Sample ID: SP-116-C
Lab Sample ID: 460-108135-20
Matrix: Solid
Lab File ID: VR505955.D
Analysis Method: 8082A
Date Collected: 01/27/2016 10:42
Extraction Method: 3546
Date Extracted: 02/02/2016 05:01
Sample wt/vol: 15.0017(g)
Date Analyzed: 02/02/2016 12:50
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture: 13.7
GPC Cleanup:(Y/N) N
Analysis Batch No.: 348619
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	78	U	78	10
11104-28-2	Aroclor 1221	78	U	78	10
11141-16-5	Aroclor 1232	78	U	78	10
53469-21-9	Aroclor 1242	78	U	78	10
12672-29-6	Aroclor 1248	78	U	78	10
11097-69-1	Aroclor 1254	78	U	78	11
11096-82-5	Aroclor 1260	78	U	78	11
37324-23-5	Aroclor-1262	78	U	78	11
11100-14-4	Aroclor 1268	78	U	78	11
1336-36-3	Polychlorinated biphenyls, Total	78	U	78	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-C | Lab Sample ID: 460-108135-22

Matrix: Solid | Lab File ID: VR505956.D

Analysis Method: 8082A | Date Collected: 01/27/2016 10:47

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0070(g) | Date Analyzed: 02/02/2016 13:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	81	U	81	11
11104-28-2	Aroclor 1221	81	U	81	11
11141-16-5	Aroclor 1232	81	U	81	11
53469-21-9	Aroclor 1242	81	U	81	11
12672-29-6	Aroclor 1248	81	U	81	11
11097-69-1	Aroclor 1254	81	U	81	11
11096-82-5	Aroclor 1260	81	U	81	11
37324-23-5	Aroclor-1262	81	U	81	11
11100-14-4	Aroclor 1268	81	U	81	11
1336-36-3	Polychlorinated biphenyls, Total	81	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-C | Lab Sample ID: 460-108135-24

Matrix: Solid | Lab File ID: VR505957.D

Analysis Method: 8082A | Date Collected: 01/27/2016 10:52

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0066(g) | Date Analyzed: 02/02/2016 13:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	84	U	84	11
11104-28-2	Aroclor 1221	84	U	84	11
11141-16-5	Aroclor 1232	84	U	84	11
53469-21-9	Aroclor 1242	84	U	84	11
12672-29-6	Aroclor 1248	84	U	84	11
11097-69-1	Aroclor 1254	84	U	84	12
11096-82-5	Aroclor 1260	84	U	84	12
37324-23-5	Aroclor-1262	84	U	84	12
11100-14-4	Aroclor 1268	84	U	84	12
1336-36-3	Polychlorinated biphenyls, Total	84	U	84	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-C | Lab Sample ID: 460-108135-26

Matrix: Solid | Lab File ID: VR505958.D

Analysis Method: 8082A | Date Collected: 01/27/2016 11:57

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0098(g) | Date Analyzed: 02/02/2016 13:38

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	80	U	80	11
11104-28-2	Aroclor 1221	80	U	80	11
11141-16-5	Aroclor 1232	80	U	80	11
53469-21-9	Aroclor 1242	80	U	80	11
12672-29-6	Aroclor 1248	80	U	80	11
11097-69-1	Aroclor 1254	80	U	80	11
11096-82-5	Aroclor 1260	80	U	80	11
37324-23-5	Aroclor-1262	80	U	80	11
11100-14-4	Aroclor 1268	80	U	80	11
1336-36-3	Polychlorinated biphenyls, Total	80	U	80	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-120-C | Lab Sample ID: 460-108135-28

Matrix: Solid | Lab File ID: VR505959.D

Analysis Method: 8082A | Date Collected: 01/27/2016 11:05

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0046(g) | Date Analyzed: 02/02/2016 13:54

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	83	U	83	11
11104-28-2	Aroclor 1221	83	U	83	11
11141-16-5	Aroclor 1232	83	U	83	11
53469-21-9	Aroclor 1242	83	U	83	11
12672-29-6	Aroclor 1248	83	U	83	11
11097-69-1	Aroclor 1254	83	U	83	11
11096-82-5	Aroclor 1260	83	U	83	11
37324-23-5	Aroclor-1262	83	U	83	11
11100-14-4	Aroclor 1268	83	U	83	11
1336-36-3	Polychlorinated biphenyls, Total	83	U	83	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-121A-C | Lab Sample ID: 460-108135-29

Matrix: Solid | Lab File ID: VR505960.D

Analysis Method: 8082A | Date Collected: 01/27/2016 11:06

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0015(g) | Date Analyzed: 02/02/2016 14:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	81	U	81	11
11104-28-2	Aroclor 1221	81	U	81	11
11141-16-5	Aroclor 1232	81	U	81	11
53469-21-9	Aroclor 1242	81	U	81	11
12672-29-6	Aroclor 1248	81	U	81	11
11097-69-1	Aroclor 1254	81	U	81	11
11096-82-5	Aroclor 1260	81	U	81	11
37324-23-5	Aroclor-1262	81	U	81	11
11100-14-4	Aroclor 1268	81	U	81	11
1336-36-3	Polychlorinated biphenyls, Total	81	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-C | Lab Sample ID: 460-108135-31

Matrix: Solid | Lab File ID: VR505961.D

Analysis Method: 8082A | Date Collected: 01/27/2016 11:15

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0087(g) | Date Analyzed: 02/02/2016 14:25

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	81	U	81	11
11104-28-2	Aroclor 1221	81	U	81	11
11141-16-5	Aroclor 1232	81	U	81	11
53469-21-9	Aroclor 1242	81	U	81	11
12672-29-6	Aroclor 1248	81	U	81	11
11097-69-1	Aroclor 1254	81	U	81	11
11096-82-5	Aroclor 1260	81	U	81	11
37324-23-5	Aroclor-1262	81	U	81	11
11100-14-4	Aroclor 1268	81	U	81	11
1336-36-3	Polychlorinated biphenyls, Total	81	U	81	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-C | Lab Sample ID: 460-108135-33

Matrix: Solid | Lab File ID: VR505962.D

Analysis Method: 8082A | Date Collected: 01/27/2016 11:30

Extraction Method: 3546 | Date Extracted: 02/02/2016 05:01

Sample wt/vol: 15.0077(g) | Date Analyzed: 02/02/2016 14:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348619 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	10
11104-28-2	Aroclor 1221	77	U	77	10
11141-16-5	Aroclor 1232	77	U	77	10
53469-21-9	Aroclor 1242	77	U	77	10
12672-29-6	Aroclor 1248	77	U	77	10
11097-69-1	Aroclor 1254	77	U	77	11
11096-82-5	Aroclor 1260	77	U	77	11
37324-23-5	\Aroclor-1262	77	U	77	11
11100-14-4	Aroclor 1268	77	U	77	11
1336-36-3	Polychlorinated biphenyls, Total	77	U	77	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: FB-20160127 | Lab Sample ID: 460-108135-35

Matrix: Water | Lab File ID: VR505923.D

Analysis Method: 8082A | Date Collected: 01/27/2016 12:00

Extraction Method: 3510C | Date Extracted: 01/29/2016 07:27

Sample wt/vol: 250(mL) | Date Analyzed: 01/31/2016 09:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348395 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.40	U	0.40	0.098
11104-28-2	Aroclor 1221	0.40	U	0.40	0.098
11141-16-5	Aroclor 1232	0.40	U	0.40	0.098
53469-21-9	Aroclor 1242	0.40	U	0.40	0.098
12672-29-6	Aroclor 1248	0.40	U	0.40	0.098
11097-69-1	Aroclor 1254	0.40	U	0.40	0.084
11096-82-5	Aroclor 1260	0.40	U	0.40	0.084
11100-14-4	Aroclor 1268	0.40	U	0.40	0.084
37324-23-5	Aroclor-1262	0.40	U	0.40	0.084
1336-36-3	Polychlorinated biphenyls, Total	0.40	U	0.40	0.098

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	55	p	10-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-108-C | Lab Sample ID: 460-108135-2

Matrix: Solid | Lab File ID: PR241279.D

Analysis Method: 8081B | Date Collected: 01/27/2016 08:00

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0069(g) | Date Analyzed: 02/02/2016 09:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.9	U	7.9	1.0
72-55-9	4,4'-DDE	7.9	U	7.9	1.1
50-29-3	4,4'-DDT	7.9	U	7.9	0.81
309-00-2	Aldrin	7.9	U	7.9	0.95
319-84-6	alpha-BHC	2.3	U	2.3	0.72
319-85-7	beta-BHC	2.3	U	2.3	0.76
57-74-9	Chlordane (technical)	79	U	79	35
319-86-8	delta-BHC	2.3	U	2.3	0.86
60-57-1	Dieldrin	2.3	U	2.3	1.0
959-98-8	Endosulfan I	7.9	U	7.9	1.1
33213-65-9	Endosulfan II	7.9	U	7.9	1.2
1031-07-8	Endosulfan sulfate	7.9	U	7.9	0.92
72-20-8	Endrin	7.9	U	7.9	1.0
7421-93-4	Endrin aldehyde	7.9	U	7.9	0.97
53494-70-5	Endrin ketone	7.9	U	7.9	1.1
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	0.70
76-44-8	Heptachlor	7.9	U	7.9	1.0
1024-57-3	Heptachlor epoxide	7.9	U	7.9	1.5
72-43-5	Methoxychlor	7.9	U	7.9	1.7
8001-35-2	Toxaphene	79	U	79	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		55-148
877-09-8	Tetrachloro-m-xylene	112		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-1 (SD-10P-C) | Lab Sample ID: 460-108135-3

Matrix: Solid | Lab File ID: PR241280.D

Analysis Method: 8081B | Date Collected: 01/27/2016 08:15

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0035(g) | Date Analyzed: 02/02/2016 09:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.7	U	7.7	1.0
72-55-9	4,4'-DDE	7.7	U	7.7	1.1
50-29-3	4,4'-DDT	7.7	U	7.7	0.80
309-00-2	Aldrin	7.7	U	7.7	0.94
319-84-6	alpha-BHC	2.3	U	2.3	0.71
319-85-7	beta-BHC	2.3	U	2.3	0.75
57-74-9	Chlordane (technical)	77	U	77	34
319-86-8	delta-BHC	2.3	U	2.3	0.84
60-57-1	Dieldrin	2.3	U	2.3	1.0
959-98-8	Endosulfan I	7.7	U	7.7	1.1
33213-65-9	Endosulfan II	7.7	U	7.7	1.2
1031-07-8	Endosulfan sulfate	7.7	U	7.7	0.90
72-20-8	Endrin	7.7	U	7.7	0.98
7421-93-4	Endrin aldehyde	7.7	U	7.7	0.96
53494-70-5	Endrin ketone	7.7	U	7.7	1.1
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	0.69
76-44-8	Heptachlor	7.7	U	7.7	0.99
1024-57-3	Heptachlor epoxide	7.7	U	7.7	1.5
72-43-5	Methoxychlor	7.7	U	7.7	1.6
8001-35-2	Toxaphene	77	U	77	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		55-148
877-09-8	Tetrachloro-m-xylene	102		55-139

JD 5/13/16

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-109-C (S) (R) | Lab Sample ID: 460-108135-5

Matrix: Solid | Lab File ID: PR241281.D

Analysis Method: 8081B | Date Collected: 01/27/2016 08:45

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0049(g) | Date Analyzed: 02/02/2016 10:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.1	U	8.1	1.1
72-55-9	4,4'-DDE	8.1	U	8.1	1.2
50-29-3	4,4'-DDT	8.1	U	8.1	0.84
309-00-2	Aldrin	8.1	U	8.1	0.98
319-84-6	alpha-BHC	2.4	U	2.4	0.74
319-85-7	beta-BHC	2.4	U	2.4	0.79
57-74-9	Chlordane (technical)	81	U	81	36
319-86-8	delta-BHC	2.4	U	2.4	0.89
60-57-1	Dieldrin	2.4	U	2.4	1.1
959-98-8	Endosulfan I	8.1	U	8.1	1.1
33213-65-9	Endosulfan II	8.1	U	8.1	1.3
1031-07-8	Endosulfan sulfate	8.1	U	8.1	0.95
72-20-8	Endrin	8.1	U	8.1	1.0
7421-93-4	Endrin aldehyde	8.1	U	8.1	1.0
53494-70-5	Endrin ketone	8.1	U	8.1	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.73
76-44-8	Heptachlor	8.1	U	8.1	1.0
1024-57-3	Heptachlor epoxide	8.1	U	8.1	1.6
72-43-5	Methoxychlor	8.1	U	8.1	1.7
8001-35-2	Toxaphene	81	U	81	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		55-148
877-09-8	Tetrachloro-m-xylene	94		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-DUP-2 (DUP of SP-109-C) | Lab Sample ID: 460-108135-6

Matrix: Solid | Lab File ID: PR241282.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:00

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0050(g) | Date Analyzed: 02/02/2016 10:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.9	U	7.9	1.0
72-55-9	4,4'-DDE	7.9	U	7.9	1.1
50-29-3	4,4'-DDT	7.9	U	7.9	0.82
309-00-2	Aldrin	7.9	U	7.9	0.96
319-84-6	alpha-BHC	2.4	U	2.4	0.72
319-85-7	beta-BHC	2.4	U	2.4	0.77
57-74-9	Chlordane (technical)	79	U	79	35
319-86-8	delta-BHC	2.4	U	2.4	0.86
60-57-1	Dieldrin	2.4	U	2.4	1.0
959-98-8	Endosulfan I	7.9	U	7.9	1.1
33213-65-9	Endosulfan II	7.9	U	7.9	1.2
1031-07-8	Endosulfan sulfate	7.9	U	7.9	0.92
72-20-8	Endrin	7.9	U	7.9	1.0
7421-93-4	Endrin aldehyde	7.9	U	7.9	0.98
53494-70-5	Endrin ketone	7.9	U	7.9	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.71
76-44-8	Heptachlor	7.9	U	7.9	1.0
1024-57-3	Heptachlor epoxide	7.9	U	7.9	1.5
72-43-5	Methoxychlor	7.9	U	7.9	1.7
8001-35-2	Toxaphene	79	U	79	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		55-148
877-09-8	Tetrachloro-m-xylene	110		55-139

4/13/16

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-110-C | Lab Sample ID: 460-108135-8

Matrix: Solid | Lab File ID: PR241283.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:07

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0057(g) | Date Analyzed: 02/02/2016 10:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.0	U	8.0	1.0
72-55-9	4,4'-DDE	8.0	U	8.0	1.2
50-29-3	4,4'-DDT	8.0	U	8.0	0.82
309-00-2	Aldrin	8.0	U	8.0	0.96
319-84-6	alpha-BHC	2.4	U	2.4	0.72
319-85-7	beta-BHC	2.4	U	2.4	0.77
57-74-9	Chlordane (technical)	80	U	80	35
319-86-8	delta-BHC	2.4	U	2.4	0.87
60-57-1	Dieldrin	2.4	U	2.4	1.0
959-98-8	Endosulfan I	8.0	U	8.0	1.1
33213-65-9	Endosulfan II	8.0	U	8.0	1.2
1031-07-8	Endosulfan sulfate	8.0	U	8.0	0.93
72-20-8	Endrin	8.0	U	8.0	1.0
7421-93-4	Endrin aldehyde	8.0	U	8.0	0.99
53494-70-5	Endrin ketone	8.0	U	8.0	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.71
76-44-8	Heptachlor	8.0	U	8.0	1.0
1024-57-3	Heptachlor epoxide	8.0	U	8.0	1.6
72-43-5	Methoxychlor	8.0	U	8.0	1.7
8001-35-2	Toxaphene	80	U	80	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		55-148
877-09-8	Tetrachloro-m-xylene	94		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-111-C | Lab Sample ID: 460-108135-10

Matrix: Solid | Lab File ID: PR241284.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:12

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0048(g) | Date Analyzed: 02/02/2016 10:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.4	U	8.4	1.1
72-55-9	4,4'-DDE	8.4	U	8.4	1.2
50-29-3	4,4'-DDT	8.4	U	8.4	0.86
309-00-2	Aldrin	8.4	U	8.4	1.0
319-84-6	alpha-BHC	2.5	U	2.5	0.76
319-85-7	beta-BHC	2.5	U	2.5	0.81
57-74-9	Chlordane (technical)	84	U	84	37
319-86-8	delta-BHC	2.5	U	2.5	0.91
60-57-1	Dieldrin	2.5	U	2.5	1.1
959-98-8	Endosulfan I	8.4	U	8.4	1.2
33213-65-9	Endosulfan II	8.4	U	8.4	1.3
1031-07-8	Endosulfan sulfate	8.4	U	8.4	0.98
72-20-8	Endrin	8.4	U	8.4	1.1
7421-93-4	Endrin aldehyde	8.4	U	8.4	1.0
53494-70-5	Endrin ketone	8.4	U	8.4	1.2
58-89-9	gamma-BHC (Lindane)	2.5	U	2.5	0.75
76-44-8	Heptachlor	8.4	U	8.4	1.1
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.6
72-43-5	Methoxychlor	8.4	U	8.4	1.8
8001-35-2	Toxaphene	84	U	84	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		55-148
877-09-8	Tetrachloro-m-xylene	104		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-112-C | Lab Sample ID: 460-108135-12

Matrix: Solid | Lab File ID: PR241285.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:17

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0084(g) | Date Analyzed: 02/02/2016 10:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.2	U	8.2	1.1
72-55-9	4,4'-DDE	8.2	U	8.2	1.2
50-29-3	4,4'-DDT	8.2	U	8.2	0.84
309-00-2	Aldrin	8.2	U	8.2	0.99
319-84-6	alpha-BHC	2.4	U	2.4	0.74
319-85-7	beta-BHC	2.4	U	2.4	0.79
57-74-9	Chlordane (technical)	82	U	82	36
319-86-8	delta-BHC	2.4	U	2.4	0.89
60-57-1	Dieldrin	2.4	U	2.4	1.1
959-98-8	Endosulfan I	8.2	U	8.2	1.1
33213-65-9	Endosulfan II	8.2	U	8.2	1.3
1031-07-8	Endosulfan sulfate	8.2	U	8.2	0.95
72-20-8	Endrin	8.2	U	8.2	1.0
7421-93-4	Endrin aldehyde	8.2	U	8.2	1.0
53494-70-5	Endrin ketone	8.2	U	8.2	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.73
76-44-8	Heptachlor	8.2	U	8.2	1.0
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.6
72-43-5	Methoxychlor	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		55-148
877-09-8	Tetrachloro-m-xylene	99		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-113-C | Lab Sample ID: 460-108135-14

Matrix: Solid | Lab File ID: PR241286.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:22

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0063(g) | Date Analyzed: 02/02/2016 11:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.2	U	8.2	1.1
72-55-9	4,4'-DDE	8.2	U	8.2	1.2
50-29-3	4,4'-DDT	8.2	U	8.2	0.84
309-00-2	Aldrin	8.2	U	8.2	0.99
319-84-6	alpha-BHC	2.4	U	2.4	0.74
319-85-7	beta-BHC	2.4	U	2.4	0.79
57-74-9	Chlordane (technical)	82	U	82	36
319-86-8	delta-BHC	2.4	U	2.4	0.89
60-57-1	Dieldrin	2.4	U	2.4	1.1
959-98-8	Endosulfan I	8.2	U	8.2	1.1
33213-65-9	Endosulfan II	8.2	U	8.2	1.3
1031-07-8	Endosulfan sulfate	8.2	U	8.2	0.95
72-20-8	Endrin	8.2	U	8.2	1.0
7421-93-4	Endrin aldehyde	8.2	U	8.2	1.0
53494-70-5	Endrin ketone	8.2	U	8.2	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.73
76-44-8	Heptachlor	8.2	U	8.2	1.0
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.6
72-43-5	Methoxychlor	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		55-148
877-09-8	Tetrachloro-m-xylene	99		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-114-C | Lab Sample ID: 460-108135-16

Matrix: Solid | Lab File ID: PR241287.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:27

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0081(g) | Date Analyzed: 02/02/2016 11:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 18.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.2	U	8.2	1.1
72-55-9	4,4'-DDE	8.2	U	8.2	1.2
50-29-3	4,4'-DDT	8.2	U	8.2	0.85
309-00-2	Aldrin	8.2	U	8.2	0.99
319-84-6	alpha-BHC	2.4	U	2.4	0.75
319-85-7	beta-BHC	2.4	U	2.4	0.80
57-74-9	Chlordane (technical)	82	U	82	36
319-86-8	delta-BHC	2.4	U	2.4	0.89
60-57-1	Dieldrin	2.4	U	2.4	1.1
959-98-8	Endosulfan I	8.2	U	8.2	1.1
33213-65-9	Endosulfan II	8.2	U	8.2	1.3
1031-07-8	Endosulfan sulfate	8.2	U	8.2	0.96
72-20-8	Endrin	8.2	U	8.2	1.0
7421-93-4	Endrin aldehyde	8.2	U	8.2	1.0
53494-70-5	Endrin ketone	8.2	U	8.2	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.73
76-44-8	Heptachlor	8.2	U	8.2	1.1
1024-57-3	Heptachlor epoxide	8.2	U	8.2	1.6
72-43-5	Methoxychlor	8.2	U	8.2	1.7
8001-35-2	Toxaphene	82	U	82	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		55-148
877-09-8	Tetrachloro-m-xylene	107		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-115-C | Lab Sample ID: 460-108135-18

Matrix: Solid | Lab File ID: PR241288.D

Analysis Method: 8081B | Date Collected: 01/27/2016 09:32

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0041(g) | Date Analyzed: 02/02/2016 11:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.4	U	8.4	1.1
72-55-9	4,4'-DDE	8.4	U	8.4	1.2
50-29-3	4,4'-DDT	8.4	U	8.4	0.87
309-00-2	Aldrin	8.4	U	8.4	1.0
319-84-6	alpha-BHC	2.5	U	2.5	0.77
319-85-7	beta-BHC	2.5	U	2.5	0.82
57-74-9	Chlordane (technical)	84	U	84	37
319-86-8	delta-BHC	2.5	U	2.5	0.92
60-57-1	Dieldrin	2.5	U	2.5	1.1
959-98-8	Endosulfan I	8.4	U	8.4	1.2
33213-65-9	Endosulfan II	8.4	U	8.4	1.3
1031-07-8	Endosulfan sulfate	8.4	U	8.4	0.98
72-20-8	Endrin	8.4	U	8.4	1.1
7421-93-4	Endrin aldehyde	8.4	U	8.4	1.0
53494-70-5	Endrin ketone	8.4	U	8.4	1.2
58-89-9	gamma-BHC (Lindane)	2.5	U	2.5	0.75
76-44-8	Heptachlor	8.4	U	8.4	1.1
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.6
72-43-5	Methoxychlor	8.4	U	8.4	1.8
8001-35-2	Toxaphene	84	U	84	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		55-148
877-09-8	Tetrachloro-m-xylene	97		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-116-C | Lab Sample ID: 460-108135-20

Matrix: Solid | Lab File ID: PR241289.D

Analysis Method: 8081B | Date Collected: 01/27/2016 10:42

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0017(g) | Date Analyzed: 02/02/2016 11:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.8	U	7.8	1.0
72-55-9	4,4'-DDE	7.8	U	7.8	1.1
50-29-3	4,4'-DDT	7.8	U	7.8	0.80
309-00-2	Aldrin	7.8	U	7.8	0.94
319-84-6	alpha-BHC	2.3	U	2.3	0.71
319-85-7	beta-BHC	2.3	U	2.3	0.75
57-74-9	Chlordane (technical)	78	U	78	34
319-86-8	delta-BHC	2.3	U	2.3	0.85
60-57-1	Dieldrin	2.3	U	2.3	1.0
959-98-8	Endosulfan I	7.8	U	7.8	1.1
33213-65-9	Endosulfan II	7.8	U	7.8	1.2
1031-07-8	Endosulfan sulfate	7.8	U	7.8	0.90
72-20-8	Endrin	7.8	U	7.8	0.99
7421-93-4	Endrin aldehyde	7.8	U	7.8	0.96
53494-70-5	Endrin ketone	7.8	U	7.8	1.1
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	0.70
76-44-8	Heptachlor	7.8	U	7.8	1.0
1024-57-3	Heptachlor epoxide	7.8	U	7.8	1.5
72-43-5	Methoxychlor	7.8	U	7.8	1.6
8001-35-2	Toxaphene	78	U	78	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		55-148
877-09-8	Tetrachloro-m-xylene	95		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-117-C | Lab Sample ID: 460-108135-22

Matrix: Solid | Lab File ID: PR241290.D

Analysis Method: 8081B | Date Collected: 01/27/2016 10:47

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0070(g) | Date Analyzed: 02/02/2016 12:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.1	U	8.1	1.1
72-55-9	4,4'-DDE	8.1	U	8.1	1.2
50-29-3	4,4'-DDT	8.1	U	8.1	0.84
309-00-2	Aldrin	8.1	U	8.1	0.99
319-84-6	alpha-BHC	2.4	U	2.4	0.74
319-85-7	beta-BHC	2.4	U	2.4	0.79
57-74-9	Chlordane (technical)	81	U	81	36
319-86-8	delta-BHC	2.4	U	2.4	0.89
60-57-1	Dieldrin	2.4	U	2.4	1.1
959-98-8	Endosulfan I	8.1	U	8.1	1.1
33213-65-9	Endosulfan II	8.1	U	8.1	1.3
1031-07-8	Endosulfan sulfate	8.1	U	8.1	0.95
72-20-8	Endrin	8.1	U	8.1	1.0
7421-93-4	Endrin aldehyde	8.1	U	8.1	1.0
53494-70-5	Endrin ketone	8.1	U	8.1	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.73
76-44-8	Heptachlor	8.1	U	8.1	1.0
1024-57-3	Heptachlor epoxide	8.1	U	8.1	1.6
72-43-5	Methoxychlor	8.1	U	8.1	1.7
8001-35-2	Toxaphene	81	U	81	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		55-148
877-09-8	Tetrachloro-m-xylene	102		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-118-C | Lab Sample ID: 460-108135-24

Matrix: Solid | Lab File ID: PR241291.D

Analysis Method: 8081B | Date Collected: 01/27/2016 10:52

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0066(g) | Date Analyzed: 02/02/2016 12:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.4	U	8.4	1.1
72-55-9	4,4'-DDE	8.4	U	8.4	1.2
50-29-3	4,4'-DDT	8.4	U	8.4	0.87
309-00-2	Aldrin	8.4	U	8.4	1.0
319-84-6	alpha-BHC	2.5	U	2.5	0.77
319-85-7	beta-BHC	2.5	U	2.5	0.82
57-74-9	Chlordane (technical)	84	U	84	37
319-86-8	delta-BHC	2.5	U	2.5	0.92
60-57-1	Dieldrin	2.5	U	2.5	1.1
959-98-8	Endosulfan I	8.4	U	8.4	1.2
33213-65-9	Endosulfan II	8.4	U	8.4	1.3
1031-07-8	Endosulfan sulfate	8.4	U	8.4	0.98
72-20-8	Endrin	8.4	U	8.4	1.1
7421-93-4	Endrin aldehyde	8.4	U	8.4	1.0
53494-70-5	Endrin ketone	8.4	U	8.4	1.2
58-89-9	gamma-BHC (Lindane)	2.5	U	2.5	0.76
76-44-8	Heptachlor	8.4	U	8.4	1.1
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.6
72-43-5	Methoxychlor	8.4	U	8.4	1.8
8001-35-2	Toxaphene	84	U	84	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		55-148
877-09-8	Tetrachloro-m-xylene	104		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-119-C | Lab Sample ID: 460-108135-26

Matrix: Solid | Lab File ID: PR241292.D

Analysis Method: 8081B | Date Collected: 01/27/2016 11:57

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0098(g) | Date Analyzed: 02/02/2016 12:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 16.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.0	U	8.0	1.1
72-55-9	4,4'-DDE	8.0	U	8.0	1.2
50-29-3	4,4'-DDT	8.0	U	8.0	0.83
309-00-2	Aldrin	8.0	U	8.0	0.97
319-84-6	alpha-BHC	2.4	U	2.4	0.73
319-85-7	beta-BHC	2.4	U	2.4	0.78
57-74-9	Chlordane (technical)	80	U	80	35
319-86-8	delta-BHC	2.4	U	2.4	0.88
60-57-1	Dieldrin	2.4	U	2.4	1.0
959-98-8	Endosulfan I	8.0	U	8.0	1.1
33213-65-9	Endosulfan II	8.0	U	8.0	1.3
1031-07-8	Endosulfan sulfate	8.0	U	8.0	0.94
72-20-8	Endrin	8.0	U	8.0	1.0
7421-93-4	Endrin aldehyde	8.0	U	8.0	1.0
53494-70-5	Endrin ketone	8.0	U	8.0	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.72
76-44-8	Heptachlor	8.0	U	8.0	1.0
1024-57-3	Heptachlor epoxide	8.0	U	8.0	1.6
72-43-5	Methoxychlor	8.0	U	8.0	1.7
8001-35-2	Toxaphene	80	U	80	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		55-148
877-09-8	Tetrachloro-m-xylene	98		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-120-C | Lab Sample ID: 460-108135-28

Matrix: Solid | Lab File ID: PR241293.D

Analysis Method: 8081B | Date Collected: 01/27/2016 11:05

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0046(g) | Date Analyzed: 02/02/2016 12:42

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 19.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.3	U	8.3	1.1
72-55-9	4,4'-DDE	8.3	U	8.3	1.2
50-29-3	4,4'-DDT	8.3	U	8.3	0.86
309-00-2	Aldrin	8.3	U	8.3	1.0
319-84-6	alpha-BHC	2.5	U	2.5	0.76
319-85-7	beta-BHC	2.5	U	2.5	0.81
57-74-9	Chlordane (technical)	83	U	83	37
319-86-8	delta-BHC	2.5	U	2.5	0.91
60-57-1	Dieldrin	2.5	U	2.5	1.1
959-98-8	Endosulfan I	8.3	U	8.3	1.2
33213-65-9	Endosulfan II	8.3	U	8.3	1.3
1031-07-8	Endosulfan sulfate	8.3	U	8.3	0.97
72-20-8	Endrin	8.3	U	8.3	1.1
7421-93-4	Endrin aldehyde	8.3	U	8.3	1.0
53494-70-5	Endrin ketone	8.3	U	8.3	1.2
58-89-9	gamma-BHC (Lindane)	2.5	U	2.5	0.75
76-44-8	Heptachlor	8.3	U	8.3	1.1
1024-57-3	Heptachlor epoxide	8.3	U	8.3	1.6
72-43-5	Methoxychlor	8.3	U	8.3	1.8
8001-35-2	Toxaphene	83	U	83	24

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		55-148
877-09-8	Tetrachloro-m-xylene	96		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-121A-C | Lab Sample ID: 460-108135-29

Matrix: Solid | Lab File ID: PR241294.D

Analysis Method: 8081B | Date Collected: 01/27/2016 11:06

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0015(g) | Date Analyzed: 02/02/2016 12:56

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348617 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.1	U	8.1	1.1
72-55-9	4,4'-DDE	8.1	U	8.1	1.2
50-29-3	4,4'-DDT	8.1	U	8.1	0.83
309-00-2	Aldrin	8.1	U	8.1	0.98
319-84-6	alpha-BHC	2.4	U	2.4	0.74
319-85-7	beta-BHC	2.4	U	2.4	0.78
57-74-9	Chlordane (technical)	81	U	81	36
319-86-8	delta-BHC	2.4	U	2.4	0.88
60-57-1	Dieldrin	2.4	U	2.4	1.0
959-98-8	Endosulfan I	8.1	U	8.1	1.1
33213-65-9	Endosulfan II	8.1	U	8.1	1.3
1031-07-8	Endosulfan sulfate	8.1	U	8.1	0.94
72-20-8	Endrin	8.1	U	8.1	1.0
7421-93-4	Endrin aldehyde	8.1	U	8.1	1.0
53494-70-5	Endrin ketone	8.1	U	8.1	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.72
76-44-8	Heptachlor	8.1	U	8.1	1.0
1024-57-3	Heptachlor epoxide	8.1	U	8.1	1.6
72-43-5	Methoxychlor	8.1	U	8.1	1.7
8001-35-2	Toxaphene	81	U	81	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		55-148
877-09-8	Tetrachloro-m-xylene	99		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-122-C | Lab Sample ID: 460-108135-31

Matrix: Solid | Lab File ID: PR241305.D

Analysis Method: 8081B | Date Collected: 01/27/2016 11:15

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0087(g) | Date Analyzed: 02/02/2016 15:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 17.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348708 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	8.1	U	8.1	1.1
72-55-9	4,4'-DDE	8.1	U	8.1	1.2
50-29-3	4,4'-DDT	8.1	U	8.1	0.83
309-00-2	Aldrin	8.1	U	8.1	0.97
319-84-6	alpha-BHC	2.4	U	2.4	0.73
319-85-7	beta-BHC	2.4	U	2.4	0.78
57-74-9	Chlordane (technical)	81	U	81	36
319-86-8	delta-BHC	2.4	U	2.4	0.88
60-57-1	Dieldrin	2.4	U	2.4	1.0
959-98-8	Endosulfan I	8.1	U	8.1	1.1
33213-65-9	Endosulfan II	8.1	U	8.1	1.3
1031-07-8	Endosulfan sulfate	8.1	U	8.1	0.94
72-20-8	Endrin	8.1	U	8.1	1.0
7421-93-4	Endrin aldehyde	8.1	U	8.1	1.0
53494-70-5	Endrin ketone	8.1	U	8.1	1.1
58-89-9	gamma-BHC (Lindane)	2.4	U	2.4	0.72
76-44-8	Heptachlor	8.1	U	8.1	1.0
1024-57-3	Heptachlor epoxide	8.1	U	8.1	1.6
72-43-5	Methoxychlor	8.1	U	8.1	1.7
8001-35-2	Toxaphene	81	U	81	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		55-148
877-09-8	Tetrachloro-m-xylene	97		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG No.:

Client Sample ID: SP-123-C | Lab Sample ID: 460-108135-33

Matrix: Solid | Lab File ID: PR241303.D

Analysis Method: 8081B | Date Collected: 01/27/2016 11:30

Extraction Method: 3546 | Date Extracted: 02/02/2016 04:44

Sample wt/vol: 15.0077(g) | Date Analyzed: 02/02/2016 15:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 348708 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	2.3	J	7.7	1.0
72-55-9	4,4'-DDE	7.7	U	7.7	1.1
50-29-3	4,4'-DDT	19		7.7	0.79
309-00-2	Aldrin	7.7	U	7.7	0.93
319-84-6	alpha-BHC	2.3	U	2.3	0.70
319-85-7	beta-BHC	2.3	U	2.3	0.74
57-74-9	Chlordane (technical)	77	U	77	34
319-86-8	delta-BHC	2.3	U	2.3	0.84
60-57-1	Dieldrin	2.3	U	2.3	1.0
959-98-8	Endosulfan I	7.7	U	7.7	1.1
33213-65-9	Endosulfan II	7.7	U	7.7	1.2
1031-07-8	Endosulfan sulfate	7.7	U	7.7	0.89
72-20-8	Endrin	7.7	U	7.7	0.97
7421-93-4	Endrin aldehyde	7.7	U	7.7	0.95
53494-70-5	Endrin ketone	7.7	U	7.7	1.1
58-89-9	gamma-BHC (Lindane)	2.3	U	2.3	0.69
76-44-8	Heptachlor	7.7	U	7.7	0.98
1024-57-3	Heptachlor epoxide	7.7	U	7.7	1.5
72-43-5	Methoxychlor	7.7	U	7.7	1.6
8001-35-2	Toxaphene	77	U	77	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		55-148
877-09-8	Tetrachloro-m-xylene	91		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG No.:
Client Sample ID: FB-20160127
Lab Sample ID: 460-108135-35
Matrix: Water
Lab File ID: P4018475.D
Analysis Method: 8081B
Date Collected: 01/27/2016 12:00
Extraction Method: 3510C
Date Extracted: 01/29/2016 07:31
Sample wt/vol: 250(mL)
Date Analyzed: 01/30/2016 14:19
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 348350
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	0.020	U	0.020	0.0050
72-55-9	4,4'-DDE	0.020	U	0.020	0.0040
50-29-3	4,4'-DDT	0.020	U	0.020	0.0040
309-00-2	Aldrin	0.020	U	0.020	0.0040
319-84-6	alpha-BHC	0.020	U	0.020	0.0060
319-85-7	beta-BHC	0.020	U	0.020	0.0050
57-74-9	Chlordane (technical)	0.50	U	0.50	0.13
319-86-8	delta-BHC	0.020	U	0.020	0.0060
60-57-1	Dieldrin	0.020	U	0.020	0.0040
959-98-8	Endosulfan I	0.020	U	0.020	0.0050
33213-65-9	Endosulfan II	0.020	U	0.020	0.0040
1031-07-8	Endosulfan sulfate	0.020	U	0.020	0.0050
72-20-8	Endrin	0.020	U	0.020	0.0040
7421-93-4	Endrin aldehyde	0.020	U	0.020	0.0040
53494-70-5	Endrin ketone	0.020	U	0.020	0.0040
58-89-9	gamma-BHC (Lindane)	0.020	U	0.020	0.0040
76-44-8	Heptachlor	0.020	U	0.020	0.0040
1024-57-3	Heptachlor epoxide	0.020	U	0.020	0.0040
72-43-5	Methoxychlor	0.020	U	0.020	0.0040
8001-35-2	Toxaphene	0.50	U	0.50	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		16-144
877-09-8	Tetrachloro-m-xylene	101		47-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-108-C
Lab Sample ID: 460-108135-2
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 08:00
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 85.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	11.4	11.4	2.0	mg/Kg	U		20	6010C
7429-90-5	Aluminum	2610	228	117	mg/Kg		J	20	6010C
7440-38-2	Arsenic	13.5	17.1	5.6	mg/Kg	J		20	6010C
7440-39-3	Barium	31.2	228	8.2	mg/Kg	~~J~~	J	20	6010C
7440-41-7	Beryllium	2.3	2.3	1.9	mg/Kg	U		20	6010C
7440-70-2	Calcium	12900	5700	338	mg/Kg			20	6010C
7440-43-9	Cadmium	4.6	4.6	2.4	mg/Kg	U		20	6010C
7440-48-4	Cobalt	67.1	57.0	6.6	mg/Kg		J	20	6010C
7440-47-3	Chromium	139	11.4	5.5	mg/Kg		J	20	6010C
7440-50-8	Copper	19.3	28.5	7.4	mg/Kg	J	J	20	6010C
7439-89-6	Iron	36600	171	129	mg/Kg		J	20	6010C
7440-09-7	Potassium	558	5700	173	mg/Kg	~~J~~	J	20	6010C
7439-95-4	Magnesium	123000	5700	284	mg/Kg		J	20	6010C
7439-96-5	Manganese	614	17.1	6.0	mg/Kg			20	6010C
7440-23-5	Sodium	5700	5700	386	mg/Kg	U		20	6010C
7440-02-0	Nickel	1990	45.6	8.3	mg/Kg		J	20	6010C
7439-92-1	Lead	69.9	11.4	4.5	mg/Kg		J	20	6010C
7440-36-0	Antimony	22.8	22.8	9.0	mg/Kg	~~U~~	UJ	20	6010C
7782-49-2	Selenium	22.8	22.8	7.9	mg/Kg	U		20	6010C
7440-28-0	Thallium	22.8	22.8	10.1	mg/Kg	U		20	6010C
7440-62-2	Vanadium	9.2	57.0	5.7	mg/Kg	J		20	6010C
7440-66-6	Zinc	69.0	34.2	8.3	mg/Kg		J	20	6010C
7439-97-6	Mercury	0.18	0.018	0.013	mg/Kg		J+	1	7471B

1/12/16

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-DUP-1 (COVP of SP-108-C) Lab Sample ID: 460-108135-3

Lab Name: TestAmerica Edison Job No.: 460-108135-1

SDG ID.:

Matrix: Solid Date Sampled: 01/27/2016 08:15

Reporting Basis: DRY Date Received: 01/27/2016 15:45

% Solids: 86.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.38	mg/Kg	U		4	6010C
7429-90-5	Aluminum	4960	43.2	22.3	mg/Kg		J	4	6010C
7440-38-2	Arsenic	18.4	3.2	1.1	mg/Kg			4	6010C
7440-39-3	Barium	66.5	43.2	1.5	mg/Kg		J	4	6010C
7440-41-7	Beryllium	0.43	0.43	0.37	mg/Kg	U		4	6010C
7440-70-2	Calcium	10100	1080	64.0	mg/Kg			4	6010C
7440-43-9	Cadmium	0.86	0.86	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	37.0	10.8	1.2	mg/Kg		J	4	6010C
7440-47-3	Chromium	68.6	2.2	1.0	mg/Kg		J	4	6010C
7440-50-8	Copper	43.2	5.4	1.4	mg/Kg		J	4	6010C
7439-89-6	Iron	26100	32.4	24.4	mg/Kg		J	4	6010C
7440-09-7	Potassium	927	1080	32.8	mg/Kg	~~J~~	J	4	6010C
7439-95-4	Magnesium	62800	2700	135	mg/Kg		J	10	6010C
7439-96-5	Manganese	458	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	273	1080	73.2	mg/Kg	J		4	6010C
7440-02-0	Nickel	1070	8.6	1.6	mg/Kg		J	4	6010C
7439-92-1	Lead	190	2.2	0.85	mg/Kg		J	4	6010C
7440-36-0	Antimony	4.3	4.3	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.3	4.3	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.3	4.3	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	15.3	10.8	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	149	6.5	1.6	mg/Kg		J	4	6010C
7439-97-6	Mercury	0.46	0.019	0.013	mg/Kg		J	1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-109-C
Lab Sample ID: 460-108135-5
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 08:45
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.38	mg/Kg	U		4	6010C
7429-90-5	Aluminum	7040	43.1	22.2	mg/Kg			4	6010C
7440-38-2	Arsenic	15.2	3.2	1.1	mg/Kg			4	6010C
7440-39-3	Barium	45.3	43.1	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.47	0.43	0.36	mg/Kg			4	6010C
7440-70-2	Calcium	6340	1080	63.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.86	0.86	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	20.6	10.8	1.2	mg/Kg		J	4	6010C
7440-47-3	Chromium	22.8	2.2	1.0	mg/Kg			4	6010C
7440-50-8	Copper	42.5	5.4	1.4	mg/Kg			4	6010C
7439-89-6	Iron	23400	32.3	24.3	mg/Kg			4	6010C
7440-09-7	Potassium	636	1080	32.6	mg/Kg	J		4	6010C
7439-95-4	Magnesium	29200	1080	53.7	mg/Kg		J	4	6010C
7439-96-5	Manganese	341	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	211	1080	72.9	mg/Kg	J		4	6010C
7440-02-0	Nickel	337	8.6	1.6	mg/Kg		J	4	6010C
7439-92-1	Lead	108	2.2	0.85	mg/Kg			4	6010C
7440-36-0	Antimony	4.3	4.3	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.3	4.3	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.3	4.3	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	20.9	10.8	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	65.4	6.5	1.6	mg/Kg		J	4	6010C
7439-97-6	Mercury	0.18	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-DUP-2 (DUP of SP-109-C)
Lab Sample ID: 460-108135-6
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:00
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 84.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.36	mg/Kg	U		4	6010C
7429-90-5	Aluminum	7610	41.1	21.2	mg/Kg			4	6010C
7440-38-2	Arsenic	14.3	3.1	1.0	mg/Kg			4	6010C
7440-39-3	Barium	48.2	41.1	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.66	0.41	0.35	mg/Kg			4	6010C
7440-70-2	Calcium	7200	1030	60.9	mg/Kg			4	6010C
7440-43-9	Cadmium	0.82	0.82	0.43	mg/Kg	U		4	6010C
7440-48-4	Cobalt	12.6	10.3	1.2	mg/Kg		J	4	6010C
7440-47-3	Chromium	24.0	2.1	0.99	mg/Kg			4	6010C
7440-50-8	Copper	47.9	5.1	1.3	mg/Kg			4	6010C
7439-89-6	Iron	19800	30.8	23.2	mg/Kg			4	6010C
7440-09-7	Potassium	951	1030	31.1	mg/Kg	J		4	6010C
7439-95-4	Magnesium	10800	1030	51.3	mg/Kg		J	4	6010C
7439-96-5	Manganese	267	3.1	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	348	1030	69.6	mg/Kg	J		4	6010C
7440-02-0	Nickel	156	8.2	1.5	mg/Kg		J	4	6010C
7439-92-1	Lead	75.1	2.1	0.81	mg/Kg			4	6010C
7440-36-0	Antimony	4.1	4.1	1.6	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.1	4.1	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.1	4.1	1.8	mg/Kg	U		4	6010C
7440-62-2	Vanadium	21.6	10.3	1.0	mg/Kg			4	6010C
7440-66-6	Zinc	96.5	6.2	1.5	mg/Kg		J	4	6010C
7439-97-6	Mercury	0.14	0.018	0.013	mg/Kg			1	7471B

SDG 2/3/16

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-110-C
Lab Sample ID: 460-108135-8
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:07
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 84.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.4	2.4	0.42	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5810	47.5	24.5	mg/Kg			4	6010C
7440-38-2	Arsenic	17.5	3.6	1.2	mg/Kg			4	6010C
7440-39-3	Barium	79.2	47.5	1.7	mg/Kg			4	6010C
7440-41-7	Beryllium	0.51	0.48	0.40	mg/Kg			4	6010C
7440-70-2	Calcium	13200	1190	70.3	mg/Kg			4	6010C
7440-43-9	Cadmium	0.95	0.95	0.50	mg/Kg	U		4	6010C
7440-48-4	Cobalt	14.3	11.9	1.4	mg/Kg			4	6010C
7440-47-3	Chromium	26.8	2.4	1.1	mg/Kg			4	6010C
7440-50-8	Copper	81.5	5.9	1.5	mg/Kg			4	6010C
7439-89-6	Iron	21400	35.6	26.9	mg/Kg			4	6010C
7440-09-7	Potassium	854	1190	36.0	mg/Kg	J		4	6010C
7439-95-4	Magnesium	19100	1190	59.3	mg/Kg			4	6010C
7439-96-5	Manganese	326	3.6	1.2	mg/Kg			4	6010C
7440-23-5	Sodium	310	1190	80.4	mg/Kg	J		4	6010C
7440-02-0	Nickel	444	9.5	1.7	mg/Kg			4	6010C
7439-92-1	Lead	249	2.4	0.93	mg/Kg			4	6010C
7440-36-0	Antimony	4.8	4.8	1.9	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.8	4.8	1.6	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.8	4.8	2.1	mg/Kg	U		4	6010C
7440-62-2	Vanadium	30.6	11.9	1.2	mg/Kg			4	6010C
7440-66-6	Zinc	157	7.1	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.46	0.019	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-111-C
Lab Sample ID: 460-108135-10
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:12
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 79.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	10.6	10.6	1.9	mg/Kg	U		20	6010C
7429-90-5	Aluminum	3190	212	109	mg/Kg			20	6010C
7440-38-2	Arsenic	334	15.9	5.2	mg/Kg			20	6010C
7440-39-3	Barium	58.3	212	7.6	mg/Kg	J		20	6010C
7440-41-7	Beryllium	2.1	2.1	1.8	mg/Kg	U		20	6010C
7440-70-2	Calcium	10500	5300	314	mg/Kg			20	6010C
7440-43-9	Cadmium	4.2	4.2	2.2	mg/Kg	U		20	6010C
7440-48-4	Cobalt	38.7	53.0	6.1	mg/Kg	J		20	6010C
7440-47-3	Chromium	121	10.6	5.1	mg/Kg			20	6010C
7440-50-8	Copper	231	26.5	6.9	mg/Kg			20	6010C
7439-89-6	Iron	118000	159	120	mg/Kg			20	6010C
7440-09-7	Potassium	424	5300	161	mg/Kg	J		20	6010C
7439-95-4	Magnesium	71000	5300	265	mg/Kg			20	6010C
7439-96-5	Manganese	803	15.9	5.6	mg/Kg			20	6010C
7440-23-5	Sodium	5300	5300	359	mg/Kg	U		20	6010C
7440-02-0	Nickel	762	42.4	7.7	mg/Kg			20	6010C
7439-92-1	Lead	124	10.6	4.2	mg/Kg			20	6010C
7440-36-0	Antimony	21.2	21.2	8.4	mg/Kg	U		20	6010C
7782-49-2	Selenium	21.2	21.2	7.3	mg/Kg	U		20	6010C
7440-28-0	Thallium	21.2	21.2	9.4	mg/Kg	U		20	6010C
7440-62-2	Vanadium	27.9	53.0	5.3	mg/Kg	J		20	6010C
7440-66-6	Zinc	169	31.8	7.7	mg/Kg			20	6010C
7439-97-6	Mercury	0.47	0.021	0.015	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-112-C
Lab Sample ID: 460-108135-12
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:17
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 82.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.38	mg/Kg	U		4	6010C
7429-90-5	Aluminum	4970	43.6	22.4	mg/Kg			4	6010C
7440-38-2	Arsenic	12.3	3.3	1.1	mg/Kg			4	6010C
7440-39-3	Barium	73.2	43.6	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.44	0.44	0.37	mg/Kg	U		4	6010C
7440-70-2	Calcium	13400	1090	64.5	mg/Kg			4	6010C
7440-43-9	Cadmium	0.87	0.87	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	36.8	10.9	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	50.8	2.2	1.1	mg/Kg			4	6010C
7440-50-8	Copper	56.3	5.4	1.4	mg/Kg			4	6010C
7439-89-6	Iron	27100	32.7	24.6	mg/Kg			4	6010C
7440-09-7	Potassium	958	1090	33.0	mg/Kg	J		4	6010C
7439-95-4	Magnesium	65300	2720	136	mg/Kg			10	6010C
7439-96-5	Manganese	456	3.3	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	349	1090	73.7	mg/Kg	J		4	6010C
7440-02-0	Nickel	710	8.7	1.6	mg/Kg			4	6010C
7439-92-1	Lead	151	2.2	0.85	mg/Kg			4	6010C
7440-36-0	Antimony	4.4	4.4	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.4	4.4	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.4	4.4	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	34.8	10.9	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	141	6.5	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.41	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-113-C
Lab Sample ID: 460-108135-14
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:22
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 81.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.38	mg/Kg	U		4	6010C
7429-90-5	Aluminum	6410	43.2	22.2	mg/Kg			4	6010C
7440-38-2	Arsenic	15.0	3.2	1.1	mg/Kg			4	6010C
7440-39-3	Barium	63.3	43.2	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.45	0.43	0.37	mg/Kg			4	6010C
7440-70-2	Calcium	10300	1080	63.9	mg/Kg			4	6010C
7440-43-9	Cadmium	0.86	0.86	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	16.2	10.8	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	30.2	2.2	1.0	mg/Kg			4	6010C
7440-50-8	Copper	60.9	5.4	1.4	mg/Kg			4	6010C
7439-89-6	Iron	19800	32.4	24.4	mg/Kg			4	6010C
7440-09-7	Potassium	1150	1080	32.7	mg/Kg			4	6010C
7439-95-4	Magnesium	20600	1080	53.9	mg/Kg			4	6010C
7439-96-5	Manganese	351	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	402	1080	73.1	mg/Kg	J		4	6010C
7440-02-0	Nickel	257	8.6	1.6	mg/Kg			4	6010C
7439-92-1	Lead	225	2.2	0.85	mg/Kg			4	6010C
7440-36-0	Antimony	4.3	4.3	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.3	4.3	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.3	4.3	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	23.9	10.8	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	127	6.5	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	1.5	0.038	0.027	mg/Kg			2	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-114-C
Lab Sample ID: 460-108135-16
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:27
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 81.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.39	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5320	43.8	22.5	mg/Kg			4	6010C
7440-38-2	Arsenic	16.7	3.3	1.1	mg/Kg			4	6010C
7440-39-3	Barium	50.5	43.8	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.39	0.44	0.37	mg/Kg	J		4	6010C
7440-70-2	Calcium	19000	1090	64.8	mg/Kg			4	6010C
7440-43-9	Cadmium	0.88	0.88	0.46	mg/Kg	U		4	6010C
7440-48-4	Cobalt	31.9	10.9	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	38.5	2.2	1.1	mg/Kg			4	6010C
7440-50-8	Copper	44.8	5.5	1.4	mg/Kg			4	6010C
7439-89-6	Iron	25500	32.8	24.7	mg/Kg			4	6010C
7440-09-7	Potassium	1280	1090	33.2	mg/Kg			4	6010C
7439-95-4	Magnesium	55900	2740	136	mg/Kg			10	6010C
7439-96-5	Manganese	432	3.3	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	409	1090	74.1	mg/Kg	J		4	6010C
7440-02-0	Nickel	639	8.8	1.6	mg/Kg			4	6010C
7439-92-1	Lead	114	2.2	0.86	mg/Kg			4	6010C
7440-36-0	Antimony	4.4	4.4	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.4	4.4	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.4	4.4	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	25.6	10.9	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	105	6.6	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.59	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-115-C
Lab Sample ID: 460-108135-18
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 09:32
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 79.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.37	mg/Kg	U		4	6010C
7429-90-5	Aluminum	8510	42.3	21.8	mg/Kg			4	6010C
7440-38-2	Arsenic	5.0	3.2	1.0	mg/Kg			4	6010C
7440-39-3	Barium	77.7	42.3	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.63	0.42	0.36	mg/Kg			4	6010C
7440-70-2	Calcium	8380	1060	62.6	mg/Kg			4	6010C
7440-43-9	Cadmium	0.85	0.85	0.44	mg/Kg	U		4	6010C
7440-48-4	Cobalt	13.2	10.6	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	28.9	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	54.4	5.3	1.4	mg/Kg			4	6010C
7439-89-6	Iron	18700	31.7	23.9	mg/Kg			4	6010C
7440-09-7	Potassium	1670	1060	32.0	mg/Kg			4	6010C
7439-95-4	Magnesium	12100	1060	52.8	mg/Kg			4	6010C
7439-96-5	Manganese	326	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	236	1060	71.6	mg/Kg	J		4	6010C
7440-02-0	Nickel	351	8.5	1.5	mg/Kg			4	6010C
7439-92-1	Lead	287	2.1	0.83	mg/Kg			4	6010C
7440-36-0	Antimony	4.2	4.2	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.2	4.2	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.2	4.2	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	23.0	10.6	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	176	6.3	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.71	0.021	0.015	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-116-C
Lab Sample ID: 460-108135-20
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 10:42
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 86.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.37	mg/Kg	U		4	6010C
7429-90-5	Aluminum	6770	42.2	21.7	mg/Kg			4	6010C
7440-38-2	Arsenic	28.1	3.2	1.0	mg/Kg			4	6010C
7440-39-3	Barium	60.8	42.2	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.54	0.42	0.36	mg/Kg			4	6010C
7440-70-2	Calcium	6030	1050	62.4	mg/Kg			4	6010C
7440-43-9	Cadmium	0.84	0.84	0.44	mg/Kg	U		4	6010C
7440-48-4	Cobalt	20.3	10.5	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	33.1	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	106	5.3	1.4	mg/Kg			4	6010C
7439-89-6	Iron	28600	31.6	23.8	mg/Kg			4	6010C
7440-09-7	Potassium	1430	1050	31.9	mg/Kg			4	6010C
7439-95-4	Magnesium	20500	1050	52.6	mg/Kg			4	6010C
7439-96-5	Manganese	483	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	373	1050	71.3	mg/Kg	J		4	6010C
7440-02-0	Nickel	289	8.4	1.5	mg/Kg			4	6010C
7439-92-1	Lead	163	2.1	0.83	mg/Kg			4	6010C
7440-36-0	Antimony	4.2	4.2	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.2	4.2	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.2	4.2	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	27.8	10.5	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	143	6.3	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.31	0.019	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-117-C
Lab Sample ID: 460-108135-22
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 10:47
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 82.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.3	2.3	0.40	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5770	45.1	23.2	mg/Kg			4	6010C
7440-38-2	Arsenic	18.3	3.4	1.1	mg/Kg			4	6010C
7440-39-3	Barium	47.1	45.1	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.45	0.45	0.38	mg/Kg			4	6010C
7440-70-2	Calcium	9610	1130	66.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.90	0.90	0.47	mg/Kg	U		4	6010C
7440-48-4	Cobalt	27.0	11.3	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	45.3	2.3	1.1	mg/Kg			4	6010C
7440-50-8	Copper	65.1	5.6	1.5	mg/Kg			4	6010C
7439-89-6	Iron	25500	33.8	25.5	mg/Kg			4	6010C
7440-09-7	Potassium	1270	1130	34.1	mg/Kg			4	6010C
7439-95-4	Magnesium	47700	1130	56.2	mg/Kg			4	6010C
7439-96-5	Manganese	404	3.4	1.2	mg/Kg			4	6010C
7440-23-5	Sodium	859	1130	76.3	mg/Kg	J		4	6010C
7440-02-0	Nickel	555	9.0	1.6	mg/Kg			4	6010C
7439-92-1	Lead	95.3	2.3	0.88	mg/Kg			4	6010C
7440-36-0	Antimony	4.5	4.5	1.8	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.5	4.5	1.6	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.5	4.5	2.0	mg/Kg	U		4	6010C
7440-62-2	Vanadium	19.4	11.3	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	79.6	6.8	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.44	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-118-C
Lab Sample ID: 460-108135-24
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 10:52
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 79.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.37	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5490	42.3	21.8	mg/Kg			4	6010C
7440-38-2	Arsenic	11.8	3.2	1.0	mg/Kg			4	6010C
7440-39-3	Barium	49.5	42.3	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.37	0.42	0.36	mg/Kg	J		4	6010C
7440-70-2	Calcium	14200	1060	62.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.85	0.85	0.44	mg/Kg	U		4	6010C
7440-48-4	Cobalt	35.7	10.6	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	60.7	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	45.8	5.3	1.4	mg/Kg			4	6010C
7439-89-6	Iron	26100	31.8	23.9	mg/Kg			4	6010C
7440-09-7	Potassium	1490	1060	32.1	mg/Kg			4	6010C
7439-95-4	Magnesium	68100	2650	132	mg/Kg			10	6010C
7439-96-5	Manganese	470	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	1180	1060	71.7	mg/Kg			4	6010C
7440-02-0	Nickel	708	8.5	1.5	mg/Kg			4	6010C
7439-92-1	Lead	83.1	2.1	0.83	mg/Kg			4	6010C
7440-36-0	Antimony	4.2	4.2	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.2	4.2	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.2	4.2	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	26.4	10.6	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	67.2	6.4	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.44	0.019	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-119-C
Lab Sample ID: 460-108135-26
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 11:57
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 83.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.38	mg/Kg	U		4	6010C
7429-90-5	Aluminum	8060	42.9	22.1	mg/Kg			4	6010C
7440-38-2	Arsenic	7.5	3.2	1.1	mg/Kg			4	6010C
7440-39-3	Barium	49.5	42.9	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.55	0.43	0.36	mg/Kg			4	6010C
7440-70-2	Calcium	8450	1070	63.4	mg/Kg			4	6010C
7440-43-9	Cadmium	0.86	0.86	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	18.1	10.7	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	29.9	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	41.1	5.4	1.4	mg/Kg			4	6010C
7439-89-6	Iron	22800	32.1	24.2	mg/Kg			4	6010C
7440-09-7	Potassium	1240	1070	32.5	mg/Kg			4	6010C
7439-95-4	Magnesium	16300	1070	53.5	mg/Kg			4	6010C
7439-96-5	Manganese	332	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	335	1070	72.5	mg/Kg	J		4	6010C
7440-02-0	Nickel	250	8.6	1.6	mg/Kg			4	6010C
7439-92-1	Lead	60.5	2.1	0.84	mg/Kg			4	6010C
7440-36-0	Antimony	4.3	4.3	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.3	4.3	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.3	4.3	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	25.8	10.7	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	105	6.4	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.36	0.019	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-120-C
Lab Sample ID: 460-108135-28
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 11:05
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 80.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.3	2.3	0.41	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5630	46.4	23.9	mg/Kg			4	6010C
7440-38-2	Arsenic	10.7	3.5	1.1	mg/Kg			4	6010C
7440-39-3	Barium	40.8	46.4	1.7	mg/Kg	J		4	6010C
7440-41-7	Beryllium	0.41	0.46	0.39	mg/Kg	J		4	6010C
7440-70-2	Calcium	10200	1160	68.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.93	0.93	0.48	mg/Kg	U		4	6010C
7440-48-4	Cobalt	32.7	11.6	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	54.0	2.3	1.1	mg/Kg			4	6010C
7440-50-8	Copper	30.0	5.8	1.5	mg/Kg			4	6010C
7439-89-6	Iron	26000	34.8	26.2	mg/Kg			4	6010C
7440-09-7	Potassium	1270	1160	35.2	mg/Kg			4	6010C
7439-95-4	Magnesium	56900	2900	145	mg/Kg			10	6010C
7439-96-5	Manganese	444	3.5	1.2	mg/Kg			4	6010C
7440-23-5	Sodium	309	1160	78.6	mg/Kg	J		4	6010C
7440-02-0	Nickel	813	9.3	1.7	mg/Kg			4	6010C
7439-92-1	Lead	81.5	2.3	0.91	mg/Kg			4	6010C
7440-36-0	Antimony	4.6	4.6	1.8	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.6	4.6	1.6	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.6	4.6	2.1	mg/Kg	U		4	6010C
7440-62-2	Vanadium	18.5	11.6	1.2	mg/Kg			4	6010C
7440-66-6	Zinc	76.6	7.0	1.7	mg/Kg			4	6010C
7439-97-6	Mercury	0.37	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-121A-C
Lab Sample ID: 460-108135-29
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 11:06
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 83.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.39	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5040	43.8	22.6	mg/Kg			4	6010C
7440-38-2	Arsenic	16.8	3.3	1.1	mg/Kg			4	6010C
7440-39-3	Barium	77.5	43.8	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.43	0.44	0.37	mg/Kg	J		4	6010C
7440-70-2	Calcium	8570	1100	64.9	mg/Kg			4	6010C
7440-43-9	Cadmium	0.88	0.88	0.46	mg/Kg	U		4	6010C
7440-48-4	Cobalt	12.7	11.0	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	32.1	2.2	1.1	mg/Kg			4	6010C
7440-50-8	Copper	55.8	5.5	1.4	mg/Kg			4	6010C
7439-89-6	Iron	18000	32.9	24.8	mg/Kg			4	6010C
7440-09-7	Potassium	657	1100	33.2	mg/Kg	J		4	6010C
7439-95-4	Magnesium	15100	1100	54.7	mg/Kg			4	6010C
7439-96-5	Manganese	260	3.3	1.2	mg/Kg			4	6010C
7440-23-5	Sodium	182	1100	74.2	mg/Kg	J		4	6010C
7440-02-0	Nickel	211	8.8	1.6	mg/Kg			4	6010C
7439-92-1	Lead	131	2.2	0.86	mg/Kg			4	6010C
7440-36-0	Antimony	4.4	4.4	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.4	4.4	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.4	4.4	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	29.6	11.0	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	98.2	6.6	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	2.0	0.079	0.056	mg/Kg			4	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-122-C
Lab Sample ID: 460-108135-31
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG TD.:
Matrix: Solid
Date Sampled: 01/27/2016 11:15
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 83.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.3	2.3	0.40	mg/Kg	U		4	6010C
7429-90-5	Aluminum	6780	45.0	23.2	mg/Kg			4	6010C
7440-38-2	Arsenic	8.9	3.4	1.1	mg/Kg			4	6010C
7440-39-3	Barium	70.2	45.0	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.54	0.45	0.38	mg/Kg			4	6010C
7440-70-2	Calcium	10300	1130	66.6	mg/Kg			4	6010C
7440-43-9	Cadmium	0.90	0.90	0.47	mg/Kg	U		4	6010C
7440-48-4	Cobalt	12.2	11.3	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	24.0	2.3	1.1	mg/Kg			4	6010C
7440-50-8	Copper	64.6	5.6	1.5	mg/Kg			4	6010C
7439-89-6	Iron	17000	33.8	25.4	mg/Kg			4	6010C
7440-09-7	Potassium	1240	1130	34.1	mg/Kg			4	6010C
7439-95-4	Magnesium	8290	1130	56.2	mg/Kg			4	6010C
7439-96-5	Manganese	267	3.4	1.2	mg/Kg			4	6010C
7440-23-5	Sodium	308	1130	76.2	mg/Kg	J		4	6010C
7440-02-0	Nickel	114	9.0	1.6	mg/Kg			4	6010C
7439-92-1	Lead	225	2.3	0.88	mg/Kg			4	6010C
7440-36-0	Antimony	4.5	4.5	1.8	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.5	4.5	1.6	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.5	4.5	2.0	mg/Kg	U		4	6010C
7440-62-2	Vanadium	28.2	11.3	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	158	6.8	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.41	0.020	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-123-C
Lab Sample ID: 460-108135-33
Lab Name: TestAmerica Edison
Job No.: 460-108135-1
SDG ID.:
Matrix: Solid
Date Sampled: 01/27/2016 11:30
Reporting Basis: DRY
Date Received: 01/27/2016 15:45
% Solids: 87.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.2	2.2	0.39	mg/Kg	U		4	6010C
7429-90-5	Aluminum	8310	43.6	22.5	mg/Kg			4	6010C
7440-38-2	Arsenic	7.5	3.3	1.1	mg/Kg			4	6010C
7440-39-3	Barium	66.0	43.6	1.6	mg/Kg			4	6010C
7440-41-7	Beryllium	0.57	0.44	0.37	mg/Kg			4	6010C
7440-70-2	Calcium	9120	1090	64.6	mg/Kg			4	6010C
7440-43-9	Cadmium	0.87	0.87	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	11.0	10.9	1.3	mg/Kg			4	6010C
7440-47-3	Chromium	30.2	2.2	1.1	mg/Kg			4	6010C
7440-50-8	Copper	63.6	5.5	1.4	mg/Kg			4	6010C
7439-89-6	Iron	18200	32.7	24.7	mg/Kg			4	6010C
7440-09-7	Potassium	1800	1090	33.1	mg/Kg			4	6010C
7439-95-4	Magnesium	6790	1090	54.4	mg/Kg			4	6010C
7439-96-5	Manganese	272	3.3	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	616	1090	73.9	mg/Kg	J		4	6010C
7440-02-0	Nickel	77.2	8.7	1.6	mg/Kg			4	6010C
7439-92-1	Lead	112	2.2	0.86	mg/Kg			4	6010C
7440-36-0	Antimony	4.4	4.4	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.4	4.4	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.4	4.4	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	28.5	10.9	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	117	6.5	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.51	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-20160127 | Lab Sample ID: 460-108135-35

Lab Name: TestAmerica Edison | Job No.: 460-108135-1

SDG ID.:

Matrix: Water | Date Sampled: 01/27/2016 12:00

Reporting Basis: WET | Date Received: 01/27/2016 15:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	69.5	ug/L	U		1	6010C
7440-36-0	Antimony	20.0	20.0	4.7	ug/L	U		1	6010C
7440-38-2	Arsenic	15.0	15.0	4.4	ug/L	U		1	6010C
7440-39-3	Barium	200	200	5.5	ug/L	U		1	6010C
7440-41-7	Beryllium	2.0	2.0	1.8	ug/L	U		1	6010C
7440-43-9	Cadmium	4.0	4.0	2.3	ug/L	U		1	6010C
7440-70-2	Calcium	5000	5000	317	ug/L	U		1	6010C
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010C
7440-48-4	Cobalt	50.0	50.0	5.1	ug/L	U		1	6010C
7440-50-8	Copper	25.0	25.0	5.0	ug/L	U		1	6010C
7439-89-6	Iron	150	150	65.4	ug/L	U		1	6010C
7439-92-1	Lead	10.0	10.0	4.2	ug/L	U		1	6010C
7439-95-4	Magnesium	5000	5000	260	ug/L	U		1	6010C
7439-96-5	Manganese	15.0	15.0	4.9	ug/L	U		1	6010C
7440-02-0	Nickel	40.0	40.0	5.4	ug/L	U		1	6010C
7440-09-7	Potassium	5000	5000	122	ug/L	U		1	6010C
7782-49-2	Selenium	20.0	20.0	6.8	ug/L	U		1	6010C
7440-22-4	Silver	10.0	10.0	1.9	ug/L	U		1	6010C
7440-23-5	Sodium	5000	5000	315	ug/L	U		1	6010C
7440-28-0	Thallium	20.0	20.0	4.5	ug/L	U		1	6010C
7440-62-2	Vanadium	50.0	50.0	4.4	ug/L	U		1	6010C
7440-66-6	Zinc	30.0	30.0	5.9	ug/L	U		1	6010C
7439-97-6	Mercury	0.20	0.20	0.14	ug/L	U		1	7470A

L.A.B. Validation Corp, 14 West Point Drive, East Northport, NY 11731

DATA USABILITY SUMMARY REPORT – DUSR
DATA VALIDATION SUMMARY

ORGANIC/INORGANIC ANALYSES

VOLATILES BY GC/MS
SEMIVOLATILES BY GC/MS
PESTICIDES BY GC
PCBs BY GC
TCLP ARSENIC BY ICP
TAL (23) METALS BY ICP/CV
For Soil Samples Collected
April 12, 2016, May 13, 2016, June 17, 2016,
August 03, 2016 and August 26, 2016
From NY Wheel, New York
Collected by AKRF, Inc.
Project # 80305

SAMPLE DELIVERY GROUP NUMBERs:
460-112028, 460-113778, 460-115613, 460-118140, 460-119223
BY TESTAMERICA EDISON - NJ (ELAP #11452)

SUBMITTED TO:

Asya Bychkov
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016

July 12, 2017

PREPARED BY:

Lori A. Beyer/President
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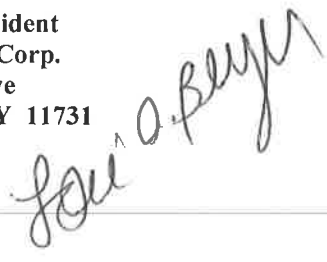

(516) 523-7891; email LABValidation@aol.com

NY Wheel, New York – Data Usability Summary Report (Data Validation): 2016 Sampling Events; Soil Analysis for Volatiles, Semivolatiles, Pesticides, PCBs, TAL (23) Metals and one sample for TCLP Arsenic.

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APPENDICES:

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B. Case Narratives
C. Data Summary Form Is with Qualifications

Introduction:

A validation was performed on soil samples and the associated quality control samples (MS/MSD/Field Duplicates/Trip Blanks) for organic/inorganic analysis for samples collected under chain of custody documentation by AKRF, Inc. and submitted to TestAmerica Edison for subsequent analysis. This report contains the laboratory and validation results for the field samples itemized below. Analysis was performed in accordance with requested tests per the chain of custody documents.

The samples were analyzed by TestAmerica, utilizing SW846 Methods and submitted under NYSDEC ASP Category B equivalent deliverable requirements for the associated analytical methodologies employed. The analytical testing for soil samples consisted of Volatile Organics, Semivolatile Organics, Pesticides, PCBs, TAL (23) Metals and SP-111-C-2 for TCLP Arsenic.

The data was evaluated in accordance with EPA Region II National Functional Guidelines for Organic and Inorganic Data Review and EPA Region II SOPs for 8260, 8270, 8081, 8082 and Metals and in conjunction with the analytical methodologies for which the samples were analyzed, where applicable and relevant.

Sample ID	Lab ID	Matrix	Analysis	Date Collected/ Received
SP-111-C-2	460-112038-1	Soil	TCLP Arsenic	4/12/16, 4/12/16
SP-124 G (Plus, MS/MSD)	460-113778-1	Soil	Volatiles	5/13/16, 5/13/16
SP-124 C (Plus, MS/MSD)	460-113778-2	Soil	SVOA/Pesticides/PCBs/TAL Metals	5/13/16, 5/13/16
SP-125 G	460-113778-3	Soil	Volatiles	5/13/16, 5/13/16
SP-135 C	460-113778-4	Soil	SVOA/Pesticides/PCBs/TAL Metals	5/13/16, 5/13/16
SP-126 G (Field Duplicate of SP-128 G)	460-113778-65	Soil	Volatiles	5/13/16, 5/13/16
SP-126 C (Field Duplicate of SP-126 C)	460-113778-6	Soil	SVOA/Pesticides/PCBs/TAL Metals	5/13/16, 5/13/16
SP-127 C	460-113778-7	Soil	Pesticides/PCBs/TAL Metals	5/13/16, 5/13/16
SP-128 G	460-113778-8	Soil	Volatiles	5/13/16, 5/13/16
SP-128 C	460-113778-9	Soil	SVOA/Pesticides/PCBs/TAL Metals	5/13/16, 5/13/16
TB	460-113778-10	Aqueous	Volatiles	5/13/16, 5/13/16
SP-129-Grab (Plus, MS/MSD)	460-115613-1	Soil	Volatiles	6/17/16, 6/17/16
SP-129-Composite (Plus, MS/MSD)	460-115613-2	Soil	SVOA/Pesticides/PCBs/TAL Metals	6/17/16, 6/17/16
SP-130 Grab (Field Duplicate of SP-129 Grab)	460-115613-3	Soil	Volatiles	6/17/16, 6/17/16
SP-130 Composite (Field Duplicate of SP-129 Composite)	460-115613-4	Soil	SVOA/Pesticides/PCBs/TAL Metals	6/17/16, 6/17/16
SP-131 Composite	460-115613-5	Soil	SVOA/Pesticides/PCBs/TAL Metals	6/17/16, 6/17/16
Trip Blank	460-115613-6	Aqueous	Volatiles	6/17/16, 6/17/16
SP-132-Grab (Plus, MS/MSD)	460-118140-1	Soil	Volatiles	8/3/16, 8/4/16
SP-132-Composite (Plus, MS/MSD)	460-118140-2	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/3/16, 8/4/16
SP-133 Composite	460-118140-3	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/3/16, 8/4/16
SP-134-Grab	460-119223-1	Soil	Volatiles	8/26/16, 8/26/16
SP-134-Composite	460-119223-2	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/26/16, 8/26/16
SP-135-Grab (Plus, MS/MSD)	460-119223-3	Soil	Volatiles	8/26/16, 8/26/16
SP-135-Composite (Plus, MS/MSD)	460-119223-4	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/26/16, 8/26/16
SP-136-Composite (Field Duplicate of SP-135 Composite)	460-119223-5	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/26/16, 8/26/16
SB-136-Grab (Field Duplicate of SP-135 Grab)	460-119223-6	Soil	Volatiles	8/26/16, 8/26/16
SP-137-Composite	460-119223-7	Soil	SVOA/Pesticides/PCBs/TAL Metals	8/26/16, 8/26/16
Trip Blank	460-119223-8	Aqueous	Volatiles	8/26/16, 8/26/16

Data Qualifier Definitions:

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ - The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

R - The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control (QC) criteria. The analyte may or may not be present in the sample.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate quantity.

J+ - The result is an estimated quantity, but the result may be biased high.

J- - The result is an estimated quantity, but the result may be biased low.

D - Analyte concentration is from diluted analysis.

Sample Receipt:
The Chain of Custody documents indicates that the samples were received at TestAmerica via laboratory courier the same day as collection upon completion of sampling. Sample login notes were generated. The cooler temperature for sample receipts were recorded upon receipt at the laboratory and determined to be acceptable (<6.0 degrees C) for all shipments. The actual temperature is recorded on the chain of custody documents and sample receipt checklists provided in Appendix A of this report.

No unresolved problems and/or discrepancies were noted, consequently, the integrity of the samples has been assumed to be good. Soil samples for Volatile analysis were collected by Method 5035A in Encore devices. All analyses were conducted via low level procedures.

Trip Blank from 8/3/2016 was listed on the chain of custody but not included in the sample shipment and therefore volatile analysis was not performed. Samples on this chain of custody do not included actual collection times.

The data summary Form I's included in Appendix C includes all usable (qualified) and unusable (rejected) results for the samples identified above. The Form I's summarize the detailed narrative section of the report.

NOTE:
L.A.B. Validation Corp. believes it is appropriate to note that the data validation criteria utilized for data evaluation is different than the method requirements utilized by the laboratory. Qualified data does not necessarily mean that the laboratory was non-compliant in the analysis that was performed.

1.0 Volatile Organics by GC/MS SW846 Method 8260C

The following method criteria were reviewed: holding times, SMCs, MS, MSD, LCS, Laboratory Spiked Blanks, Method Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and Overall System Performance. The Volatile results are valid and usable as noted on the Form I's and within the following text.

1.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be

flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples pertaining to these SDGs were performed within the Method required holding times as well as the technical holding times for data validation of 14 days from collection to analysis. Soil samples were collected in encores in accordance with SW846 Method 5035A and prepared within 48-hour holding time. No data validation qualifiers were required based upon holding time.

1.2 System Monitoring Compound (Surrogate) Recovery

All samples are spiked with surrogate compounds prior to sample analysis to evaluate overall laboratory performance and efficiency of the analytical technique. If the measure of surrogate concentrations is outside contract specification, qualifications are required to be applied to associated samples and analytes.

Surrogate recoveries (%R) for Dibromofluoromethane, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene were found to be within acceptable limits for surrogate compounds for all analyses pertaining to these SDGs.

1.3 Matrix Spikes (MS)/ Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. The MS/MSD may be used in conjunction with other QC criteria for additional qualification of data.

MS/MSD analyses were conducted for each analytical sequence and was spiked with all components as required by the analytical procedure.

MS/MSD analysis of SP-124 G resulted in most recovery values below in house established ranges, but reasonable per the methodology. Based on professional judgment, no qualifications to the data were made.

MS/MSD analysis of SP-129 G also resulted in many low recovery values but reasonable per the methodology except for 1,2,3-Trichlorobenzene which recovered low at 29%/43%. Non-detects in the parent sample have been qualified, "UJ." Remaining analytes were not qualified.

MS/MSD analysis of SP-132 Grab also resulted in many analytes with low recovery. Non-detects for 1,2,3-Trichlorobenzene (21%/13%) and 1,2,4-Trichlorobenzene (20%/13%) have been qualified, "UJ." No additional qualifiers were applied based on this MS/MSD pair.

MS/MSD analysis of SP-135 Grab resulted in low analyte recovery. Only 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3-Dichlorobenzene and 1,4-Dichlorobenzene non-detects have been qualified, "UJ" in the parent sample since recovery values were unusually low.

No qualifiers were applied for RPD outliers based on professional judgment.

In cases where batch (non-site specific) MS/MSD was submitted, no qualifications to the data were made. The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

1.4 Laboratory Control Sample/Blank Spikes

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes or LCS/LCS Duplicates were analyzed for each sequence. Recovery values were acceptable for all spiked analytes with exceptions noted below:

LCS 460-368221 – Chloromethane (60%), Dichlorodifluoromethane (64%) and Vinyl Chloride (50%) recovered below limits. Non-detects in SP-124 G, SP-125 G, SP-125 G and SP-128 G have been qualified, "UJ."

LCS 460-383136 – 1,1,2-Trichloro-1,2,2-Trifluoroethane recovered low at 73%. Non-detects in the associated sample SP-132 Grab has been qualified, "UJ."

LCS 460-376610 – Bromoform (154%) and Bromomethane (143%) recovered above limits for associated soil samples SP-134 Grab, SP-135 Grab and SP-136 Grab. No qualifications to the data is required since these target compounds were not detected in the corresponding field samples.

No qualifiers were applied for RPD outliers for LCS and LCS Duplicate analysis based on professional judgment.

1.5 Blank Contamination

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure cross-contamination of samples during shipment. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

Blank Type	Blank Result	Sample Result	Action for Samples
Method, Storage, field, Trip, Instrument	Detects	Not Detected	No qualification required
	<CRQL*	<CRQL*	Report CRQL value with a U
		>/= CRQL* and <2x the CRQL**	No qualification required
	>CRQL*	</= CRQL*	Report CRQL value with a U
		>/=CRQL* and </= blank concentration	Report blank value for sample concentration with a U
		>/= CRQL* and > blank concentration	No qualification required
	=CRQL*	</= CRQL*	Report CRQL value with a U
		>CRQL*	No qualification required
	Gross Contamination**	Detects	Report blank value for sample concentration with a U

*2x the CRQL for methylene chloride, 2-butanone and acetone.
**4x the CRQL for methylene chloride, 2-butanone, and acetone
***Qualifications based on instrument blank results affect only the sample analyzed immediately after the sample that has target compounds that exceed the calibration range or non-target compounds that exceed 100 ug/L.

Below is a summary of the compounds in the sample and the associated qualifications that have been applied:

A) **Method Blank Contamination:**

No target analytes were detected in the method blanks associated with sample analysis.

B) **Field Blank Contamination:**

Field Blanks were not submitted with these sampling events.

C) **Trip Blank Contamination:**

No target analytes were detected in the Trip Blanks associated with sample analysis.

1.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution, proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for volatile organics is Bromofluorobenzene (BFB).

Instrument performance was generated within acceptable limits and frequency for Bromofluorobenzene (BFB) for all analyses conducted for these SDGs.

1.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can achieve acceptable performance at the beginning of an experimental sequence.

The continuing calibration checks document that the instrument is giving satisfactory daily performance. Initial calibration verifications were acceptable.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R". Method 8260C allows for a minimum response factor of 0.1 for Acetone and 2-Butanone. Validation criteria allows response factor to be /=>0.01 for poor responders (Acetone, MEK, Carbon Disulfide, Chloroethane, Chloromethane, Cyclohexane, 1,2-Dibromoethane, Dichlorodifluoromethane, cis-1,2-Dichloroethene, 1,2-Dichloropropane,

1,2-Dibromo-3-chloropropane, Isopropylbenzene, Methyl Acetate, Methylene Chloride, Methylcyclohexane, MTBE, trans-1,2-Dichloroethene, 4-Methyl-2-Pentanone, 2-Hexanone, Trichlorofluoromethane, 1,1,2-Trichloro-1,2,2-Trifluoroethane.

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05) and (>/= 0.01 for poor responders) and minimum response criteria in Table 4 of Method 8260C, for the initial and continuing calibrations for all reported analytes.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):

Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >20% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Closing CCV must meet 30% criteria. Poor responders must be </= 40%.

*Method 8260C allows for several analytes to be outside requirements due to the large number of compounds.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) and (40% for poor responders) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) and (40% for poor responders) for all reported compounds except for:

CCAL CVOAMS12 5/18/2016 – Bromomethane – 31.7% and Bromoform – 21.2%; "UJ" non-detects in TB (460-113778-10).

CCAL CVOAMS4 5/16/2016 – Vinyl Chloride – 33.7%, Acetone – 40.6%,2-Hexanone – 51.8%; "UJ" non-detects in SP-124 G, SP-125 G, SP-126 G and SP-128 G. Acetone concentration of 11 ug/kg in SP-125 G has been qualified, "J."

CCAL CVOAMS12 6/22/16 – Bromomethane – 62.7% and Bromoform – 20.3%; "UJ" non-detects in Trip Blank (460-115613-6).

CCAL CVOAMS9 8/30/16 – Chlorodibromomethane – 22.9% and Bromoform 52.7%; "UJ" results for SP-135 Grab, SP-135 Grab and SP-136 Grab.

1.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/-30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All samples were spiked with the internal standards 1,4-Dioxane-d8, Chlorobenzene-d5, 1,4-Dichlorobenzene-d4, TBA-d9, 2-Butanone-d5 and Fluorobenzene prior to sample analysis. The area responses and retention time of each internal standard met QC criteria in all samples associated with these SDGs.

1.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples.

Soil samples an acceptable RPD is 50% as documented in EPA Region 2 SOP HW33. Professional judgment is utilized for analytes that demonstrate high percent difference. Field Duplicates were collected as summarized below:

SP-126 G = SP-128 G
SP-129 Grab = SP-130 Grab
SP-135 Grab = SP-136 Grab

No target analytes were detected in any of the duplicate pairs. Acceptable precision was observed.

1.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

GC/MS spectra met the qualitative criteria for identification. All retention times were within required specifications.

1.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards per SW846, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP).

Soil samples were all analyzed undiluted by low level procedures.

1.12 Overall System Performance

Good resolution and chromatographic performance were observed.

Tentatively Identified Compounds (TICs) were not required, however, during the review process it was noticed that several samples contain non-target hydrocarbon presence.

2.0 Semivolatile Organics by GC/MS SW846 Method 8270D

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Tunes, Calibrations, Internal Standards, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Semivolatile results are valid and usable except for non-detects for 2,4-Dinitrophenol in SP-124 C and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Hexachlorocyclopentadiene in SP-129 Composite and SP-135 Composite due to low (<10%) recovery in the MS and MSD as noted within the following text:

2.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

All samples were extracted and analyzed within the method required holding times and the technical holding times (14 days from collection to extraction and 40 days from extraction to analysis for soil samples) required for data validation.

2.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to

confirm/negate laboratory error or matrix related problems. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Samples were spiked with six (6) surrogate standards at the sample extraction portion of analysis. Acceptable recoveries were observed. Method allows for one (1) base neutral and one (1) acid recovery to be outside acceptance limits providing the recovery value is >10% without requiring reextraction/reanalysis.

SP-128-C resulted in low Phenol recovery (15%) and low Terphenyl-d14 (13%). This sample was analyzed at 1:10 dilution and since surrogates were lost in dilution (required due to complicated matrix) no qualifications to the data was required.

Phenol-d5 recovered low at 29% for SP-136 Composite due to 1:10 dilution. No qualifications are required.

2.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

The National Functional Guidelines provide and allow for flexibility when qualifying the parent sample based on MS/MSD data.

MS/MSD analysis of SP-124 C resulted in low (<10%) recovery for 2,4-Dinitrophenol (9%/8%) and therefore non-detects in the parent sample for this compound must be considered unreliable and have been rejected, "R." Additionally, low recovery values for 4,6-Dinitro-2-methylphenol (16%/14%) and Pentachlorophenol (24%/23%) have been qualified "UJ" in the parent sample based on professional judgment. No additional qualifiers were applied where recovery values were less than the lower acceptance range but reasonable per the methodology.

MS/MSD analysis of SP-129 Composite also resulted in low recovery values for many analytes. Non-detects in the parent sample have been rejected, "R" for 2,4-Dinitrophenol (0%/0%), 4,6-Dinitro-2-methylphenol (3%/4%) and Hexachlorocyclopentadiene (6%/3%). Pentachlorophenol non-detects have been qualified, "UJ" in the parent sample due to low (11%/13%). No qualifiers were applied to remaining analytes.

MS/MSD analysis of SP-132 Composite required a 1:50 dilution and as a result, many analytes were lost in dilution of the sample extract. Based on professional judgment and acceptable LCS, no qualifications to the data was made.

MS/MSD analysis of SP-135 Composite resulted in low recovery values for 2,4-Dinitrophenol (11%/10%), 4,6-Dinitro-2-methylphenol (9%/7%) and Hexachlorocyclopentadiene (1%/2%) so non-detects in the parent sample have been rejected, "R." No qualifications were applied to remaining outliers. Many PAH compounds also recovered below acceptance criteria due to high sample concentration relative to spike amount and therefore no qualifiers were applied.

2.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

LCS/Blank Spikes were analyzed for each analytical extraction batch.

LCS associated with SP-134 Composite, SP-135 Composite and SP-136 Composite resulted in high 2,2'-oxybis (1-chloropropane) – 123% and Hexachlorobutadiene also recovered high at 110%. No qualifications to the data is required since high recovery does not support any potential loss of detection. These target analytes were not detected in the corresponding field samples. Hexachlorocyclopentadiene recovery low at 31%. Non-detects have been qualified, "UJ" for this analyte.

***In cases where LCS/LCS Duplicate analysis yielded high recovery values and the analytes were not detected in the associated field samples, no qualifications to the data were made.**

2.5 Method Blanks

Quality assurance (QA) blanks; i.e. method, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Phthalates (common laboratory contaminants)	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value
Other Contaminants	Sample Conc. Is >CRQL, but </=1x blank value	Sample Conc. Is <CRQL and </=1x blank value	Sample Conc. is >CRQL and >1x blank value

Below is a summary of the compounds in the sample and the associated qualification that have been applied:

A) **Method Blank Contamination:**

Atrazine was detected at 55.4 ug/kg in the method blank associated with SP-124 C, SP-125 C, SP-126 C and SP-128 C. This compound was not detected in the associated field samples and therefore sample results are not impacted.

B) **Field Blank Contamination:**

Field Blanks were not collected for these sampling events.

2.6 GC/MS Instrument Performance Check

Tuning and performance criteria are established to ensure adequate mass resolution proper identification of compounds and to some degree, sufficient instrument sensitivity. These criteria are not sample specific. Instrument performance is determined using standard materials. Therefore, these criteria should be met in all circumstances. The Tuning standard for semivolatile organics is decafluorotriphenylphosphine (DFTPP).

Instrument performance was generated within acceptable limits and frequency (12 hours) for decafluorotriphenylphosphine (DFTPP) for all analyses.

2.7 Initial and Continuing Calibrations

Satisfactory instrument calibration is established to ensure that the instrument can produce acceptable quantitative data. An initial calibration demonstrates that the instrument can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks document that the instrument is achieving satisfactory daily performance.

A) Response Factor GC/MS:
The response factor measures the instrument's response to specific chemical compounds. The response factor for all compounds must be >/= 0.05 in both initial and continuing calibrations. A value <0.05 indicates a serious detection and quantitation problem (poor sensitivity). Analytes detected in the sample will be qualified as estimated, "J". All non-detects for that compound in the corresponding samples will be rejected, "R".

All the response factors for the target analytes reported were found to be within acceptable limits (>/=0.05), for the initial (average RRF) and continuing calibrations.

B) Percent Relative Standard Deviation (%RSD) and Percent Difference (%D):
Percent RSD is calculated from the initial calibration and is used to indicate the stability of the specific compound response factor over increasing concentrations. Percent D compares the response factor of the continuing calibration check to the mean response factor (RRF) from the initial calibration. Percent D is a measure of the instrument's daily performance. Percent RSD must be <20% and %D must be <20%. A value outside of these limits indicates potential detection and quantitation errors. For these reasons, all positive results are flagged as estimated, "J" and non-detects are flagged "UJ". If %RSD and %D grossly exceed QC criteria, non-detect data may be qualified, "R", unusable. Additionally, in cases where the %RSD is >30% and eliminating either the high or the low point of the curve does not restore the %RSD to less than or equal to 20% then positive results are qualified, "J". In cases where removal of either the low or high point restores the linearity, then only low or high-level results will be qualified, "J" in the portion of the curve where non-linearity exists. Due to the large number of analytes in this method, it is expected for some analytes to fall outside acceptance criteria and the calibration is still considered valid.

Acceptable Initial Calibration Verifications were performed.

Initial Calibrations: The initial calibrations provided and the %RSD were within acceptable limits (20%) for all reported compounds.

Continuing Calibrations: The continuing calibrations provided and the %D was within acceptable limits (20%) for all reported compounds with the following exceptions:

CCAL CBNAMS12 5/18/16 – 2,2'-Oxybis (1-chloropropane) – 24.4%, 2,4-Dinitrotoluene – 21.5% and Hexachlorobenzene – 20.4%; "UJ" non-detects in SP-124 C.

CCAL CBNAMS12 5/19/16 – 2,2'-Oxybis (1-chloropropane) – 32.3%, Hexachlorobutadiene – 20.6^, Hexachlorobenzene – 20.4% and Indeno (1,2,3-cd) pyrene – 24.4%; "J/UJ" results in SP-126 C, SP-128 C and SP-125 C.

CCAL CBNAMS12 8/31/16 -2,2'-Oxybis (1-chloropropane) – 32.7%, Hexachlorobutadiene – 32.1%, Hexachlorocyclopentadiene – 34.0%, 1,2,4,5-Tetrachlorobenzene – 26.2%, Hexachlorobenzene – 32.8%, Pentachlorophenol – 24.4%, Benzaldehyde – 30.7%, Butylbenzyl Phthalate – 22.6% and Di-n-octylphthalate – 23.1%; "J/UJ" SP-134 Composite and SP-135 Composite.

CCAL CBNAMS12 9/1/16 -2,2'-Oxybis (1-chloropropane) – 37.6%, Hexachlorobutadiene – 31.0%, 1,2,4,5-Tetrachlorobenzene – 22.4%, Hexachlorobenzene – 22.3%, Benzaldehyde – 25.8%, Butylbenzyl Phthalate – 24.1%, bis (2-ethylhexyl) phthalate – 24.4% and Di-n-octylphthalate – 28.6%; "J/UJ" SP-136 Composite.

2.8 Internal Standards

Internal Standards (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during every experimental run. The internal standard area count must not vary by more than a factor of 2 (-50% to +100%) from the associated continuing calibration standard. The retention time of the internal standard must not vary more than +/- 30 seconds from the associated continuing calibration standard. If the area count is outside the (-50% to +100%) range of the associated standard, all the positive results for compounds quantitated using that IS are qualified as estimated, "J", and all non-detects as "UJ", or "R" if there is a severe loss of sensitivity.

If an internal standard retention time varies by more than 30 seconds, professional judgment will be used to determine either partial or total rejection of the data for that sample fraction.

All area responses and retention times fell within established QC ranges for sample analysis.

2.9 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. For soil samples, an acceptable RPD is 50%.

Field Duplicates were collected as summarized below:

SP-126 C = SP-128 C; 2-Methylphenol, 3-Methylphenol, Isophorone and Phenol have been qualified, "UJ" in the parent sample SP-126 C. Also, 1,1'-Biphenyl, 2-Methylnaphthalene and Naphthalene have been qualified, "J-." Field Duplicate results in SP-128 C have been qualified, "J- "for Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Chrysene, Fluoranthene and Pyrene.

SP-129 Composite = SP-130 Composite; acceptable precision was observed.

SP-135 Composite = SP-136 Composite; 2-Methylnaphthalene, Acenaphthene, Dibenzo furan and Fluorene have been qualified, "J- "in the field duplicate; SP-136 Composite due to %D detections >50%.

Parent samples and the corresponding field duplicates were analyzed at differing dilutions. Matrix as evidenced by sample chromatograms were complex. Where %D for analytes was determined to be >50%; the lower detected value was qualified, "J- "for those compounds. In cases where the compound was detected in the higher concentration run and not detected in the dilution, the diluted "U" value was qualified, "UJ. "

2.10 Target Compound List Identification

TCL compounds are identified on the GC/MS by using the analyte's relative retention time (RRT) and by comparison to the ion spectra obtained from known standards. For the results to be a positive hit, the sample peak must be within =/- 0.06RRT units of the standard

compound and have an ion spectrum which has a ratio of the primary and secondary m/e intensities within 20% of that in the standard compound.

Mass spectra meet criteria for all detected analytes.

SP-125 C was analyzed at 1:5 dilution, SP-126 C at 1:2, SP-128 C at 1:10, SP-129 Composite at 1:2, SP-132 Composite at 1:50, SP-135 Composite at 1:2 and SP-136 at 1:10. Raw data supports the dilutions that were performed.

Tentatively Identified Compounds (TICs) were not required. Sample chromatograms for several samples document non-target hydrocarbon presence.

2.11 Compound Quantification and Reported Detection Limits

GC/MS quantitative analysis is acceptable. Correct internal standards, response factors and percent moisture were used to calculate final concentrations.

As required, the laboratory reported "J" values between the reporting limits (RL) and Method Detection Limits (MDLs). This is consistent with common laboratory practices and a requirement of the National Environmental Laboratory Approval Program (NELAP). Samples were extracted by Method 3546 (Microwave Extraction) from initial weight of 15g to final volume of 1ml which is method complaint.

2.12 Overall System Performance

Good resolution and chromatographic performance were observed.

3.0 Pesticides by GC SW846 Method 8081B, PCBs by SW846 Method 8082A

The following method criteria were reviewed: holding times, Surrogates, MS, MSD, LCS, Blanks, Analytical Sequences, Calibrations, Target Component Identification, Quantitation, Reported Quantitation Limits and overall system performance. The Pesticide and PCB results are valid and usable as noted within the following text:

3.1 Holding Time

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Samples were extracted and analyzed within the method required holding times and the technical holding times required for data validation (14 days for soil) for extraction. All extracts were analyzed within forty (40) days in accordance with the analytical method requirements.

3.2 Surrogate Recovery

All samples are spiked with surrogate compounds prior to sample preparation/extraction to evaluate overall laboratory performance and efficiency of the analytical technique. Additionally, the sample itself may produce effects due to such factors as interferences and high concentrations of analytes. Since the effects of the sample matrix are frequently outside the control of the laboratory and may present relatively unique problems, the evaluation of the data is dependent upon reextraction and/or reanalysis to confirm/negate laboratory error or matrix related problems. No qualifications were applied if one of the spiked surrogates is above acceptance limits on one of the two columns. Discussion of surrogate recoveries that fell outside (above/below) QC guidelines is itemized below:

Pesticides:
Acceptable surrogate recovery values for TCX and DCB were observed.

PCBs:
Acceptable surrogate recovery values for DCB were observed except for SP-133 composite where DCB recovery above limits on both the front and back columns (132%/254%) due to interference. No PCBs were detected in this sample and therefore sample results are not impacted.

3.3 Matrix Spikes (MS)/Matrix Spike Duplicates (MSD)

The MS/MSD data are generated to determine the long-term precision and accuracy of the analytical method in various matrices.

The National Functional Guidelines indicate that MS/MSD data alone shall not be utilized to qualify sample data.

MS/MSD analysis of SP-124 C, SP-129 Composite, SP-132 Composite and SP-135 Composite resulted in acceptable recovery and RPD for all spiked Pesticide and PCB analytes.

Aroclor 1016 recovered low in the MSD analysis of SP-135 Composite. Based on professional judgment, no qualifications to the data were made.

******The laboratory submitted Form III (MS/MSD) for Pesticides sample SP-132 (SDG 460-118140) was not correctly completed. The incorrect spike added concentration was reported. Review of the raw data indicates acceptable recovery values were obtained.***

SP-132 Composite resulted in high Aroclor1016 recovery values (primary column;154%/162% and secondary column; 145%/160%). Since PCBs were not detected in this sample, results are not impacted. No qualifications to the data is required.

3.4 Laboratory Control Sample

The LCS data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance.

Acceptable recovery values were obtained for Pesticide and PCB LCS/LCS Duplicate analysis.

3.5 Blanks

Quality assurance (QA) blanks; i.e. method, instrument, trip and field blanks are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Instrument blanks measure carryover for cross contamination. Field blanks measure cross-contamination of samples during field operations.

The following table was utilized to qualify target analyte results due to contamination. The largest value from all the associated blanks is required to be utilized:

For:	Flag Sample Result with a "U" when:	Report CRQL & Qualify "U" when:	No Qualification is Needed when:
Any Contaminant	Sample Conc. is >CRQL, but </=5x blank value	Sample Conc. Is <CRQL and </=5x blank value	Sample Conc. is >CRQL and >5x blank value

Extraction and Instrument blanks were performed at the appropriate frequency.
Below is a summary of blank contamination:

A) **Method Blank Contamination:**

No Pesticides or PCBs were detected in the method blanks associated with sample analysis.

B) **Field Blank Contamination:**

Field Blanks were not collected for these sampling events.

3.6 Calibration Verification

Initial and continuing calibration sequence was performed as required for individual and multi-component Pesticide and PCBs standards. Acceptable DDT and Endrin breakdown percent difference (<20%) was observed. Acceptable retention times were obtained for all analysis and GC resolution is acceptable for both columns.

Linearity criteria for the initial standards have been satisfied for both columns as detailed below:

%RSD </= 20% for single component compounds except alpha-BHC and delta-BHC
%RSD </=30% for Toxaphene peaks
%RSD </= 30% for surrogates (TCMX and DCB)
%RSD <20% for PCB aroclors

Continuing calibration verifications:
For Pesticide analysis, acceptable percent difference for any pesticide is 20% and for PCB analysis, the acceptable limit is 15%.

Calibrations met method requirements for Pesticide and PCBs.

3.7 Field Duplicates

Field duplicate samples are collected and analyzed as an indication of overall precision. These results are expected to have more variability than laboratory duplicate samples. Soil samples are also expected to have a greater variance due to the difficulties associated with collecting exact duplicate soil samples. For soil samples, an acceptable RPD is 50%.

Field Duplicates were collected as summarized below:

SP-126 C = SP-128 C; 4,4'-DDT was detected in the parent sample at 20 ug/kg and the field duplicate lower at 8.3 ug/kg. Results for the field duplicate have been qualified, "J- "biased low.

SP-129 Composite = SP-130 Composite; Low concentrations of 4,4-DDD (1.9 ug/kg) and 4,4'-DDE (1.9 ug/kg) were detected in the parent sample and not in the field duplicate. No qualifications were applied. Acceptable precision was observed for 4,4'-DDT.

SP-135 Composite = SP-136 Composite; Low detection of 4,4'-DDE (2.6 ug/kg) was detected in the field duplicate and not in the parent sample. No qualifications were applied. Acceptable precision was observed for 4,4'DDD (4.1 ug/kg) in the parent sample as compared to the field duplicate (7.0 ug/kg). 4,4'-DDT results have been qualified, "J- "biased low in the parent sample (5.5 ug/kg). Field duplicate results yielded 20 ug/kg for this target analyte.

*****PCBs were not detected in any of the field duplicate pairs; acceptable precision was observed.**

3.8 Target Compound Identification

Qualitative criteria for compound identification have been established to minimize the number of false positives and false negatives. The retention times of all target analytes have been verified in the samples to that of the analyzed reference standards

Acceptable DDT/Endrin breakdown was observed.

Positive Pesticide and PCB sample results are compared and where %Difference >25% when quantitated on the two columns the qualifications below are applied. Sample chromatograms were reviewed for the presence of interference. The following qualifications were applied where neither column shows interference:

%Difference	Qualifier
0-25%	None
26-70%	"J"
71-100%	"JN"
101-200% (no interference)	"R"
101-200% (interference detected) *	"JN"
>50% (Pesticide value is <CRQL)**	"U"
>201%	"R"

***When the reported %D is 101-200%, but interference is determined on either column, the results shall be qualified, "JN"**
**** When the reported pesticide value is lower than the CRQL, and the %D is >50%, raise the value to the CRQL and qualify "U", undetected.**

It is recommended by SW846 Method 8000, that the laboratory report the lower value obtained when comparison of each column for Pesticides and PCBs. For these SDGs, the laboratory has chosen to report both the lower and higher concentration for reported results based on the best chromatography for each column analysis for calibration.

Acceptable percent difference was obtained for all detected analytes with the following exceptions:

SP-131 Composite – 4,4'-DDT - %D=36.7. The laboratory reported result of 2.4 ug/kg must be considered estimated, "J."

SP-137 Composite – 4,4'-DDD - %D = 33.7%. the laboratory reported result of 4.2 ug/kg must be considered estimated, "J."

3.9 Compound Quantification and Reported Detection Limits

TCL compounds are identified on the GC by using the analyte's relative retention time (RRT) and by comparison to the primary column and the secondary confirmation column data. The laboratory reported the lower of the concentrations for primary/confirmatory column results as required. Soil results were reported on a dry weight basis as required.

Samples were analyzed undiluted and analyzed via the Internal Standard Method.

3.10 Overall System Performance

Acceptable system performance was maintained throughout the analysis of all samples. Good resolution and chromatographic performance were observed.

Soil samples were concentrated to 10ml for Pesticides and PCBs. This is acceptable practice and method compliant. The laboratory reporting levels reflect the appropriate extraction concentration volume.

4.0 Target Analyte List (23) Metals by ICP/Cold Vapor SW846 Methods 6010C/7471B

The following method criteria were reviewed: holding times, CRDL standards, calibration, blanks, MS, laboratory duplicates, LCS, interference check sample, ICP serial dilutions and sample results verification. The soil results are valid and usable with the appropriate qualifiers as notated in the following text:

4.1 Holding Times

The amount of an analyte in a sample can change with time due to chemical instability, degradation, volatilization, etc. If the technical holding time is exceeded, the data may not be considered valid. Those analytes detected in the samples whose holding time has been exceeded will be qualified as estimates, "J". The non-detects (sample quantitation limits) are required to be flagged as estimated, "J", or unusable, "R", if the holding times are grossly exceeded.

Soil samples were digested and analyzed for TAL (23) Metals within the method required holding times and the technical holding times for data validation. No qualifications were applied based upon holding time criteria.

4.2 Calibration (ICV/CCV)

Satisfactory instrument calibration is established to ensure that the instruments can produce acceptable quantitative data. An initial calibration demonstrates that the instruments can give acceptable performance at the beginning of an experimental sequence. The continuing calibration checks

document that the instruments are giving satisfactory sequential performance and that the initial calibration is still valid.

The ICP and Mercury instruments were calibrated utilizing a minimum of a four-point curve in addition to blanks at the beginning of each analytical run. The calibrations have been determined to be acceptable, yielding correlation coefficients of 0.995 or greater.

For ICP analysis, satisfactory instrument performance near the Contract Required Detection Limit (CRDL) was demonstrated by analyzing a CRDL standard at the beginning and end of the analytical run. The instruments were calibrated properly by analyzing the CRDL solution at the correct levels, and analyzed at the required frequency at the beginning and end of each analytical run.

All recoveries were within acceptable limits of 90-110 % for initial calibration pertaining to field samples.

Continuing calibrations were within acceptable limits of 90-110% recovery of the true values for ICP and Mercury (80-120%) for all field samples.

No qualifications were applied based upon ICV/CCV analysis.

4.3 Blanks

Quality assurance (QA) blanks, i.e. method, field or preparation blanks are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Preparation blanks measure laboratory contamination. Field blanks measure cross-contamination of samples during field operations.

All digestion/prep/ICB/CCB/Field blanks were generated within acceptable limits yielding final concentrations less than the CRDL. Several low concentration elements were detected in the ICBs/CCBs.

Samples concentrations were determined to be greater than the blank levels so no additional qualifications were applied.

4.4 Spiked Sample Recovery

The spike data are generated to determine the long terms precision and accuracy of the analytical method in various matrices.

Aqueous spike recoveries are qualified based on the criteria below:
<30% - "R" all detects and non-detects
Between 30%-74% - results >/=MDL "J" and non-detects "UJ"
Between 126-150% - results >/=MDL "J" and
>150% - results >/= MDL "R"

Soil spike recoveries are qualified based on the criteria below:
<10% - "R" all detects and non-detects
Between 10%-74% - results >/= MDL "J" and non-detects "UJ"
Between 126-200% - results >/=MDL "J" and
>200% - results >/= MDL "R"

Recovery outliers that where the sample concentration was determined to be >4x the spike level have not been qualified.

MS analysis of SP-124 C resulted in low Antimony (36%) and Zinc (29%). Acceptable post digestion recoveries were obtained. Chromium (319%) and Magnesium (230%) recovered above limits, however, acceptable post digestion spike recoveries were obtained. Results for Antimony, Zinc, Magnesium and Chromium have been qualified, "J/UJ" in the parent sample.

MS analysis of SP-129 Composite resulted in high Copper (142%) and Mercury (134%). Low recovery values were obtained for Lead (59%), Antimony (52%) and Zinc (72%). Results for these elements have bene qualified, "J/UJ" in the parent sample. Acceptable post digestion spikes were obtained.

Antimony has been qualified, "UJ" in SP-132 Composite due to low MS recovery (41%). Acceptable post digestion spike recovery was observed.

Nickel (33%) and Antimony (31%) have been qualified, "J" in SP-135 Composite.

4.5 Laboratory/Field Duplicates

The laboratory uses duplicate sample determinations to demonstrate acceptable method precision at the time of analysis. Duplicate analyses are also performed to generate data to determine the long-term precision of the analytical method on various matrices.

Laboratory Duplicates:
RPD >20% but <100% - J detected concentrations
RPD >/=100% - R all detected and non-detected concentrations

Soil laboratory duplicate analysis was conducted on sample SP-124 C, SP-129 Composite, SP-132 Composite. Acceptable RPD was obtained for all elements.

Duplicate analysis of SP-135 Composite yielded RPD outliers for calcium (31%), Magnesium (42%) and Nickel (28%). Results have been qualified, "J" for these elements in the parent sample.

****No qualifications were applied where laboratory duplicate was submitted from non-site-specific samples.**

Field Duplicates:
RPD >/=35% but <120% - qualify sample and duplicate results >/= CRQL "J"
RPD >/= 120% - reject sample and duplicate results >/= CRQL "R"

Field Duplicates were collected as summarized below:

SP-126 C = SP-128 C; Calcium has been qualified estimated, biased low, "J- "in the parent sample (10700 mg/kg) since the field duplicate result of 22100 mg/kg was >50%. It is recommended that the end user should make decisions based on the high value.

SP-129 Composite = SP-130 Composite; acceptable precision was observed for all elements.

SP-135 Composite = SP-136 Composite; Cadmium (0.38 mg/kg) and Vanadium (44.1 mg/kg) have been qualified, "J- "biased low in the parent sample. Additionally, Arsenic, Cobalt, Iron, Manganese, Nickel, Lead, Zinc and Mercury must be considered biased low, "J- "in the field duplicate due to %D >50%. Differing results are most likely attributed to sample non-homogeneity.

4.6 Laboratory Control Sample

The laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Aqueous and solid Laboratory Control samples shall be analyzed

for each analyte utilizing the same sample preparation, analytical methods and QA/QC procedures as employed for the samples.

The LCS was analyzed and reported for ICP and Mercury analysis. Associated LCS recoveries were within the acceptable limits for Metals analyses (80-120%).

4.7 Interference Check Sample

The interference check sample (ICS) verifies the laboratory's interelement and background correction factors. The ICS consists of two solutions A and AB. Solution A consists of interference, and solution AB consists of the analytes mixed with interferents.

SW846 Method 6010 requires solution A and solution AB to be analyzed separately. The recoveries for the ICP interference check sample were all within the acceptable limits of 80-120%. No data qualifications were made based upon ICS analysis.

4.8 ICP Serial Dilution

The serial dilution of samples quantitated by ICP determines whether significant physical or chemical interferences exist due to sample matrix. An ICP serial dilution analysis must be performed on a sample for each group of samples with a similar matrix type and concentration, or for each Sample Delivery Group (SDG), whichever is more frequent.

Acceptable ICP serial dilutions were performed at a 5-fold dilution as required by the method where the initial concentration is equal or greater than 50x MDL. All serial dilution analyses agree within a 10% difference of the original determination after correction for dilution for all reported elements.

4.9 Sample Results Verification

Analyte quantitation was generated in accordance with protocols. The raw data was verified and found within the linear range of each instrument used for quantitation. Raw data supplied corresponds with reported values. Verification of the calculations yielded reported results and reported dilutions confirm with raw data submissions.

4.10 Overall Assessment of Data

The data generated were of acceptable quality. For the Metals analysis results are usable at the concentrations presented in the validated Form I's.

Reviewer's Signature Lori A. Beyer **Date** 07/12/2017

Appendix A
Chain of Custody Documents and Sample Receipt Checklists

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Asya Bychov	Samplers Name (Printed) Matthew Levy	Site/Project Identification NY Wheel
Company AKRF	P. O. # 80305	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 440 Park Ave South	Analysis Turnaround Time: Standard ☒	Regulatory Program: NY State Category B
City New York State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 646 388 9533 Fax 212 726 0942		Job No: 112038

Sample Identification	Date	Time	Matrix	No. of Cont.	TCLP Arsenic	Sample Numbers
SP-111-C-2	4/12/16	0800	SO	1	X	-1

5-Day RUSH

460-112038 Chain of Custody

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH Soil: 1
6 = Other _____, 7 = Other _____ Water:

Special Instructions Only TCLP Arsenic, no other metals Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	AKRF	4/12/16 1300	1)	
2) James Robson	Test America	4/12/16 1535	2)	TA Edison
3)			3)	4/12/16
4)			4)	1535

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578) IR6 NOCS 1.2/2.2°C

04/19/2016

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-112038-1

Login Number: 112038
List Number: 1
Creator: Lysy, Susan

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2°C IR#6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Serial Number 107049 113778

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858

Alternate Laboratory Name/Location

460-113778 Chain of Custody

05/20/2016

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
NY Wheel	80305	NY

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Asya Bychkar	646-388-9533	

CLIENT NAME	CLIENT E-MAIL
AKRF Inc	abychkar@akrf.com

CLIENT ADDRESS: 440 Park Ave. South NY, NY 10016

COMPANY CONTRACTING THIS WORK (if applicable)

STANDARD REPORT DELIVERY ⊘
DATE DUE 5 days (5/20)
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	VOCs	SVOCs	pest/PCBs	TAL metals	REMARKS
								PRESERVATIVE				
5/13/16	11:20	SP-124 G	G					X				NY State - 1
	11:20	SP-124 C	C						X	X	X	Category B - 2
	11:20	SP-125 G	G					X				- 3
	11:20	SP-125 C	C						X	X	X	- 4
	10:50	SP-126 G	G					X				- 5
	10:50	SP-126 C	C						X	X	X	- 6
	11:20	MS-MSD (of SP-124)	G					X	X	X	X	- 7
	~~11:20~~ AB	~~SP-127 G~~						X				-
	11:20	SP-127 - C	C							X	X	- 7
	10:50	SP-128 - G	G					X				- 8
	10:50	SP-128 - C	C						X	X	X	- 9
7/13/15		TB						X				- 10

SHORT HOLD

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	5/13			5/13	1540			
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
	5/13	1400		5/13/16	1400		5/13/16	

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
						2.5°C / 3.0°C IR#6

TAL8240-680 (1008)

Page 2000 of 2002

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-113778-1

Login Number: 113778
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C, IR #6
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS RE

460-115613 Chain of Custody

...7 New Durham Road ...
...ax: (732) 549-3679

06/24/2016

Page 1581 of 1583

___ of ___

Name (for report and invoice): Asya Bychkov	Samplers Name (Printed): Brian McCarthy	Site/Project Identification: New York Wheel
Company: AKRF	P. O. #	State (Location of site): NJ: ☐ NY: ☑ Other:
		Regulatory Program: DEC DKQP: ☐
Address: 440 Park Avenue South	Analysis Turnaround Time: Standard ☐	LAB USE ONLY Project No:
City: NY State: NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 115613
Phone: 6463889533 Fax: 2127260942		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	SVOCs	TAL Metals	PCBs	Pesticides	Sample Numbers
SP-129-Grab	6/16/17	0820	Soil	2	X					1
SP-129-Composite	6/16/17	0830		1		X	X	X	X	2
SP-129-MS	6/16/17	0825		3	X	X	X	X	X	1-Grab 2 comp
SP-129-MSD	6/16/17	0826		3	X	X	X	X	X	1-Grab 2 comp
SP-130-Grab	6/16/17	0820		2	X					3
SP-130-Composite	6/16/17	0830		1		X	X	X	X	4
SP-131-Composite	6/16/17	0830		1		BSM X	X	X	X	5
Trip Blank	6/16/17		↓		X					6

SHORT HOLD

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____ Soil: Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by: Brian McCarthy	Company: AKRF	Date / Time: 6/17 1130	Received by 1):	Company:
Relinquished by 2):	Company:	Date / Time: 6/17/16 1445	Received by 2):	Company: TA Edison
Relinquished by 3):	Company:	Date / Time:	Received by 3):	Company: 6/17/16
Relinquished by 4):	Company:	Date / Time:	Received by 4):	Company: 1445

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0715)

FR 7 NOC 0C

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-115613-1

Login Number: 115613
List Number: 1
Creator: Hall, Alonzo

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.6° C IR#7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CI

460-118140 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

08/11/2016

Name (for report and invoice) Asya Bychkov	Samplers Name (Printed) Brian McGrattan	Site/Project Identification New York Wheel
Company AKRF, Inc	P. O. #	State (Location of site): NJ: ☐ NY: ☑ Other:
		Regulatory Program: DEC
Address 440 Park Ave. South	Analysis Turnaround Time: Standard ☑	
City New York State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 646-388-9533 Fax 2127260942		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	SVOCs	TAL Metals	PCBs	Pesticides	LAB USE ONLY Sample Numbers
SP-132-Grab	8/3		Soil	2	X					-1
SP-132-Composite	8/3		Soil	2		X	X	X	X	-2
SP-132-MS	8/3		Soil	4	X	X	X	X	X	-1,-2
SP-132-MSD	8/3		Soil	4	X	X	X	X	X	-1,-2
~~SP-133-Grab~~	~~8/3~~		~~Soil~~	~~2~~	~~X~~					
~~SP-133-Composite~~	~~8/3~~		~~Soil~~	~~2~~		~~X~~	~~X~~	~~X~~	~~X~~	
~~SP-133-Composite~~ SP-133-Composite	8/4		Soil	2			X	X	X	-3
Trip Blank	8/3				X					-4

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____ (Soil: / Water:)

Special Instructions

Water Metals Filtered (Yes/No)? _____

	Relinquished by	Company	Date / Time	Received by	Company
1)		AKRF, Inc	8/4 1345		T. A
2)		T. A	8/4/16 1530		TA Edison
3)		Company	Date / Time	Received by	Company
					8/4/16
4)		Company	Date / Time	Received by	Company
					1530

SHORT HOLD

Laboratory Certificat ...y (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312, ... Carolina (No. 578)

3-8 RFT no CS

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-118140-1

Login Number: 118140
List Number: 1
Creator: Rivera, Kenneth

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.8°C, IR #7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	See NCM
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page ___ of ___

Name (for report and invoice) Asya Bychkov	Samplers Name (Printed) Brian McCrattan	Site/Project Identification New York Wheel
Company AKRF, Inc	P. O. #	State (Location of site): NJ: ☐ NY: ☒ Other:
Address 440 Park Avenue South	Analysis Turnaround Time: Standard ☑	Regulatory Program: NEC
City New York State NY	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 646-388-9533 Fax 212-726-0942		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOCs	SVOCs	TAL Metals	PCBs	Pesticides	LAB USE ONLY Sample Numbers
SP-134-Grab	8/26	7:30	Soil	2	X					1
SP-134-Composite	8/26	8:00	Soil	2		X	X	X	X	2
SP-135-Grab	8/26	7:30	Soil	2	X					3
SP-135-Composite	8/26	8:00	Soil	2		X	X	X	X	4
SP-135-MS	8/26	7:30	Soil	4	X	X	X	X	X	3, 4
SP-135-MSD	8/26	7:30	Soil	4	X	X	X	X	X	3, 4
SP-136-Composite	8/26	9:00	Soil	2		X	X	X	X	5
SP-136-Grab	8/26	7:30	Soil	2	X					6
SP-137-Composite	8/26	8:00	Soil	2			X	X	X	7
Trip Blank	8/26			1						8

LAB USE ONLY Project No: Job No: 119223

SHORT HOLD

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other _____, 7 = Other _____ Soil: Water:

460-119223 Chain of Custody

Special Instructions

s Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Brian McCrattan	AKRF, Inc	8/26 1115	1)	T. A
2)	TA	8/26/16 1230	2)	TA EDI 8/26/16 12:30
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

2.8 ICE#7 No CS

Login Sample Receipt Checklist

Client: AKRF Inc

Job Number: 460-119223-1

Login Number: 119223
List Number: 1
Creator: Wisnewski, Kelly R

List Source: TestAmerica Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	See NCM
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Appendix B
Case Narratives

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-112038-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The sample was received on 4/12/2016 3:35 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TCLP METALS
Sample SP-111-C-2 (460-112038-1) was analyzed for TCLP metals in accordance with EPA SW-846 Methods 1311/ 6010C. The samples were leached on 04/14/2016, prepared on 04/15/2016 and analyzed on 04/16/2016.

No difficulties were encountered during the TCLP metals analysis.

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-113778-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 5/13/2016 2:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.5° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Chloromethane, Dichlorodifluoromethane and Vinyl chloride failed the recovery criteria low for LCS 460-368221/5. Refer to the QC report for details.

VOLATILE ORGANICS
Samples SP-124 G (460-113778-1), SP-125 G (460-113778-3), SP-126 G (460-113778-5) and SP-128-G (460-113778-8) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 05/13/2016 and analyzed on 05/16/2016.

The continuing calibration verification (CCV) analyzed in batch 368221 was outside the method criteria for the following analyte(s): 2-Hexanone (biased high); Vinyl chloride and Chloromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for batch 368221 recovered outside control limits for the following analytes: Vinyl chloride, Dichlorodifluoromethane and Chloromethane. These analytes were not detected in the associated samples; therefore, the data have been reported.

Several analytes failed the recovery criteria low for the MS/MSD of sample SP-124 GMS (460-113778-1) in batch 460-368221. 1,4-Dioxane, Acetone and Methyl acetate exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS
Sample TB (460-113778-10) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 05/18/2016.

The continuing calibration verification (CCV) analyzed in batch 368762 was outside the method criteria for the following analyte: Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

Trichloroethene failed the recovery criteria low for the MS/MSD of sample 460-113805-12 in batch 460-368762.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples SP-124 C (460-113778-2), SP-125 C (460-113778-4), SP-126 C (460-113778-6), SP-127-C (460-113778-7) and SP-128-C (460-113778-9) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 05/17/2016.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SP-124 C (460-113778-2), SP-125 C (460-113778-4), SP-126 C (460-113778-6), SP-127-C (460-113778-7) and SP-128-C (460-113778-9) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 05/17/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SP-124 C (460-113778-2), SP-125 C (460-113778-4), SP-126 C (460-113778-6) and SP-128-C (460-113778-9) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 05/17/2016 and analyzed on 05/18/2016 and 05/19/2016.

The continuing calibration verification (CCV) analyzed in batch 460-368594 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol, 2,2'-oxybis[1-chloropropane], Hexachlorobenzene and 2,4-Dinitrotoluene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-368809 was outside the method criteria for the following analyte(s): Indeno[1,2,3-cd]pyrene, 2,4,6-Tribromophenol, 2,2'-oxybis[1-chloropropane], Hexachlorobenzene, Hexachlorobutadiene and Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The method blank for preparation batch 460-368491 and analytical batch 460-368594 contained Atrazine above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

The following laboratory control sample (LCS) associated with batch 460-368491 contained one acid/base surrogate outside acceptance limits:(LCS 460-368491/2-A) and (LCS 460-368491/3-A). The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Atrazine was detected in method blank MB 460-368491/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. .

Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for SP-128-C (460-113778-9). 2,4,6-Tribromophenol (Surr) failed the surrogate recovery criteria high for LCS 460-368491/2-A. 2,4,6-Tribromophenol (Surr) and 2-Fluorobiphenyl failed the surrogate recovery criteria high for LCS 460-368491/3-A.

Several analytes failed the recovery criteria low for the MS of sample SP-124 CMS (460-113778-2) in batch 460-368594. For the MSD of sample SP-124 CMSD (460-113778-2) in batch 460-368594, Several analytes failed the recovery criteria low. Chrysene, Fluoranthene and Phenanthrene failed the recovery criteria high. Also, Several analytes exceeded the RPD limit.

Refer to the QC report for details.

Samples SP-125 C (460-113778-4)[5X], SP-126 C (460-113778-6)[2X] and SP-128-C (460-113778-9)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the abundance of target analytes: SP-128-C (460-113778-9). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples SP-124 C (460-113778-2), SP-125 C (460-113778-4), SP-126 C (460-113778-6), SP-127-C (460-113778-7) and SP-128-C (460-113778-9) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 05/16/2016.

Antimony and Zinc failed the recovery criteria low for the MS of sample SP-124 CMS (460-113778-2) in batch 460-368340. Several analytes failed the recovery criteria high.

Refer to the QC report for details.

Samples SP-124 C (460-113778-2)[4X], SP-125 C (460-113778-4)[4X], SP-126 C (460-113778-6)[4X], SP-127-C (460-113778-7)[4X] and SP-128-C (460-113778-9)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SP-124 C (460-113778-2), SP-125 C (460-113778-4), SP-126 C (460-113778-6), SP-127-C (460-113778-7) and SP-128-C (460-113778-9) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 05/17/2016.

Sample SP-128-C (460-113778-9)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SP-124 G (460-113778-1), SP-124 C (460-113778-2), SP-125 G (460-113778-3), SP-125 C (460-113778-4), SP-126 G (460-113778-5), SP-126 C (460-113778-6), SP-127-C (460-113778-7), SP-128-G (460-113778-8) and SP-128-C (460-113778-9) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 05/18/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-115613-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 6/17/2016 2:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.6° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS
Samples SP-129-Grab (460-115613-1) and SP-130-Grab (460-115613-3) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 06/18/2016 and analyzed on 06/23/2016.

The continuing calibration verification (CCV) analyzed in batch 375223 was outside the method criteria for the following analytes: Bromomethane and Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 375365 was outside the method criteria for the following analyte(s): Bromoform (biased low) and Trichlorofluoromethane (biased high). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Methylene Chloride was detected in method blank MB 460-375365/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blank LB3 460-374467/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. .

Several analytes failed the recovery criteria low for the MS of sample SP-129-GrabMS (460-115613-1) in batch 460-375408. Acetone failed the recovery criteria high. For the MSD of sample SP-129-GrabMSD (460-115613-1) in batch 460-375408, Several analytes failed the recovery criteria low. Acetone failed the recovery criteria high. Also, Several analytes exceeded the RPD limit.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS
Sample Trip Blank (460-115613-6) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 06/22/2016.

No difficulties were encountered during the Volatile organics analysis.

All quality control parameters were within the acceptance limits.

PESTICIDES
Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 06/21/2016.

No difficulties were encountered during the Pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 06/21/2016.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS
Samples SP-129-Composite (460-115613-2) and SP-130-Composite (460-115613-4) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 06/20/2016 and analyzed on 06/22/2016.

Several analytes failed the recovery criteria low for the MS/MSD of sample SP-129-CompositeMS/MSD (460-115613-2) in batch 460-375277. Several analytes exceeded the RPD limit.

Refer to the QC report for details.

Sample SP-129-Composite (460-115613-2)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS
Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared and analyzed on 06/20/2016.

Antimony, Lead and Zinc failed the recovery criteria low for the MS of sample SP-129-CompositeMS (460-115613-2) in batch 460-374817. Aluminum, Copper, Iron and Magnesium failed the recovery criteria high.

Refer to the QC report for details.

Samples SP-129-Composite (460-115613-2)[4X], SP-130-Composite (460-115613-4)[4X] and SP-131-Composite (460-115613-5)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples SP-129-Composite (460-115613-2), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 06/21/2016.

Mercury failed the recovery criteria high for the MS of sample SP-129-CompositeMS (460-115613-2) in batch 460-375018.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples SP-129-Grab (460-115613-1), SP-129-Composite (460-115613-2), SP-130-Grab (460-115613-3), SP-130-Composite (460-115613-4) and SP-131-Composite (460-115613-5) were analyzed for percent solids/percent moisture in accordance with EPA

Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 06/22/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: New York Wheel

Report Number: 460-118140-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 8/4/2016 3:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): SP-132-Grab (460-118140-1), SP-132-Grab (460-118140-1[MS]), SP-132-Grab (460-118140-1[MSD]), SP-132-Composite (460-118140-2), SP-132-Composite (460-118140-2[DU]), SP-132-Composite (460-118140-2[MS]), SP-132-Composite (460-118140-2[MSD]) and SP-133-Composite (460-118140-3). Sampling date is 8/3/16 on COC, but 8/4/16 on containers.

The following samples was received at the laboratory without a sample collection time documented on the chain of custody and were entered from the containers: SP-132-Grab (460-118140-1), SP-132-Grab (460-118140-1[MS]), SP-132-Grab (460-118140-1[MSD]), SP-132-Composite (460-118140-2), SP-132-Composite (460-118140-2[DU]), SP-132-Composite (460-118140-2[MS]), SP-132-Composite (460-118140-2[MSD]) and SP-133-Composite (460-118140-3).

The following sample was listed on the Chain of Custody (COC); however, no sample was received: Trip Blank (460-118140-4).

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. SB-132-MS and SB-132-MSD were split between Grab and Composites, because parent samples are separate on the COC.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Sample SP-132-Grab (460-118140-1) was analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/04/2016 and analyzed on 08/05/2016.

The continuing calibration verification (CCV) analyzed in batch 383136 was outside the method criteria for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample duplicate (LCSD) for batch 383136 recovered outside control limits for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. This analyte was not detected in the associated samples; therefore, the data have been reported.

The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with batch 383136 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Several analytes failed the recovery criteria low for the MS of sample SP-132-GrabMS (460-118140-1) in batch 460-383136. Methyl acetate failed the recovery criteria high.

For the MSD of sample SP-132-GrabMSD (460-118140-1) in batch 460-383136, Several analytes failed the recovery criteria low. Acetone and Methyl acetate failed the recovery criteria high. Also, Several analytes exceeded the RPD limit.

1,1,2-Trichloro-1,2,2-trifluoroethane failed the recovery criteria low for LCSD 460-383136/4.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES
Samples SP-132-Composite (460-118140-2) and SP-133-Composite (460-118140-3) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 08/08/2016.

4,4'-DDD, 4,4'-DDE and 4,4'-DDT failed the recovery criteria low for the MS of sample SP-132-CompositeMS (460-118140-2) in batch 460-383578.

Several analytes exceeded the RPD limit for the MSD of sample SP-132-CompositeMSD (460-118140-2) in batch 460-383578.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples SP-132-Composite (460-118140-2) and SP-133-Composite (460-118140-3) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared and analyzed on 08/08/2016.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (high biased) on the confirmation column due to matrix interference: SP-133-Composite (460-118140-3). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Aroclor 1016 failed the recovery criteria high for the MS of sample SP-132-CompositeMS (460-118140-2) in batch 460-383676.

Aroclor 1016 failed the recovery criteria high for the MSD of sample SP-132-CompositeMSD (460-118140-2) in batch 460-383676.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS
Sample SP-132-Composite (460-118140-2) was analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/07/2016 and analyzed on 08/08/2016.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (LCS 460-383462/3-A). These results have been reported and qualified.

The following laboratory control sample (LCS) associated with batch preparation batch 460-383462 and analytical batch 460-383543 contained one acid/base surrogate outside acceptance limits. The laboratory's SOP allows one acid and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

2-Fluorobiphenyl failed the surrogate recovery criteria high for LCS 460-383462/2-A. 2-Fluorobiphenyl failed the surrogate recovery criteria high for LCS 460-383462/3-A.

Several analytes failed the recovery criteria low for the MS of sample SP-132-CompositeMS (460-118140-2) in batch 460-383543.

For the MSD of sample SP-132-CompositeMSD (460-118140-2) in batch 460-383543, Several analytes failed the recovery criteria low. Several analytes failed the recovery criteria high. Also, Several analytes exceeded the RPD limit.

Refer to the QC report for details.

Sample SP-132-Composite (460-118140-2)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the nature of the sample matrix: SP-132-Composite (460-118140-2). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

The following samples was diluted due to the nature of the sample matrix: SP-132-Composite (460-118140-2[MS]) and SP-132-Composite (460-118140-2[MSD]). As such, MS/MSD spike recoveries and RPD were diluted out and are not reported.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples SP-132-Composite (460-118140-2) and SP-133-Composite (460-118140-3) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared on 08/05/2016 and analyzed on 08/06/2016.

Antimony, Iron, Lead and Manganese failed the recovery criteria low for the MS of sample SP-132-CompositeMS (460-118140-2) in batch 460-383383. Several analytes failed the recovery criteria high.

Refer to the QC report for details.

Samples SP-132-Composite (460-118140-2)[4X] and SP-133-Composite (460-118140-3)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SP-132-Composite (460-118140-2) and SP-133-Composite (460-118140-3) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/08/2016.

Mercury failed the recovery criteria low for the MS of sample SP-132-CompositeMS (460-118140-2) in batch 460-383633.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SP-132-Grab (460-118140-1), SP-132-Composite (460-118140-2) and SP-133-Composite (460-118140-3) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/09/2016.

Percent Moisture exceeded the RPD limit for the duplicate of sample SP-132-CompositeDU (460-118140-2).

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

CASE NARRATIVE

Client: AKRF Inc

Project: NY Wheel

Report Number: 460-119223-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 8/26/2016 12:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8° C.

Receipt Exceptions

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed: SP-134-Grab (460-119223-1), SP-135-Grab (460-119223-3) and SP-136-Grab (460-119223-6) *COC lists 2 containers; received 4 containers.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed: Trip Blank (460-119223-8) *COC lits 1 container; received 2 containers. No analysis marked on COC; logged in for VOCs.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS
Samples SP-134-Grab (460-119223-1), SP-135-Grab (460-119223-3) and SP-136-Grab (460-119223-6) were analyzed for Volatile organics in accordance with EPA SW-846 Method 8260C. The samples were prepared on 08/26/2016 and analyzed on 08/30/2016.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 387610 recovered above the upper control limit for Bromoform. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 387610 recovered outside control limits for the following analytes: Bromomethane and Bromoform. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOLATILE ORGANICS
Sample Trip Blank (460-119223-8) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 08/28/2016.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

PESTICIDES
Samples SP-134-Composite (460-119223-2), SP-135-Composite (460-119223-4), SP-136-Composite (460-119223-5) and SP-137-Composite (460-119223-7) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared and analyzed on 08/31/2016.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

POLYCHLORINATED BIPHENYLS

Samples SP-134-Composite (460-119223-2), SP-135-Composite (460-119223-4), SP-136-Composite (460-119223-5) and SP-137-Composite (460-119223-7) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/31/2016 and analyzed on 09/01/2016.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SP-134-Composite (460-119223-2), SP-135-Composite (460-119223-4) and SP-136-Composite (460-119223-5) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 08/30/2016 and analyzed on 08/31/2016 and 09/01/2016.

Method(s) 8270D: The following samples was diluted due to the abundance of target analytes: SP-135-Composite (460-119223-4), SP-135-Composite (460-119223-4[MS]) and SP-135-Composite (460-119223-4[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The minimum response factor (RF) criteria for the continuing calibration verification (CCV) analyzed in batch 460-387960 was outside criteria for the following analyte(s): Butyl benzyl phthalate, 2,3,4,6-Tetrachlorophenol 2,2'-oxybis[1-chloropropane] Hexachlorobenzene Pyrene 1,2,4,5-Tetrachlorobenzene Hexachlorocyclopentadiene Pentachlorophenol Hexachlorobutadiene and Di-n-octyl phthalate<AffectedAnalytes>. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 460-387960 was outside the method criteria for the following analyte(s): Benzaldehyde<AffectedAnalytes>. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCS associated with batch 387662 had three analyte(2,2'-oxybis[1-chloropropane], Hexachlorocyclopentadiene and Hexachlorobutadiene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 460-388056 was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, 2,4,6-Tribromophenol, bis (2-chloroisopropyl) ether, Hexachlorobenzene, 1,2,4,5-Tetrachlorobenzene, Hexachlorobutadiene, Di-n-octyl phthalate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: The continuing calibration verification (CCV) analyzed in batch 460-388056 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method(s) 8270D: Surrogates recoveries for the following laboratory control sample (LCS) associated with batch 460-387662 were outside limits. All spike recoveries were within limits. Sample has been qualified and reported.

Method(s) 8270D: The following sample was diluted due to abundance of non-target analytes: SP-136-Composite (460-119223-5). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

METALS

Samples SP-134-Composite (460-119223-2), SP-135-Composite (460-119223-4), SP-136-Composite (460-119223-5) and SP-137-Composite (460-119223-7) were analyzed for Metals in accordance with EPA SW-846 Methods 6010C. The samples were prepared on 08/31/2016 and analyzed on 09/01/2016.

Samples SP-134-Composite (460-119223-2)[4X], SP-135-Composite (460-119223-4)[4X], SP-136-Composite (460-119223-5)[4X] and SP-137-Composite (460-119223-7)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

TOTAL MERCURY

Samples SP-134-Composite (460-119223-2), SP-135-Composite (460-119223-4), SP-136-Composite (460-119223-5) and SP-137-Composite (460-119223-7) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 08/30/2016.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SP-134-Grab (460-119223-1), SP-134-Composite (460-119223-2), SP-135-Grab (460-119223-3), SP-135-Composite

(460-119223-4), SP-136-Composite (460-119223-5), SP-136-Grab (460-119223-6) and SP-137-Composite (460-119223-7) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/30/2016.

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Job Number: 460-119223-1

Job Description: NY Wheel

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Melissa Haas

Approved for release.
Melissa Haas
Project Manager I
9/2/2016 3:35 PM

Melissa Haas

Appendix C
Data Summary Form Is with Qualifications

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 G | Lab Sample ID: 460-113778-1

Matrix: Solid | Lab File ID: D21530.D

Analysis Method: 8260C | Date Collected: 05/13/2016 11:20

Sample wt/vol: 3.48(g) | Date Analyzed: 05/16/2016 13:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.6	U	1.6	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	1.6	0.27
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.6	U	1.6	0.71
79-00-5	1,1,2-Trichloroethane	1.6	U	1.6	0.45
75-34-3	1,1-Dichloroethane	1.6	U	1.6	0.55
75-35-4	1,1-Dichloroethene	1.6	U	1.6	0.66
87-61-6	1,2,3-Trichlorobenzene	1.6	U	1.6	0.18
120-82-1	1,2,4-Trichlorobenzene	1.6	U	1.6	0.51
78-87-5	1,2-Dichloropropane	1.6	U	1.6	0.27
541-73-1	1,3-Dichlorobenzene	1.6	U	1.6	0.19
106-46-7	1,4-Dichlorobenzene	1.6	U	1.6	0.21
123-91-1	1,4-Dioxane	32	U	32	10
78-93-3	2-Butanone (MEK)	8.0	U	8.0	1.2
591-78-6	2-Hexanone	8.0	~~U~~ UJ	8.0	1.5
108-10-1	4-Methyl-2-pentanone (MIBK)	8.0	U	8.0	3.6
67-64-1	Acetone	8.0	~~U~~ UJ	8.0	1.7
71-43-2	Benzene	1.6	U	1.6	0.32
75-25-2	Bromoform	1.6	U	1.6	0.21
74-83-9	Bromomethane	1.6	U	1.6	0.51
75-15-0	Carbon disulfide	1.6	U	1.6	0.69
56-23-5	Carbon tetrachloride	1.6	U	1.6	0.69
108-90-7	Chlorobenzene	1.6	U	1.6	0.22
74-97-5	Chlorobromomethane	1.6	U	1.6	0.27
124-48-1	Chlorodibromomethane	1.6	U	1.6	0.24
75-00-3	Chloroethane	1.6	U	1.6	0.56
67-66-3	Chloroform	1.6	U	1.6	0.34
74-87-3	Chloromethane	1.6	~~U~~ UJ	1.6	0.61
156-59-2	cis-1,2-Dichloroethene	1.6	U	1.6	0.35
10061-01-5	cis-1,3-Dichloropropene	1.6	U	1.6	0.24
110-82-7	Cyclohexane	1.6	U	1.6	0.74
75-27-4	Dichlorobromomethane	1.6	U	1.6	0.61
75-71-8	Dichlorodifluoromethane	1.6	~~U~~ UJ	1.6	0.51
100-41-4	Ethylbenzene	1.6	U	1.6	0.29
106-93-4	Ethylene Dibromide	1.6	U	1.6	0.19
98-82-8	Isopropylbenzene	1.6	U	1.6	0.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 G | Lab Sample ID: 460-113778-1

Matrix: Solid | Lab File ID: D21530.D

Analysis Method: 8260C | Date Collected: 05/13/2016 11:20

Sample wt/vol: 3.48(g) | Date Analyzed: 05/16/2016 13:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.6 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	8.0	U	8.0	1.4
1634-04-4	Methyl tert-butyl ether	1.6	U	1.6	0.27
108-87-2	Methylcyclohexane	1.6	U	1.6	0.80
75-09-2	Methylene Chloride	1.6	U	1.6	0.51
179601-23-1	m-Xylene & p-Xylene	1.6	U	1.6	0.18
95-47-6	o-Xylene	1.6	U	1.6	0.26
100-42-5	Styrene	1.6	U	1.6	0.24
127-18-4	Tetrachloroethene	1.6	U	1.6	0.45
108-88-3	Toluene	1.6	U	1.6	0.31
156-60-5	trans-1,2-Dichloroethene	1.6	U	1.6	0.63
10061-02-6	trans-1,3-Dichloropropene	1.6	U	1.6	0.16
79-01-6	Trichloroethene	1.6	U	1.6	0.42
75-69-4	Trichlorofluoromethane	1.6	U	1.6	0.55
75-01-4	Vinyl chloride	1.6	~~U~~ UJ	1.6	0.63
107-06-2	1,2-Dichloroethane	1.6	U	1.6	0.18
95-50-1	1,2-Dichlorobenzene	1.6	U	1.6	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	1.6	U	1.6	0.76

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		78-135
460-00-4	4-Bromofluorobenzene	94		67-126
1868-53-7	Dibromofluoromethane (Surr)	105		61-149
2037-26-5	Toluene-d8 (Surr)	95		73-121

JA 5/16/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 G | Lab Sample ID: 460-113778-3

Matrix: Solid | Lab File ID: D21531.D

Analysis Method: 8260C | Date Collected: 05/13/2016 11:00

Sample wt/vol: 2.30(g) | Date Analyzed: 05/16/2016 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.4	U	2.4	0.93
79-34-5	1,1,2,2-Tetrachloroethane	2.4	U	2.4	0.41
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.4	U	2.4	1.1
79-00-5	1,1,2-Trichloroethane	2.4	U	2.4	0.68
75-34-3	1,1-Dichloroethane	2.4	U	2.4	0.83
75-35-4	1,1-Dichloroethene	2.4	U	2.4	1.0
87-61-6	1,2,3-Trichlorobenzene	2.4	U	2.4	0.27
120-82-1	1,2,4-Trichlorobenzene	2.4	U	2.4	0.78
78-87-5	1,2-Dichloropropane	2.4	U	2.4	0.41
541-73-1	1,3-Dichlorobenzene	2.4	U	2.4	0.29
106-46-7	1,4-Dichlorobenzene	2.4	U	2.4	0.32
123-91-1	1,4-Dioxane	49	U	49	16
78-93-3	2-Butanone (MEK)	12	U	12	1.9
591-78-6	2-Hexanone	12	~~U~~ UJ	12	2.3
108-10-1	4-Methyl-2-pentanone (MIBK)	12	U	12	5.4
67-64-1	Acetone	11	~~J~~ J	12	2.6
71-43-2	Benzene	2.4	U	2.4	0.49
75-25-2	Bromoform	2.4	U	2.4	0.32
74-83-9	Bromomethane	2.4	U	2.4	0.78
75-15-0	Carbon disulfide	2.4	U	2.4	1.0
56-23-5	Carbon tetrachloride	2.4	U	2.4	1.0
108-90-7	Chlorobenzene	2.4	U	2.4	0.34
74-97-5	Chlorobromomethane	2.4	U	2.4	0.41
124-48-1	Chlorodibromomethane	2.4	U	2.4	0.37
75-00-3	Chloroethane	2.4	U	2.4	0.85
67-66-3	Chloroform	2.4	U	2.4	0.51
74-87-3	Chloromethane	2.4	~~U~~ UJ	2.4	0.93
156-59-2	cis-1,2-Dichloroethene	2.4	U	2.4	0.54
10061-01-5	cis-1,3-Dichloropropene	2.4	U	2.4	0.37
110-82-7	Cyclohexane	2.4	U	2.4	1.1
75-27-4	Dichlorobromomethane	2.4	U	2.4	0.93
75-71-8	Dichlorodifluoromethane	2.4	~~U~~ UJ	2.4	0.78
100-41-4	Ethylbenzene	2.4	U	2.4	0.44
106-93-4	Ethylene Dibromide	2.4	U	2.4	0.29
98-82-8	Isopropylbenzene	2.4	U	2.4	0.41

5/16/17 05/20/2016

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 G | Lab Sample ID: 460-113778-3

Matrix: Solid | Lab File ID: D21531.D

Analysis Method: 8260C | Date Collected: 05/13/2016 11:00

Sample wt/vol: 2.30(g) | Date Analyzed: 05/16/2016 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 10.9 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	12	U	12	2.2
1634-04-4	Methyl tert-butyl ether	2.4	U	2.4	0.41
108-87-2	Methylcyclohexane	2.4	U	2.4	1.2
75-09-2	Methylene Chloride	11		2.4	0.78
179601-23-1	m-Xylene & p-Xylene	2.4	U	2.4	0.27
95-47-6	o-Xylene	2.4	U	2.4	0.39
100-42-5	Styrene	2.4	U	2.4	0.37
127-18-4	Tetrachloroethene	2.4	U	2.4	0.68
108-88-3	Toluene	2.4	U	2.4	0.46
156-60-5	trans-1,2-Dichloroethene	2.4	U	2.4	0.95
10061-02-6	trans-1,3-Dichloropropene	2.4	U	2.4	0.24
79-01-6	Trichloroethene	2.4	U	2.4	0.63
75-69-4	Trichlorofluoromethane	2.4	U	2.4	0.83
75-01-4	Vinyl chloride	2.4	U → UJ	2.4	0.95
107-06-2	1,2-Dichloroethane	2.4	U	2.4	0.27
95-50-1	1,2-Dichlorobenzene	2.4	U	2.4	0.34
96-12-8	1,2-Dibromo-3-Chloropropane	2.4	U	2.4	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		78-135
460-00-4	4-Bromofluorobenzene	99		67-126
1868-53-7	Dibromofluoromethane (Surr)	102		61-149
2037-26-5	Toluene-d8 (Surr)	99		73-121

5/16/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 G | Lab Sample ID: 460-113778-5

Matrix: Solid | Lab File ID: D21532.D

Analysis Method: 8260C | Date Collected: 05/13/2016 10:50

Sample wt/vol: 3.14(g) | Date Analyzed: 05/16/2016 14:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.3 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.8	U	1.8	0.67
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	1.8	0.30
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	U	1.8	0.77
79-00-5	1,1,2-Trichloroethane	1.8	U	1.8	0.49
75-34-3	1,1-Dichloroethane	1.8	U	1.8	0.60
75-35-4	1,1-Dichloroethene	1.8	U	1.8	0.72
87-61-6	1,2,3-Trichlorobenzene	1.8	U	1.8	0.19
120-82-1	1,2,4-Trichlorobenzene	1.8	U	1.8	0.56
78-87-5	1,2-Dichloropropane	1.8	U	1.8	0.30
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	0.21
106-46-7	1,4-Dichlorobenzene	1.8	U	1.8	0.23
123-91-1	1,4-Dioxane	35	U	35	11
78-93-3	2-Butanone (MEK)	8.8	U	8.8	1.4
591-78-6	2-Hexanone	8.8	~~U~~ UJ	8.8	1.6
108-10-1	4-Methyl-2-pentanone (MIBK)	8.8	U	8.8	3.9
67-64-1	Acetone	8.8	~~U~~ UJ	8.8	1.9
71-43-2	Benzene	1.8	U	1.8	0.35
75-25-2	Bromoform	1.8	U	1.8	0.23
74-83-9	Bromomethane	1.8	U	1.8	0.56
75-15-0	Carbon disulfide	1.8	U	1.8	0.75
56-23-5	Carbon tetrachloride	1.8	U	1.8	0.75
108-90-7	Chlorobenzene	1.8	U	1.8	0.25
74-97-5	Chlorobromomethane	1.8	U	1.8	0.30
124-48-1	Chlorodibromomethane	1.8	U	1.8	0.26
75-00-3	Chloroethane	1.8	U	1.8	0.61
67-66-3	Chloroform	1.8	U	1.8	0.37
74-87-3	Chloromethane	1.8	~~U~~ UJ	1.8	0.67
156-59-2	cis-1,2-Dichloroethene	1.8	U	1.8	0.39
10061-01-5	cis-1,3-Dichloropropene	1.8	U	1.8	0.26
110-82-7	Cyclohexane	1.8	U	1.8	0.81
75-27-4	Dichlorobromomethane	1.8	U	1.8	0.67
75-71-8	Dichlorodifluoromethane	1.8	~~U~~ UJ	1.8	0.56
100-41-4	Ethylbenzene	1.8	U	1.8	0.32
106-93-4	Ethylene Dibromide	1.8	U	1.8	0.21
98-82-8	Isopropylbenzene	1.8	U	1.8	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 G | Lab Sample ID: 460-113778-5

Matrix: Solid | Lab File ID: D21532.D

Analysis Method: 8260C | Date Collected: 05/13/2016 10:50

Sample wt/vol: 3.14(g) | Date Analyzed: 05/16/2016 14:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 9.3 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	8.8	U	8.8	1.6
1634-04-4	Methyl tert-butyl ether	1.8	U	1.8	0.30
108-87-2	Methylcyclohexane	1.8	U	1.8	0.88
75-09-2	Methylene Chloride	1.8	U	1.8	0.56
179601-23-1	m-Xylene & p-Xylene	1.8	U	1.8	0.19
95-47-6	o-Xylene	1.8	U	1.8	0.28
100-42-5	Styrene	1.8	U	1.8	0.26
127-18-4	Tetrachloroethene	1.8	U	1.8	0.49
108-88-3	Toluene	1.8	U	1.8	0.33
156-60-5	trans-1,2-Dichloroethene	1.8	U	1.8	0.68
10061-02-6	trans-1,3-Dichloropropene	1.8	U	1.8	0.18
79-01-6	Trichloroethene	1.8	U	1.8	0.46
75-69-4	Trichlorofluoromethane	1.8	U	1.8	0.60
75-01-4	Vinyl chloride	1.8	~~U~~ UJ	1.8	0.68
107-06-2	1,2-Dichloroethane	1.8	U	1.8	0.19
95-50-1	1,2-Dichlorobenzene	1.8	U	1.8	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	1.8	U	1.8	0.82

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		78-135
460-00-4	4-Bromofluorobenzene	93		67-126
1868-53-7	Dibromofluoromethane (Surr)	108		61-149
2037-26-5	Toluene-d8 (Surr)	95		73-121

7/6/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-G | Lab Sample ID: 460-113778-8

Matrix: Solid | Lab File ID: D21533.D

Analysis Method: 8260C | Date Collected: 05/13/2016 10:50

Sample wt/vol: 2.88(g) | Date Analyzed: 05/16/2016 14:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.9 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.9	U	1.9	0.72
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	1.9	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.9	U	1.9	0.83
79-00-5	1,1,2-Trichloroethane	1.9	U	1.9	0.53
75-34-3	1,1-Dichloroethane	1.9	U	1.9	0.64
75-35-4	1,1-Dichloroethene	1.9	U	1.9	0.77
87-61-6	1,2,3-Trichlorobenzene	1.9	U	1.9	0.21
120-82-1	1,2,4-Trichlorobenzene	1.9	U	1.9	0.60
78-87-5	1,2-Dichloropropane	1.9	U	1.9	0.32
541-73-1	1,3-Dichlorobenzene	1.9	U	1.9	0.23
106-46-7	1,4-Dichlorobenzene	1.9	U	1.9	0.25
123-91-1	1,4-Dioxane	38	U	38	12
78-93-3	2-Butanone (MEK)	9.4	U	9.4	1.5
591-78-6	2-Hexanone	9.4	~~U~~ UJ	9.4	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	9.4	U	9.4	4.2
67-64-1	Acetone	9.4	~~U~~ UJ	9.4	2.0
71-43-2	Benzene	1.9	U	1.9	0.38
75-25-2	Bromoform	1.9	U	1.9	0.25
74-83-9	Bromomethane	1.9	U	1.9	0.60
75-15-0	Carbon disulfide	1.9	U	1.9	0.81
56-23-5	Carbon tetrachloride	1.9	U	1.9	0.81
108-90-7	Chlorobenzene	1.9	U	1.9	0.26
74-97-5	Chlorobromomethane	1.9	U	1.9	0.32
124-48-1	Chlorodibromomethane	1.9	U	1.9	0.28
75-00-3	Chloroethane	1.9	U	1.9	0.66
67-66-3	Chloroform	1.9	U	1.9	0.40
74-87-3	Chloromethane	1.9	~~U~~ UJ	1.9	0.72
156-59-2	cis-1,2-Dichloroethene	1.9	U	1.9	0.41
10061-01-5	cis-1,3-Dichloropropene	1.9	U	1.9	0.28
110-82-7	Cyclohexane	1.9	U	1.9	0.87
75-27-4	Dichlorobromomethane	1.9	U	1.9	0.72
75-71-8	Dichlorodifluoromethane	1.9	~~U~~ UJ	1.9	0.60
100-41-4	Ethylbenzene	1.9	U	1.9	0.34
106-93-4	Ethylene Dibromide	1.9	U	1.9	0.23
98-82-8	Isopropylbenzene	1.9	U	1.9	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-G | Lab Sample ID: 460-113778-8

Matrix: Solid | Lab File ID: D21533.D

Analysis Method: 8260C | Date Collected: 05/13/2016 10:50

Sample wt/vol: 2.88(g) | Date Analyzed: 05/16/2016 14:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.9 | Level: (low/med) Low

Analysis Batch No.: 368221 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	9.4	U	9.4	1.7
1634-04-4	Methyl tert-butyl ether	1.9	U	1.9	0.32
108-87-2	Methylcyclohexane	1.9	U	1.9	0.94
75-09-2	Methylene Chloride	1.9	U	1.9	0.60
179601-23-1	m-Xylene & p-Xylene	1.9	U	1.9	0.21
95-47-6	o-Xylene	1.9	U	1.9	0.30
100-42-5	Styrene	1.9	U	1.9	0.28
127-18-4	Tetrachloroethene	1.9	U	1.9	0.53
108-88-3	Toluene	1.9	U	1.9	0.36
156-60-5	trans-1,2-Dichloroethene	1.9	U	1.9	0.74
10061-02-6	trans-1,3-Dichloropropene	1.9	U	1.9	0.19
79-01-6	Trichloroethene	1.9	U	1.9	0.49
75-69-4	Trichlorofluoromethane	1.9	U	1.9	0.64
75-01-4	Vinyl chloride	1.9	~~U~~ UJ	1.9	0.74
107-06-2	1,2-Dichloroethane	1.9	U	1.9	0.21
95-50-1	1,2-Dichlorobenzene	1.9	U	1.9	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	1.9	U	1.9	0.89

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		78-135
460-00-4	4-Bromofluorobenzene	93		67-126
1868-53-7	Dibromofluoromethane (Surr)	105		61-149
2037-26-5	Toluene-d8 (Surr)	85		73-121

SO 5/16/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: TB | Lab Sample ID: 460-113778-10

Matrix: Water | Lab File ID: O10268.D

Analysis Method: 8260C | Date Collected: 05/13/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/18/2016 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 368762 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: TB | Lab Sample ID: 460-113778-10

Matrix: Water | Lab File ID: O10268.D

Analysis Method: 8260C | Date Collected: 05/13/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/18/2016 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 368762 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-137
460-00-4	4-Bromofluorobenzene	101		70-131
1868-53-7	Dibromofluoromethane (Surr)	109		72-136
2037-26-5	Toluene-d8 (Surr)	104		74-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Grab Lab Sample ID: 460-115613-1

Matrix: Solid Lab File ID: K55131.D

Analysis Method: 8260C Date Collected: 06/17/2016 08:20

Sample wt/vol: 2.98(g) Date Analyzed: 06/23/2016 04:09

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.6 Level: (low/med) Low

Analysis Batch No.: 375408 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.8	U	1.8	0.70
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	1.8	0.31
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	U	1.8	0.81
79-00-5	1,1,2-Trichloroethane	1.8	U	1.8	0.51
75-34-3	1,1-Dichloroethane	1.8	U	1.8	0.62
75-35-4	1,1-Dichloroethene	1.8	U	1.8	0.75
87-61-6	1,2,3-Trichlorobenzene	1.8	U UJ	1.8	0.20
120-82-1	1,2,4-Trichlorobenzene	1.8	U	1.8	0.59
78-87-5	1,2-Dichloropropane	1.8	U	1.8	0.31
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	0.22
106-46-7	1,4-Dichlorobenzene	1.8	U	1.8	0.24
123-91-1	1,4-Dioxane	37	U	37	12
78-93-3	2-Butanone (MEK)	9.2	U	9.2	1.4
591-78-6	2-Hexanone	9.2	U	9.2	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	9.2	U	9.2	4.1
67-64-1	Acetone	9.2	U	9.2	1.9
71-43-2	Benzene	1.8	U	1.8	0.37
75-25-2	Bromoform	1.8	U	1.8	0.24
74-83-9	Bromomethane	1.8	U	1.8	0.59
75-15-0	Carbon disulfide	1.8	U	1.8	0.79
56-23-5	Carbon tetrachloride	1.8	U	1.8	0.79
108-90-7	Chlorobenzene	1.8	U	1.8	0.26
74-97-5	Chlorobromomethane	1.8	U	1.8	0.31
124-48-1	Chlorodibromomethane	1.8	U	1.8	0.28
75-00-3	Chloroethane	1.8	U	1.8	0.64
67-66-3	Chloroform	1.8	U	1.8	0.39
74-87-3	Chloromethane	1.8	U	1.8	0.70
156-59-2	cis-1,2-Dichloroethene	1.8	U	1.8	0.40
10061-01-5	cis-1,3-Dichloropropene	1.8	U	1.8	0.28
110-82-7	Cyclohexane	1.8	U	1.8	0.84
75-27-4	Dichlorobromomethane	1.8	U	1.8	0.70
75-71-8	Dichlorodifluoromethane	1.8	U	1.8	0.59
100-41-4	Ethylbenzene	1.8	U	1.8	0.33
106-93-4	Ethylene Dibromide	1.8	U	1.8	0.22
98-82-8	Isopropylbenzene	1.8	U	1.8	0.31

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Grab | Lab Sample ID: 460-115613-1

Matrix: Solid | Lab File ID: K55131.D

Analysis Method: 8260C | Date Collected: 06/17/2016 08:20

Sample wt/vol: 2.98(g) | Date Analyzed: 06/23/2016 04:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 8.6 | Level: (low/med) Low

Analysis Batch No.: 375408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	9.2	U	9.2	1.7
1634-04-4	Methyl tert-butyl ether	1.8	U	1.8	0.31
108-87-2	Methylcyclohexane	1.8	U	1.8	0.92
75-09-2	Methylene Chloride	1.8	U	1.8	0.59
179601-23-1	m-Xylene & p-Xylene	1.8	U	1.8	0.20
95-47-6	o-Xylene	1.8	U	1.8	0.29
100-42-5	Styrene	1.8	U	1.8	0.28
127-18-4	Tetrachloroethene	1.8	U	1.8	0.51
108-88-3	Toluene	1.8	U	1.8	0.35
156-60-5	trans-1,2-Dichloroethene	1.8	U	1.8	0.72
10061-02-6	trans-1,3-Dichloropropene	1.8	U	1.8	0.18
79-01-6	Trichloroethene	1.8	U	1.8	0.48
75-69-4	Trichlorofluoromethane	1.8	U	1.8	0.62
75-01-4	Vinyl chloride	1.8	U	1.8	0.72
107-06-2	1,2-Dichloroethane	1.8	U	1.8	0.20
95-50-1	1,2-Dichlorobenzene	1.8	U	1.8	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	1.8	U	1.8	0.86

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	114		78-135
460-00-4	4-Bromofluorobenzene	92		67-126
1868-53-7	Dibromofluoromethane (Surr)	106		61-149
2037-26-5	Toluene-d8 (Surr)	104		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Grab | Lab Sample ID: 460-115613-3

Matrix: Solid | Lab File ID: K55132.D

Analysis Method: 8260C | Date Collected: 06/17/2016 08:20

Sample wt/vol: 2.90(g) | Date Analyzed: 06/23/2016 04:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.8 | Level: (low/med) Low

Analysis Batch No.: 375408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.9	U	1.9	0.71
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	1.9	0.32
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.9	U	1.9	0.82
79-00-5	1,1,2-Trichloroethane	1.9	U	1.9	0.52
75-34-3	1,1-Dichloroethane	1.9	U	1.9	0.64
75-35-4	1,1-Dichloroethene	1.9	U	1.9	0.77
87-61-6	1,2,3-Trichlorobenzene	1.9	U	1.9	0.21
120-82-1	1,2,4-Trichlorobenzene	1.9	U	1.9	0.60
78-87-5	1,2-Dichloropropane	1.9	U	1.9	0.32
541-73-1	1,3-Dichlorobenzene	1.9	U	1.9	0.22
106-46-7	1,4-Dichlorobenzene	1.9	U	1.9	0.24
123-91-1	1,4-Dioxane	37	U	37	12
78-93-3	2-Butanone (MEK)	9.3	U	9.3	1.4
591-78-6	2-Hexanone	9.3	U	9.3	1.8
108-10-1	4-Methyl-2-pentanone (MIBK)	9.3	U	9.3	4.1
67-64-1	Acetone	9.3	U	9.3	2.0
71-43-2	Benzene	1.9	U	1.9	0.37
75-25-2	Bromoform	1.9	U	1.9	0.24
74-83-9	Bromomethane	1.9	U	1.9	0.60
75-15-0	Carbon disulfide	1.9	U	1.9	0.80
56-23-5	Carbon tetrachloride	1.9	U	1.9	0.80
108-90-7	Chlorobenzene	1.9	U	1.9	0.26
74-97-5	Chlorobromomethane	1.9	U	1.9	0.32
124-48-1	Chlorodibromomethane	1.9	U	1.9	0.28
75-00-3	Chloroethane	1.9	U	1.9	0.65
67-66-3	Chloroform	1.9	U	1.9	0.39
74-87-3	Chloromethane	1.9	U	1.9	0.71
156-59-2	cis-1,2-Dichloroethene	1.9	U	1.9	0.41
10061-01-5	cis-1,3-Dichloropropene	1.9	U	1.9	0.28
110-82-7	Cyclohexane	1.9	U	1.9	0.86
75-27-4	Dichlorobromomethane	1.9	U	1.9	0.71
75-71-8	Dichlorodifluoromethane	1.9	U	1.9	0.60
100-41-4	Ethylbenzene	1.9	U	1.9	0.34
106-93-4	Ethylene Dibromide	1.9	U	1.9	0.22
98-82-8	Isopropylbenzene	1.9	U	1.9	0.32

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Grab | Lab Sample ID: 460-115613-3

Matrix: Solid | Lab File ID: K55132.D

Analysis Method: 8260C | Date Collected: 06/17/2016 08:20

Sample wt/vol: 2.90(g) | Date Analyzed: 06/23/2016 04:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 7.8 | Level: (low/med) Low

Analysis Batch No.: 375408 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	9.3	U	9.3	1.7
1634-04-4	Methyl tert-butyl ether	1.9	U	1.9	0.32
108-87-2	Methylcyclohexane	1.9	U	1.9	0.93
75-09-2	Methylene Chloride	1.9	U	1.9	0.60
179601-23-1	m-Xylene & p-Xylene	1.9	U	1.9	0.21
95-47-6	o-Xylene	1.9	U	1.9	0.30
100-42-5	Styrene	1.9	U	1.9	0.28
127-18-4	Tetrachloroethene	1.9	U	1.9	0.52
108-88-3	Toluene	1.9	U	1.9	0.36
156-60-5	trans-1,2-Dichloroethene	1.9	U	1.9	0.73
10061-02-6	trans-1,3-Dichloropropene	1.9	U	1.9	0.19
79-01-6	Trichloroethene	1.9	U	1.9	0.49
75-69-4	Trichlorofluoromethane	1.9	U	1.9	0.64
75-01-4	Vinyl chloride	1.9	U	1.9	0.73
107-06-2	1,2-Dichloroethane	1.9	U	1.9	0.21
95-50-1	1,2-Dichlorobenzene	1.9	U	1.9	0.26
96-12-8	1,2-Dibromo-3-Chloropropane	1.9	U	1.9	0.88

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		78-135
460-00-4	4-Bromofluorobenzene	85		67-126
1868-53-7	Dibromofluoromethane (Surr)	100		61-149
2037-26-5	Toluene-d8 (Surr)	97		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-115613-6

Matrix: Water | Lab File ID: O11546.D

Analysis Method: 8260C | Date Collected: 06/17/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/22/2016 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 375223 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	~~U~~ UJ	1.0	0.18
74-83-9	Bromomethane	1.0	~~U~~ UJ	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-115613-6

Matrix: Water | Lab File ID: O11546.D

Analysis Method: 8260C | Date Collected: 06/17/2016 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 06/22/2016 20:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 375223 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-137
460-00-4	4-Bromofluorobenzene	96		70-131
1868-53-7	Dibromofluoromethane (Surr)	100		72-136
2037-26-5	Toluene-d8 (Surr)	102		74-120

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Grab | Lab Sample ID: 460-118140-1

Matrix: Solid | Lab File ID: D24736.D

Analysis Method: 8260C | Date Collected: 08/03/2016 07:30

Sample wt/vol: 2.98(g) | Date Analyzed: 08/05/2016 09:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 383136 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.8	U	1.8	0.68
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	1.8	0.30
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	~~U~~ UJ	1.8	0.78
79-00-5	1,1,2-Trichloroethane	1.8	U	1.8	0.50
75-34-3	1,1-Dichloroethane	1.8	U	1.8	0.61
75-35-4	1,1-Dichloroethene	1.8	U	1.8	0.73
87-61-6	1,2,3-Trichlorobenzene	1.8	~~U~~ UJ	1.8	0.20
120-82-1	1,2,4-Trichlorobenzene	1.8	~~U~~ UJ	1.8	0.57
78-87-5	1,2-Dichloropropane	1.8	U	1.8	0.30
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	0.21
106-46-7	1,4-Dichlorobenzene	1.8	U	1.8	0.23
123-91-1	1,4-Dioxane	36	U	36	11
78-93-3	2-Butanone (MEK)	8.9	U	8.9	1.4
591-78-6	2-Hexanone	8.9	U	8.9	1.7
108-10-1	4-Methyl-2-pentanone (MIBK)	8.9	U	8.9	4.0
67-64-1	Acetone	8.9	U	8.9	1.9
71-43-2	Benzene	1.8	U	1.8	0.36
75-25-2	Bromoform	1.8	U	1.8	0.23
74-83-9	Bromomethane	1.8	U	1.8	0.57
75-15-0	Carbon disulfide	1.8	U	1.8	0.77
56-23-5	Carbon tetrachloride	1.8	U	1.8	0.77
108-90-7	Chlorobenzene	1.8	U	1.8	0.25
74-97-5	Chlorobromomethane	1.8	U	1.8	0.30
124-48-1	Chlorodibromomethane	1.8	U	1.8	0.27
75-00-3	Chloroethane	1.8	U	1.8	0.62
67-66-3	Chloroform	1.8	U	1.8	0.37
74-87-3	Chloromethane	1.8	U	1.8	0.68
156-59-2	cis-1,2-Dichloroethene	1.8	U	1.8	0.39
10061-01-5	cis-1,3-Dichloropropene	1.8	U	1.8	0.27
110-82-7	Cyclohexane	1.8	U	1.8	0.82
75-27-4	Dichlorobromomethane	1.8	U	1.8	0.68
75-71-8	Dichlorodifluoromethane	1.8	U	1.8	0.57
100-41-4	Ethylbenzene	1.8	U	1.8	0.32
106-93-4	Ethylene Dibromide	1.8	U	1.8	0.21
98-82-8	Isopropylbenzene	1.8	U	1.8	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Grab | Lab Sample ID: 460-118140-1

Matrix: Solid | Lab File ID: D24736.D

Analysis Method: 8260C | Date Collected: 08/03/2016 07:30

Sample wt/vol: 2.98(g) | Date Analyzed: 08/05/2016 09:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 5.7 | Level: (low/med) Low

Analysis Batch No.: 383136 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	8.9	U	8.9	1.6
1634-04-4	Methyl tert-butyl ether	1.8	U	1.8	0.30
108-87-2	Methylcyclohexane	1.8	U	1.8	0.89
75-09-2	Methylene Chloride	1.8	U	1.8	0.57
179601-23-1	m-Xylene & p-Xylene	1.8	U	1.8	0.20
95-47-6	o-Xylene	1.8	U	1.8	0.28
100-42-5	Styrene	1.8	U	1.8	0.27
127-18-4	Tetrachloroethene	1.8	U	1.8	0.50
108-88-3	Toluene	1.8	U	1.8	0.34
156-60-5	trans-1,2-Dichloroethene	1.8	U	1.8	0.69
10061-02-6	trans-1,3-Dichloropropene	1.8	U	1.8	0.18
79-01-6	Trichloroethene	1.8	U	1.8	0.46
75-69-4	Trichlorofluoromethane	1.8	U	1.8	0.61
75-01-4	Vinyl chloride	1.8	U	1.8	0.69
107-06-2	1,2-Dichloroethane	1.8	U	1.8	0.20
95-50-1	1,2-Dichlorobenzene	1.8	U	1.8	0.25
96-12-8	1,2-Dibromo-3-Chloropropane	1.8	U	1.8	0.84

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		78-135
460-00-4	4-Bromofluorobenzene	95		67-126
1868-53-7	Dibromofluoromethane (Surr)	102		61-149
2037-26-5	Toluene-d8 (Surr)	91		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Grab | Lab Sample ID: 460-119223-1

Matrix: Solid | Lab File ID: K57342.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 3.45(g) | Date Analyzed: 08/30/2016 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.5	U	1.5	0.59
79-34-5	1,1,2,2-Tetrachloroethane	1.5	U	1.5	0.26
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.5	U	1.5	0.68
79-00-5	1,1,2-Trichloroethane	1.5	U	1.5	0.43
75-34-3	1,1-Dichloroethane	1.5	U	1.5	0.52
75-35-4	1,1-Dichloroethene	1.5	U	1.5	0.63
87-61-6	1,2,3-Trichlorobenzene	1.5	U	1.5	0.17
120-82-1	1,2,4-Trichlorobenzene	1.5	U	1.5	0.49
78-87-5	1,2-Dichloropropane	1.5	U	1.5	0.26
541-73-1	1,3-Dichlorobenzene	1.5	U	1.5	0.18
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	0.20
123-91-1	1,4-Dioxane	31	U	31	9.8
78-93-3	2-Butanone (MEK)	7.7	U	7.7	1.2
591-78-6	2-Hexanone	7.7	U	7.7	1.4
108-10-1	4-Methyl-2-pentanone (MIBK)	7.7	U	7.7	3.4
67-64-1	Acetone	7.7	U	7.7	1.6
71-43-2	Benzene	1.5	U	1.5	0.31
75-25-2	Bromoform	1.5	~~U~~ UJ	1.5	0.20
74-83-9	Bromomethane	1.5	~~U~~ U	1.5	0.49
75-15-0	Carbon disulfide	1.5	U	1.5	0.66
56-23-5	Carbon tetrachloride	1.5	U	1.5	0.66
108-90-7	Chlorobenzene	1.5	U	1.5	0.22
74-97-5	Chlorobromomethane	1.5	U	1.5	0.26
124-48-1	Chlorodibromomethane	1.5	~~U~~ UJ	1.5	0.23
75-00-3	Chloroethane	1.5	U	1.5	0.54
67-66-3	Chloroform	1.5	U	1.5	0.32
74-87-3	Chloromethane	1.5	U	1.5	0.59
156-59-2	cis-1,2-Dichloroethene	1.5	U	1.5	0.34
10061-01-5	cis-1,3-Dichloropropene	1.5	U	1.5	0.23
110-82-7	Cyclohexane	1.5	U	1.5	0.71
75-27-4	Dichlorobromomethane	1.5	U	1.5	0.59
75-71-8	Dichlorodifluoromethane	1.5	U	1.5	0.49
100-41-4	Ethylbenzene	1.5	U	1.5	0.28
106-93-4	Ethylene Dibromide	1.5	U	1.5	0.18
98-82-8	Isopropylbenzene	1.5	U	1.5	0.26

9/19/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Grab | Lab Sample ID: 460-119223-1

Matrix: Solid | Lab File ID: K57342.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 3.45(g) | Date Analyzed: 08/30/2016 14:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 6.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	7.7	U	7.7	1.4
1634-04-4	Methyl tert-butyl ether	1.5	U	1.5	0.26
108-87-2	Methylcyclohexane	1.5	U	1.5	0.77
75-09-2	Methylene Chloride	1.5	U	1.5	0.49
179601-23-1	m-Xylene & p-Xylene	1.5	U	1.5	0.17
95-47-6	o-Xylene	1.5	U	1.5	0.25
100-42-5	Styrene	1.5	U	1.5	0.23
127-18-4	Tetrachloroethene	1.5	U	1.5	0.43
108-88-3	Toluene	1.5	U	1.5	0.29
156-60-5	trans-1,2-Dichloroethene	1.5	U	1.5	0.60
10061-02-6	trans-1,3-Dichloropropene	1.5	U	1.5	0.15
79-01-6	Trichloroethene	1.5	U	1.5	0.40
75-69-4	Trichlorofluoromethane	1.5	U	1.5	0.52
75-01-4	Vinyl chloride	1.5	U	1.5	0.60
107-06-2	1,2-Dichloroethane	1.5	U	1.5	0.17
95-50-1	1,2-Dichlorobenzene	1.5	U	1.5	0.22
96-12-8	1,2-Dibromo-3-Chloropropane	1.5	U	1.5	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		78-135
460-00-4	4-Bromofluorobenzene	110		67-126
1868-53-7	Dibromofluoromethane (Surr)	116		61-149
2037-26-5	Toluene-d8 (Surr)	100		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Grab | Lab Sample ID: 460-119223-3

Matrix: Solid | Lab File ID: K57343.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 3.67(g) | Date Analyzed: 08/30/2016 14:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.4	U	1.4	0.53
79-34-5	1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.24
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.4	U	1.4	0.62
79-00-5	1,1,2-Trichloroethane	1.4	U	1.4	0.39
75-34-3	1,1-Dichloroethane	1.4	U	1.4	0.48
75-35-4	1,1-Dichloroethene	1.4	U	1.4	0.58
87-61-6	1,2,3-Trichlorobenzene	1.4	~~U~~ UJ	1.4	0.15
120-82-1	1,2,4-Trichlorobenzene	1.4	~~U~~ UJ	1.4	0.45
78-87-5	1,2-Dichloropropane	1.4	U	1.4	0.24
541-73-1	1,3-Dichlorobenzene	1.4	~~U~~ UJ	1.4	0.17
106-46-7	1,4-Dichlorobenzene	1.4	~~U~~ UJ	1.4	0.18
123-91-1	1,4-Dioxane	28	U	28	9.0
78-93-3	2-Butanone (MEK)	7.0	U	7.0	1.1
591-78-6	2-Hexanone	7.0	U	7.0	1.3
108-10-1	4-Methyl-2-pentanone (MIBK)	7.0	U	7.0	3.1
67-64-1	Acetone	7.0	U	7.0	1.5
71-43-2	Benzene	1.4	U	1.4	0.28
75-25-2	Bromoform	1.4	~~U *~~ UJ	1.4	0.18
74-83-9	Bromomethane	1.4	~~U *~~ U	1.4	0.45
75-15-0	Carbon disulfide	1.4	U	1.4	0.60
56-23-5	Carbon tetrachloride	1.4	U	1.4	0.60
108-90-7	Chlorobenzene	1.4	U	1.4	0.20
74-97-5	Chlorobromomethane	1.4	U	1.4	0.24
124-48-1	Chlorodibromomethane	1.4	~~U~~ UJ	1.4	0.21
75-00-3	Chloroethane	1.4	U	1.4	0.49
67-66-3	Chloroform	1.4	U	1.4	0.29
74-87-3	Chloromethane	1.4	U	1.4	0.53
156-59-2	cis-1,2-Dichloroethene	1.4	U	1.4	0.31
10061-01-5	cis-1,3-Dichloropropene	1.4	U	1.4	0.21
110-82-7	Cyclohexane	1.4	U	1.4	0.65
75-27-4	Dichlorobromomethane	1.4	U	1.4	0.53
75-71-8	Dichlorodifluoromethane	1.4	U	1.4	0.45
100-41-4	Ethylbenzene	1.4	U	1.4	0.25
106-93-4	Ethylene Dibromide	1.4	U	1.4	0.17
98-82-8	Isopropylbenzene	1.4	U	1.4	0.24

9/7/17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Grab | Lab Sample ID: 460-119223-3

Matrix: Solid | Lab File ID: K57343.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 3.67(g) | Date Analyzed: 08/30/2016 14:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	7.0	U	7.0	1.3
1634-04-4	Methyl tert-butyl ether	1.4	U	1.4	0.24
108-87-2	Methylcyclohexane	1.4	U	1.4	0.70
75-09-2	Methylene Chloride	1.4	U	1.4	0.45
179601-23-1	m-Xylene & p-Xylene	1.4	U	1.4	0.15
95-47-6	o-Xylene	1.4	U	1.4	0.22
100-42-5	Styrene	1.4	U	1.4	0.21
127-18-4	Tetrachloroethene	1.4	U	1.4	0.39
108-88-3	Toluene	1.4	U	1.4	0.27
156-60-5	trans-1,2-Dichloroethene	1.4	U	1.4	0.55
10061-02-6	trans-1,3-Dichloropropene	1.4	U	1.4	0.14
79-01-6	Trichloroethene	1.4	U	1.4	0.37
75-69-4	Trichlorofluoromethane	1.4	U	1.4	0.48
75-01-4	Vinyl chloride	1.4	U	1.4	0.55
107-06-2	1,2-Dichloroethane	1.4	U	1.4	0.15
95-50-1	1,2-Dichlorobenzene	1.4	U	1.4	0.20
96-12-8	1,2-Dibromo-3-Chloropropane	1.4	U	1.4	0.66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-135
460-00-4	4-Bromofluorobenzene	112		67-126
1868-53-7	Dibromofluoromethane (Surr)	119		61-149
2037-26-5	Toluene-d8 (Surr)	102		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Grab | Lab Sample ID: 460-119223-6

Matrix: Solid | Lab File ID: K57344.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 2.33(g) | Date Analyzed: 08/30/2016 14:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	2.2	U	2.2	0.84
79-34-5	1,1,2,2-Tetrachloroethane	2.2	U	2.2	0.38
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.2	U	2.2	0.97
79-00-5	1,1,2-Trichloroethane	2.2	U	2.2	0.62
75-34-3	1,1-Dichloroethane	2.2	U	2.2	0.75
75-35-4	1,1-Dichloroethene	2.2	U	2.2	0.91
87-61-6	1,2,3-Trichlorobenzene	2.2	U	2.2	0.24
120-82-1	1,2,4-Trichlorobenzene	2.2	U	2.2	0.71
78-87-5	1,2-Dichloropropane	2.2	U	2.2	0.38
541-73-1	1,3-Dichlorobenzene	2.2	U	2.2	0.27
106-46-7	1,4-Dichlorobenzene	2.2	U	2.2	0.29
123-91-1	1,4-Dioxane	44	U	44	14
78-93-3	2-Butanone (MEK)	11	U	11	1.7
591-78-6	2-Hexanone	11	U	11	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	11	U	11	4.9
67-64-1	Acetone	11	U	11	2.3
71-43-2	Benzene	2.2	U	2.2	0.44
75-25-2	Bromoform	2.2	U * UJ	2.2	0.29
74-83-9	Bromomethane	2.2	U * UJ	2.2	0.71
75-15-0	Carbon disulfide	2.2	U	2.2	0.95
56-23-5	Carbon tetrachloride	2.2	U	2.2	0.95
108-90-7	Chlorobenzene	2.2	U	2.2	0.31
74-97-5	Chlorobromomethane	2.2	U	2.2	0.38
124-48-1	Chlorodibromomethane	2.2	U UJ	2.2	0.33
75-00-3	Chloroethane	2.2	U	2.2	0.77
67-66-3	Chloroform	2.2	U	2.2	0.46
74-87-3	Chloromethane	2.2	U	2.2	0.84
156-59-2	cis-1,2-Dichloroethene	2.2	U	2.2	0.49
10061-01-5	cis-1,3-Dichloropropene	2.2	U	2.2	0.33
110-82-7	Cyclohexane	2.2	U	2.2	1.0
75-27-4	Dichlorobromomethane	2.2	U	2.2	0.84
75-71-8	Dichlorodifluoromethane	2.2	U	2.2	0.71
100-41-4	Ethylbenzene	2.2	U	2.2	0.40
106-93-4	Ethylene Dibromide	2.2	U	2.2	0.27
98-82-8	Isopropylbenzene	2.2	U	2.2	0.38

SDG 19A

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Grab | Lab Sample ID: 460-119223-6

Matrix: Solid | Lab File ID: K57344.D

Analysis Method: 8260C | Date Collected: 08/26/2016 07:30

Sample wt/vol: 2.33(g) | Date Analyzed: 08/30/2016 14:52

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 3.0 | Level: (low/med) Low

Analysis Batch No.: 387610 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
79-20-9	Methyl acetate	11	U	11	2.0
1634-04-4	Methyl tert-butyl ether	2.2	U	2.2	0.38
108-87-2	Methylcyclohexane	2.2	U	2.2	1.1
75-09-2	Methylene Chloride	2.2	U	2.2	0.71
179601-23-1	m-Xylene & p-Xylene	2.2	U	2.2	0.24
95-47-6	o-Xylene	2.2	U	2.2	0.35
100-42-5	Styrene	2.2	U	2.2	0.33
127-18-4	Tetrachloroethene	2.2	U	2.2	0.62
108-88-3	Toluene	2.2	U	2.2	0.42
156-60-5	trans-1,2-Dichloroethene	2.2	U	2.2	0.86
10061-02-6	trans-1,3-Dichloropropene	2.2	U	2.2	0.22
79-01-6	Trichloroethene	2.2	U	2.2	0.58
75-69-4	Trichlorofluoromethane	2.2	U	2.2	0.75
75-01-4	Vinyl chloride	2.2	U	2.2	0.86
107-06-2	1,2-Dichloroethane	2.2	U	2.2	0.24
95-50-1	1,2-Dichlorobenzene	2.2	U	2.2	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	2.2	U	2.2	1.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		78-135
460-00-4	4-Bromofluorobenzene	111		67-126
1868-53-7	Dibromofluoromethane (Surr)	116		61-149
2037-26-5	Toluene-d8 (Surr)	101		73-121

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-119223-8

Matrix: Water | Lab File ID: P16674.D

Analysis Method: 8260C | Date Collected: 08/26/2016 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2016 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 387289 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.28
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.19
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.34
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.080
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.24
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.34
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.35
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.27
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.23
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.22
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.25
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.18
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.33
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.33
123-91-1	1,4-Dioxane	50	U	50	8.7
78-93-3	2-Butanone (MEK)	5.0	U	5.0	2.2
591-78-6	2-Hexanone	5.0	U	5.0	0.72
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	0.63
67-64-1	Acetone	5.0	U	5.0	1.1
71-43-2	Benzene	1.0	U	1.0	0.090
75-25-2	Bromoform	1.0	U	1.0	0.18
74-83-9	Bromomethane	1.0	U	1.0	0.18
75-15-0	Carbon disulfide	1.0	U	1.0	0.22
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.33
108-90-7	Chlorobenzene	1.0	U	1.0	0.24
74-97-5	Chlorobromomethane	1.0	U	1.0	0.30
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.22
75-00-3	Chloroethane	1.0	U	1.0	0.37
67-66-3	Chloroform	1.0	U	1.0	0.22
74-87-3	Chloromethane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.26
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.16
110-82-7	Cyclohexane	1.0	U	1.0	0.26
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.15
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 460-119223-8

Matrix: Water | Lab File ID: P16674.D

Analysis Method: 8260C | Date Collected: 08/26/2016 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 08/28/2016 23:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 387289 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	1.0	U	1.0	0.30
106-93-4	Ethylene Dibromide	1.0	U	1.0	0.19
98-82-8	Isopropylbenzene	1.0	U	1.0	0.32
79-20-9	Methyl acetate	5.0	U	5.0	0.58
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.13
108-87-2	Methylcyclohexane	1.0	U	1.0	0.22
75-09-2	Methylene Chloride	1.0	U	1.0	0.21
179601-23-1	m-Xylene & p-Xylene	1.0	U	1.0	0.28
95-47-6	o-Xylene	1.0	U	1.0	0.32
100-42-5	Styrene	1.0	U	1.0	0.17
127-18-4	Tetrachloroethene	1.0	U	1.0	0.12
108-88-3	Toluene	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.18
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.19
79-01-6	Trichloroethene	1.0	U	1.0	0.22
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.15
75-01-4	Vinyl chloride	1.0	U	1.0	0.060

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		74-132
460-00-4	4-Bromofluorobenzene	103		77-124
1868-53-7	Dibromofluoromethane (Surr)	100		72-131
2037-26-5	Toluene-d8 (Surr)	97		80-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 C | Lab Sample ID: 460-113778-2

Matrix: Solid | Lab File ID: L133564.D

Analysis Method: 8270D | Date Collected: 05/13/2016 11:20

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0215(g) | Date Analyzed: 05/18/2016 08:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368594 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	64	J	350	30
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	26
108-60-1	2,2'-oxybis[1-chloropropane]	350	~~U~~ UJ	350	15
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	33
95-95-4	2,4,5-Trichlorophenol	350	U	350	35
88-06-2	2,4,6-Trichlorophenol	140	U	140	10
120-83-2	2,4-Dichlorophenol	140	U	140	8.4
105-67-9	2,4-Dimethylphenol	350	U	350	78
51-28-5	2,4-Dinitrophenol	290	~~U~~ R	290	270
121-14-2	2,4-Dinitrotoluene	72	~~U~~ UJ	72	14
606-20-2	2,6-Dinitrotoluene	72	U	72	19
91-58-7	2-Chloronaphthalene	350	U	350	8.0
95-57-8	2-Chlorophenol	350	U	350	9.0
91-57-6	2-Methylnaphthalene	240	J	350	7.8
95-48-7	2-Methylphenol	350	U	350	15
88-74-4	2-Nitroaniline	350	U	350	12
88-75-5	2-Nitrophenol	350	U	350	12
91-94-1	3,3'-Dichlorobenzidine	140	U	140	40
99-09-2	3-Nitroaniline	350	U	350	11
534-52-1	4,6-Dinitro-2-methylphenol	290	~~U~~ UJ	290	95
101-55-3	4-Bromophenyl phenyl ether	350	U	350	11
59-50-7	4-Chloro-3-methylphenol	350	U	350	15
106-47-8	4-Chloroaniline	350	U	350	9.1
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	11
106-44-5	4-Methylphenol	12	J	350	9.7
100-01-6	4-Nitroaniline	350	U	350	13
100-02-7	4-Nitrophenol	720	U	720	170
83-32-9	Acenaphthene	260	J	350	8.6
208-96-8	Acenaphthylene	94	J	350	9.1
98-86-2	Acetophenone	32	J	350	7.7
120-12-7	Anthracene	550		350	34
1912-24-9	Atrazine	140	U	140	16
100-52-7	Benzaldehyde	32	J	350	27
56-55-3	Benzo[a]anthracene	1400		35	30

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 C | Lab Sample ID: 460-113778-2

Matrix: Solid | Lab File ID: L133564.D

Analysis Method: 8270D | Date Collected: 05/13/2016 11:20

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0215(g) | Date Analyzed: 05/18/2016 08:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368594 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1400		35	11
205-99-2	Benzo[b]fluoranthene	2200		35	14
191-24-2	Benzo[g,h,i]perylene	350		350	20
207-08-9	Benzo[k]fluoranthene	800		35	15
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	11
111-44-4	Bis(2-chloroethyl)ether	35	U	35	8.4
117-81-7	Bis(2-ethylhexyl) phthalate	90	J	350	14
85-68-7	Butyl benzyl phthalate	350	U	350	11
105-60-2	Caprolactam	350	U	350	26
86-74-8	Carbazole	220	J	350	8.8
218-01-9	Chrysene	1600		350	9.7
53-70-3	Dibenz(a,h)anthracene	130		35	18
132-64-9	Dibenzofuran	260	J	350	11
84-66-2	Diethyl phthalate	350	U	350	10
131-11-3	Dimethyl phthalate	350	U	350	10
84-74-2	Di-n-butyl phthalate	29	J	350	11
117-84-0	Di-n-octyl phthalate	350	U	350	18
206-44-0	Fluoranthene	3400		350	11
86-73-7	Fluorene	300	J	350	7.7
118-74-1	Hexachlorobenzene	35	~~U~~ UJ	35	14
87-68-3	Hexachlorobutadiene	72	U	72	10
77-47-4	Hexachlorocyclopentadiene	350	U	350	22
67-72-1	Hexachloroethane	35	U	35	13
193-39-5	Indeno[1,2,3-cd]pyrene	510		35	24
78-59-1	Isophorone	20	J	140	7.6
91-20-3	Naphthalene	360		350	9.0
98-95-3	Nitrobenzene	35	U	35	11
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	12
86-30-6	N-Nitrosodiphenylamine	350	U	350	32
87-86-5	Pentachlorophenol	290	~~U~~ UJ	290	43
85-01-8	Phenanthrene	1900		350	9.4
108-95-2	Phenol	350	U	350	12
129-00-0	Pyrene	1800		350	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 C | Lab Sample ID: 460-113778-4

Matrix: Solid | Lab File ID: L133607.D

Analysis Method: 8270D | Date Collected: 05/13/2016 11:00

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0218(g) | Date Analyzed: 05/19/2016 14:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	1800	U	1800	150
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	130
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U UJ	1800	74
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	170
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	180
88-06-2	2,4,6-Trichlorophenol	720	U	720	51
120-83-2	2,4-Dichlorophenol	720	U	720	42
105-67-9	2,4-Dimethylphenol	1800	U	1800	400
51-28-5	2,4-Dinitrophenol	1400	U	1400	1400
121-14-2	2,4-Dinitrotoluene	360	U	360	71
606-20-2	2,6-Dinitrotoluene	360	U	360	96
91-58-7	2-Chloronaphthalene	1800	U	1800	41
95-57-8	2-Chlorophenol	1800	U	1800	46
91-57-6	2-Methylnaphthalene	280	J	1800	40
95-48-7	2-Methylphenol	1800	U	1800	78
88-74-4	2-Nitroaniline	1800	U	1800	59
88-75-5	2-Nitrophenol	1800	U	1800	60
91-94-1	3,3'-Dichlorobenzidine	720	U	720	200
99-09-2	3-Nitroaniline	1800	U	1800	53
534-52-1	4,6-Dinitro-2-methylphenol	1400	U	1400	480
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	57
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	77
106-47-8	4-Chloroaniline	1800	U	1800	46
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	54
106-44-5	4-Methylphenol	1800	U	1800	49
100-01-6	4-Nitroaniline	1800	U	1800	68
100-02-7	4-Nitrophenol	3600	U	3600	870
83-32-9	Acenaphthene	1300	J	1800	44
208-96-8	Acenaphthylene	280	J	1800	46
98-86-2	Acetophenone	1800	U	1800	39
120-12-7	Anthracene	2900		1800	170
1912-24-9	Atrazine	720	U	720	80
100-52-7	Benzaldehyde	1800	U	1800	140
56-55-3	Benzo[a]anthracene	7200		180	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 C | Lab Sample ID: 460-113778-4

Matrix: Solid | Lab File ID: L133607.D

Analysis Method: 8270D | Date Collected: 05/13/2016 11:00

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0218(g) | Date Analyzed: 05/19/2016 14:30

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	6800		180	54
205-99-2	Benzo[b]fluoranthene	10000		180	70
191-24-2	Benzo[g,h,i]perylene	2000		1800	100
207-08-9	Benzo[k]fluoranthene	3800		180	78
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	56
111-44-4	Bis(2-chloroethyl)ether	180	U	180	42
117-81-7	Bis(2-ethylhexyl) phthalate	1800	U	1800	70
85-68-7	Butyl benzyl phthalate	1800	U	1800	56
105-60-2	Caprolactam	1800	U	1800	130
86-74-8	Carbazole	1600	J	1800	45
218-01-9	Chrysene	7700		1800	49
53-70-3	Dibenz(a,h)anthracene	820		180	94
132-64-9	Dibenzofuran	830	J	1800	54
84-66-2	Diethyl phthalate	1800	U	1800	51
131-11-3	Dimethyl phthalate	1800	U	1800	52
84-74-2	Di-n-butyl phthalate	1800	U	1800	54
117-84-0	Di-n-octyl phthalate	1800	U	1800	91
206-44-0	Fluoranthene	22000		1800	53
86-73-7	Fluorene	1600	J	1800	39
118-74-1	Hexachlorobenzene	180	~~U~~ UJ	180	73
87-68-3	Hexachlorobutadiene	360	~~U~~ UJ	360	51
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	110
67-72-1	Hexachloroethane	180	U	180	66
193-39-5	Indeno[1,2,3-cd]pyrene	2900	J	180	120
78-59-1	Isophorone	720	U	720	39
91-20-3	Naphthalene	340	J	1800	46
98-95-3	Nitrobenzene	180	U	180	57
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	60
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	160
87-86-5	Pentachlorophenol	1400	U	1400	220
85-01-8	Phenanthrene	9800		1800	48
108-95-2	Phenol	1800	U	1800	59
129-00-0	Pyrene	9600		1800	82

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 C | Lab Sample ID: 460-113778-6

Matrix: Solid | Lab File ID: L133605.D

Analysis Method: 8270D | Date Collected: 05/13/2016 10:50

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0217(g) | Date Analyzed: 05/19/2016 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	150	~~U~~ J-	740	63
95-94-3	1,2,4,5-Tetrachlorobenzene	740	U	740	55
108-60-1	2,2'-oxybis[1-chloropropane]	740	~~U~~ UJ	740	30
58-90-2	2,3,4,6-Tetrachlorophenol	740	U	740	70
95-95-4	2,4,5-Trichlorophenol	740	U	740	74
88-06-2	2,4,6-Trichlorophenol	300	U	300	21
120-83-2	2,4-Dichlorophenol	300	U	300	17
105-67-9	2,4-Dimethylphenol	740	U	740	160
51-28-5	2,4-Dinitrophenol	600	U	600	560
121-14-2	2,4-Dinitrotoluene	150	U	150	29
606-20-2	2,6-Dinitrotoluene	150	U	150	39
91-58-7	2-Chloronaphthalene	740	U	740	17
95-57-8	2-Chlorophenol	740	U	740	19
91-57-6	2-Methylnaphthalene	570	~~J~~ J-	740	16
95-48-7	2-Methylphenol	740	~~U~~ UJ	740	32
88-74-4	2-Nitroaniline	740	U	740	24
88-75-5	2-Nitrophenol	740	U	740	25
91-94-1	3,3'-Dichlorobenzidine	300	U	300	83
99-09-2	3-Nitroaniline	740	U	740	22
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	200
101-55-3	4-Bromophenyl phenyl ether	740	U	740	23
59-50-7	4-Chloro-3-methylphenol	740	U	740	32
106-47-8	4-Chloroaniline	740	U	740	19
7005-72-3	4-Chlorophenyl phenyl ether	740	U	740	22
106-44-5	4-Methylphenol	740	~~U~~ UJ	740	20
100-01-6	4-Nitroaniline	740	U	740	28
100-02-7	4-Nitrophenol	1500	U	1500	360
83-32-9	Acenaphthene	630	J	740	18
208-96-8	Acenaphthylene	150	J	740	19
98-86-2	Acetophenone	27	J	740	16
120-12-7	Anthracene	1100		740	70
1912-24-9	Atrazine	300	U	300	33
100-52-7	Benzaldehyde	740	U	740	56
56-55-3	Benzo[a]anthracene	3600		74	62

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 C | Lab Sample ID: 460-113778-6

Matrix: Solid | Lab File ID: L133605.D

Analysis Method: 8270D | Date Collected: 05/13/2016 10:50

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0217(g) | Date Analyzed: 05/19/2016 13:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3400		74	22
205-99-2	Benzo[b]fluoranthene	4900		74	29
191-24-2	Benzo[g,h,i]perylene	1400		740	43
207-08-9	Benzo[k]fluoranthene	2200		74	32
111-91-1	Bis(2-chloroethoxy)methane	740	U	740	23
111-44-4	Bis(2-chloroethyl)ether	74	U	74	17
117-81-7	Bis(2-ethylhexyl) phthalate	740	U	740	29
85-68-7	Butyl benzyl phthalate	740	U	740	23
105-60-2	Caprolactam	740	U	740	53
86-74-8	Carbazole	560	J	740	18
218-01-9	Chrysene	4100		740	20
53-70-3	Dibenz(a,h)anthracene	440		74	39
132-64-9	Dibenzofuran	530	J	740	22
84-66-2	Diethyl phthalate	740	U	740	21
131-11-3	Dimethyl phthalate	740	U	740	21
84-74-2	Di-n-butyl phthalate	740	U	740	22
117-84-0	Di-n-octyl phthalate	740	U	740	38
206-44-0	Fluoranthene	8400		740	22
86-73-7	Fluorene	550	J	740	16
118-74-1	Hexachlorobenzene	74	~~U~~ UJ	74	30
87-68-3	Hexachlorobutadiene	150	~~U~~ UJ	150	21
77-47-4	Hexachlorocyclopentadiene	740	U	740	46
67-72-1	Hexachloroethane	74	U	74	27
193-39-5	Indeno[1,2,3-cd]pyrene	1700	J	74	49
78-59-1	Isophorone	300	~~U~~ UJ	300	16
91-20-3	Naphthalene	1300	J	740	19
98-95-3	Nitrobenzene	74	U	74	23
621-64-7	N-Nitrosodi-n-propylamine	74	U	74	25
86-30-6	N-Nitrosodiphenylamine	740	U	740	67
87-86-5	Pentachlorophenol	600	U	600	90
85-01-8	Phenanthrene	4200		740	20
108-95-2	Phenol	740	~~U~~ UJ	740	24
129-00-0	Pyrene	4300		740	34

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-C DL | Lab Sample ID: 460-113778-9 DL

Matrix: Solid | Lab File ID: L133606.D

Analysis Method: 8270D | Date Collected: 05/13/2016 10:50

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0241(g) | Date Analyzed: 05/19/2016 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	680	J	3700	310
95-94-3	1,2,4,5-Tetrachlorobenzene	3700	U	3700	270
108-60-1	2,2'-oxybis[1-chloropropane]	3700	~~U~~ UJ	3700	150
58-90-2	2,3,4,6-Tetrachlorophenol	3700	U	3700	350
95-95-4	2,4,5-Trichlorophenol	3700	U	3700	370
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	100
120-83-2	2,4-Dichlorophenol	1500	U	1500	87
105-67-9	2,4-Dimethylphenol	3700	U	3700	810
51-28-5	2,4-Dinitrophenol	3000	U	3000	2800
121-14-2	2,4-Dinitrotoluene	750	U	750	150
606-20-2	2,6-Dinitrotoluene	750	U	750	200
91-58-7	2-Chloronaphthalene	3700	U	3700	83
95-57-8	2-Chlorophenol	3700	U	3700	94
91-57-6	2-Methylnaphthalene	6300		3700	81
95-48-7	2-Methylphenol	1300	J	3700	160
88-74-4	2-Nitroaniline	3700	U	3700	120
88-75-5	2-Nitrophenol	3700	U	3700	120
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	410
99-09-2	3-Nitroaniline	3700	U	3700	110
534-52-1	4,6-Dinitro-2-methylphenol	3000	U	3000	980
101-55-3	4-Bromophenyl phenyl ether	3700	U	3700	120
59-50-7	4-Chloro-3-methylphenol	3700	U	3700	160
106-47-8	4-Chloroaniline	3700	U	3700	95
7005-72-3	4-Chlorophenyl phenyl ether	3700	U	3700	110
106-44-5	4-Methylphenol	2200	J	3700	100
100-01-6	4-Nitroaniline	3700	U	3700	140
100-02-7	4-Nitrophenol	7500	U	7500	1800
83-32-9	Acenaphthene	670	J	3700	89
208-96-8	Acenaphthylene	3700	U	3700	95
98-86-2	Acetophenone	3700	U	3700	80
120-12-7	Anthracene	470	~~J~~ J-	3700	350
1912-24-9	Atrazine	1500	U	1500	160
100-52-7	Benzaldehyde	3700	U	3700	280
56-55-3	Benzo[a]anthracene	860	J-	370	310

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-C DL | Lab Sample ID: 460-113778-9 DL

Matrix: Solid | Lab File ID: L133606.D

Analysis Method: 8270D | Date Collected: 05/13/2016 10:50

Extract. Method: 3546 | Date Extracted: 05/17/2016 12:43

Sample wt/vol: 15.0241(g) | Date Analyzed: 05/19/2016 14:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368809 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1100	~~U~~ J-	370	110
205-99-2	Benzo[b]fluoranthene	3300		370	140
191-24-2	Benzo[g,h,i]perylene	740	J	3700	210
207-08-9	Benzo[k]fluoranthene	1200		370	160
111-91-1	Bis(2-chloroethoxy)methane	3700	U	3700	110
111-44-4	Bis(2-chloroethyl)ether	370	U	370	87
117-81-7	Bis(2-ethylhexyl) phthalate	3700	U	3700	140
85-68-7	Butyl benzyl phthalate	3700	U	3700	110
105-60-2	Caprolactam	3700	U	3700	260
86-74-8	Carbazole	3700	U	3700	91
218-01-9	Chrysene	1200	~~U~~ J-	3700	100
53-70-3	Dibenz(a,h)anthracene	370	U	370	190
132-64-9	Dibenzofuran	500	J	3700	110
84-66-2	Diethyl phthalate	3700	U	3700	100
131-11-3	Dimethyl phthalate	3700	U	3700	110
84-74-2	Di-n-butyl phthalate	3700	U	3700	110
117-84-0	Di-n-octyl phthalate	3700	U	3700	190
206-44-0	Fluoranthene	2800	~~U~~ J-	3700	110
86-73-7	Fluorene	890	J	3700	80
118-74-1	Hexachlorobenzene	370	~~U~~ UJ	370	150
87-68-3	Hexachlorobutadiene	750	~~U~~ UJ	750	100
77-47-4	Hexachlorocyclopentadiene	3700	U	3700	230
67-72-1	Hexachloroethane	370	U	370	130
193-39-5	Indeno[1,2,3-cd]pyrene	1100	J	370	240
78-59-1	Isophorone	22000		1500	79
91-20-3	Naphthalene	8400		3700	94
98-95-3	Nitrobenzene	370	U	370	120
621-64-7	N-Nitrosodi-n-propylamine	370	U	370	120
86-30-6	N-Nitrosodiphenylamine	3700	U	3700	330
87-86-5	Pentachlorophenol	3000	U	3000	450
85-01-8	Phenanthrene	2300	J	3700	98
108-95-2	Phenol	2800	J	3700	120
129-00-0	Pyrene	950	~~U~~ J-	3700	170

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Composite | Lab Sample ID: 460-115613-2

Matrix: Solid | Lab File ID: x15291.D

Analysis Method: 8270D | Date Collected: 06/17/2016 08:30

Extract. Method: 3546 | Date Extracted: 06/20/2016 13:32

Sample wt/vol: 15.0225(g) | Date Analyzed: 06/22/2016 18:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	66	J	700	60
95-94-3	1,2,4,5-Tetrachlorobenzene	700	U	700	52
108-60-1	2,2'-oxybis[1-chloropropane]	700	U	700	29
58-90-2	2,3,4,6-Tetrachlorophenol	700	U	700	66
95-95-4	2,4,5-Trichlorophenol	700	U	700	70
88-06-2	2,4,6-Trichlorophenol	280	U	280	20
120-83-2	2,4-Dichlorophenol	280	U	280	17
105-67-9	2,4-Dimethylphenol	700	U	700	160
51-28-5	2,4-Dinitrophenol	570	~~U~~ R	570	530
121-14-2	2,4-Dinitrotoluene	140	U	140	28
606-20-2	2,6-Dinitrotoluene	140	U	140	38
91-58-7	2-Chloronaphthalene	700	U	700	16
95-57-8	2-Chlorophenol	700	U	700	18
91-57-6	2-Methylnaphthalene	380	J	700	16
95-48-7	2-Methylphenol	700	U	700	31
88-74-4	2-Nitroaniline	700	U	700	23
88-75-5	2-Nitrophenol	700	U	700	24
91-94-1	3,3'-Dichlorobenzidine	280	U	280	79
99-09-2	3-Nitroaniline	700	U	700	21
534-52-1	4,6-Dinitro-2-methylphenol	570	~~U~~ R	570	190
101-55-3	4-Bromophenyl phenyl ether	700	U	700	22
59-50-7	4-Chloro-3-methylphenol	700	U	700	30
106-47-8	4-Chloroaniline	700	U	700	18
7005-72-3	4-Chlorophenyl phenyl ether	700	U	700	21
106-44-5	4-Methylphenol	700	U	700	19
100-01-6	4-Nitroaniline	700	U	700	27
100-02-7	4-Nitrophenol	1400	U	1400	340
83-32-9	Acenaphthene	160	J	700	17
208-96-8	Acenaphthylene	56	J	700	18
98-86-2	Acetophenone	48	J	700	15
120-12-7	Anthracene	290	J	700	67
1912-24-9	Atrazine	280	U	280	31
100-52-7	Benzaldehyde	700	U	700	54
56-55-3	Benzo[a]anthracene	750		70	59

06/24/2016

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Composite | Lab Sample ID: 460-115613-2

Matrix: Solid | Lab File ID: x15291.D

Analysis Method: 8270D | Date Collected: 06/17/2016 08:30

Extract. Method: 3546 | Date Extracted: 06/20/2016 13:32

Sample wt/vol: 15.0225(g) | Date Analyzed: 06/22/2016 18:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	740		70	21
205-99-2	Benzo[b]fluoranthene	1100		70	28
191-24-2	Benzo[g,h,i]perylene	810		700	41
207-08-9	Benzo[k]fluoranthene	390		70	31
111-91-1	Bis(2-chloroethoxy)methane	700	U	700	22
111-44-4	Bis(2-chloroethyl)ether	70	U	70	17
117-81-7	Bis(2-ethylhexyl) phthalate	700	U	700	28
85-68-7	Butyl benzyl phthalate	46	J	700	22
105-60-2	Caprolactam	700	U	700	51
86-74-8	Carbazole	110	J	700	17
218-01-9	Chrysene	880		700	19
53-70-3	Dibenz(a,h)anthracene	240		70	37
132-64-9	Dibenzofuran	210	J	700	21
84-66-2	Diethyl phthalate	700	U	700	20
131-11-3	Dimethyl phthalate	700	U	700	20
84-74-2	Di-n-butyl phthalate	700	U	700	21
117-84-0	Di-n-octyl phthalate	700	U	700	36
206-44-0	Fluoranthene	1400		700	21
86-73-7	Fluorene	170	J	700	15
118-74-1	Hexachlorobenzene	70	U	70	29
87-68-3	Hexachlorobutadiene	140	U	140	20
77-47-4	Hexachlorocyclopentadiene	700	~~U~~ R	700	44
67-72-1	Hexachloroethane	70	U	70	26
193-39-5	Indeno[1,2,3-cd]pyrene	820		70	47
78-59-1	Isophorone	280	U	280	15
91-20-3	Naphthalene	640	J	700	18
98-95-3	Nitrobenzene	70	U	70	22
621-64-7	N-Nitrosodi-n-propylamine	70	U	70	24
86-30-6	N-Nitrosodiphenylamine	700	U	700	64
87-86-5	Pentachlorophenol	570	~~U~~ UJ	570	85
85-01-8	Phenanthrene	1000		700	19
108-95-2	Phenol	700	U	700	23
129-00-0	Pyrene	1300		700	32

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Composite | Lab Sample ID: 460-115613-4

Matrix: Solid | Lab File ID: x15288.D

Analysis Method: 8270D | Date Collected: 06/17/2016 08:30

Extract. Method: 3546 | Date Extracted: 06/20/2016 13:32

Sample wt/vol: 15.0237(g) | Date Analyzed: 06/22/2016 17:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	90	J	350	30
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	26
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	15
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	33
95-95-4	2,4,5-Trichlorophenol	350	U	350	35
88-06-2	2,4,6-Trichlorophenol	140	U	140	10
120-83-2	2,4-Dichlorophenol	140	U	140	8.3
105-67-9	2,4-Dimethylphenol	350	U	350	78
51-28-5	2,4-Dinitrophenol	280	U	280	270
121-14-2	2,4-Dinitrotoluene	71	U	71	14
606-20-2	2,6-Dinitrotoluene	71	U	71	19
91-58-7	2-Chloronaphthalene	350	U	350	8.0
95-57-8	2-Chlorophenol	350	U	350	9.0
91-57-6	2-Methylnaphthalene	370		350	7.8
95-48-7	2-Methylphenol	350	U	350	15
88-74-4	2-Nitroaniline	350	U	350	12
88-75-5	2-Nitrophenol	350	U	350	12
91-94-1	3,3'-Dichlorobenzidine	140	U	140	39
99-09-2	3-Nitroaniline	350	U	350	10
534-52-1	4,6-Dinitro-2-methylphenol	280	U	280	94
101-55-3	4-Bromophenyl phenyl ether	350	U	350	11
59-50-7	4-Chloro-3-methylphenol	350	U	350	15
106-47-8	4-Chloroaniline	350	U	350	9.1
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	11
106-44-5	4-Methylphenol	15	J	350	9.6
100-01-6	4-Nitroaniline	350	U	350	13
100-02-7	4-Nitrophenol	710	U	710	170
83-32-9	Acenaphthene	200	J	350	8.5
208-96-8	Acenaphthylene	59	J	350	9.1
98-86-2	Acetophenone	31	J	350	7.7
120-12-7	Anthracene	360		350	34
1912-24-9	Atrazine	140	U	140	16
100-52-7	Benzaldehyde	350	U	350	27
56-55-3	Benzo[a]anthracene	780		35	29

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Composite | Lab Sample ID: 460-115613-4

Matrix: Solid | Lab File ID: x15288.D

Analysis Method: 8270D | Date Collected: 06/17/2016 08:30

Extract. Method: 3546 | Date Extracted: 06/20/2016 13:32

Sample wt/vol: 15.0237(g) | Date Analyzed: 06/22/2016 17:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375277 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	760		35	11
205-99-2	Benzo[b]fluoranthene	1100		35	14
191-24-2	Benzo[g,h,i]perylene	720		350	20
207-08-9	Benzo[k]fluoranthene	410		35	15
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	11
111-44-4	Bis(2-chloroethyl)ether	35	U	35	8.3
117-81-7	Bis(2-ethylhexyl) phthalate	65	J	350	14
85-68-7	Butyl benzyl phthalate	23	J	350	11
105-60-2	Caprolactam	350	U	350	25
86-74-8	Carbazole	130	J	350	8.8
218-01-9	Chrysene	970		350	9.6
53-70-3	Dibenz(a,h)anthracene	220		35	18
132-64-9	Dibenzofuran	280	J	350	11
84-66-2	Diethyl phthalate	350	U	350	10
131-11-3	Dimethyl phthalate	350	U	350	10
84-74-2	Di-n-butyl phthalate	350	U	350	11
117-84-0	Di-n-octyl phthalate	350	U	350	18
206-44-0	Fluoranthene	1700		350	10
86-73-7	Fluorene	220	J	350	7.7
118-74-1	Hexachlorobenzene	35	U	35	14
87-68-3	Hexachlorobutadiene	71	U	71	9.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	22
67-72-1	Hexachloroethane	35	U	35	13
193-39-5	Indeno[1,2,3-cd]pyrene	830		35	23
78-59-1	Isophorone	140	U	140	7.6
91-20-3	Naphthalene	720		350	9.0
98-95-3	Nitrobenzene	35	U	35	11
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	12
86-30-6	N-Nitrosodiphenylamine	350	U	350	32
87-86-5	Pentachlorophenol	280	U	280	43
85-01-8	Phenanthrene	1200		350	9.4
108-95-2	Phenol	350	U	350	12
129-00-0	Pyrene	1400		350	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Composite DL | Lab Sample ID: 460-118140-2 DL

Matrix: Solid | Lab File ID: x16990.D

Analysis Method: 8270D | Date Collected: 08/03/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/07/2016 11:44

Sample wt/vol: 15.0220(g) | Date Analyzed: 08/08/2016 16:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383543 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	18000	U	18000	1600
95-94-3	1,2,4,5-Tetrachlorobenzene	18000	U	18000	1400
108-60-1	2,2'-oxybis[1-chloropropane]	18000	U	18000	760
58-90-2	2,3,4,6-Tetrachlorophenol	18000	U	18000	1700
95-95-4	2,4,5-Trichlorophenol	18000	U	18000	1800
88-06-2	2,4,6-Trichlorophenol	7400	U	7400	520
120-83-2	2,4-Dichlorophenol	7400	U	7400	430
105-67-9	2,4-Dimethylphenol	18000	U	18000	4000
51-28-5	2,4-Dinitrophenol	15000	U	15000	14000
121-14-2	2,4-Dinitrotoluene	3700	U	3700	730
606-20-2	2,6-Dinitrotoluene	3700	U	3700	980
91-58-7	2-Chloronaphthalene	18000	U	18000	420
95-57-8	2-Chlorophenol	18000	U	18000	470
91-57-6	2-Methylnaphthalene	450	J	18000	410
95-48-7	2-Methylphenol	18000	U	18000	800
88-74-4	2-Nitroaniline	18000	U	18000	610
88-75-5	2-Nitrophenol	18000	U	18000	620
91-94-1	3,3'-Dichlorobenzidine	7400	U	7400	2100
99-09-2	3-Nitroaniline	18000	U	18000	550
534-52-1	4,6-Dinitro-2-methylphenol	15000	U	15000	4900
101-55-3	4-Bromophenyl phenyl ether	18000	U	18000	580
59-50-7	4-Chloro-3-methylphenol	18000	U	18000	790
106-47-8	4-Chloroaniline	18000	U	18000	470
7005-72-3	4-Chlorophenyl phenyl ether	18000	U	18000	550
106-44-5	4-Methylphenol	18000	U	18000	500
100-01-6	4-Nitroaniline	18000	U	18000	700
100-02-7	4-Nitrophenol	37000	U	37000	8900
83-32-9	Acenaphthene	1400	J	18000	450
208-96-8	Acenaphthylene	18000	U	18000	470
98-86-2	Acetophenone	18000	U	18000	400
120-12-7	Anthracene	2300	J	18000	1700
1912-24-9	Atrazine	7400	U	7400	820
100-52-7	Benzaldehyde	18000	U	18000	1400
56-55-3	Benzo[a]anthracene	6100		1800	1500

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Composite DL | Lab Sample ID: 460-118140-2 DL

Matrix: Solid | Lab File ID: x16990.D

Analysis Method: 8270D | Date Collected: 08/03/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/07/2016 11:44

Sample wt/vol: 15.0220(g) | Date Analyzed: 08/08/2016 16:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 50

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383543 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	5000		1800	560
205-99-2	Benzo[b]fluoranthene	6200		1800	720
191-24-2	Benzo[g,h,i]perylene	4900	J	18000	1100
207-08-9	Benzo[k]fluoranthene	2000		1800	800
111-91-1	Bis(2-chloroethoxy)methane	18000	U	18000	570
111-44-4	Bis(2-chloroethyl)ether	1800	U	1800	430
117-81-7	Bis(2-ethylhexyl) phthalate	18000	U	18000	720
85-68-7	Butyl benzyl phthalate	18000	U	18000	570
105-60-2	Caprolactam	18000	U	18000	1300
86-74-8	Carbazole	1100	J	18000	460
218-01-9	Chrysene	6100	J	18000	500
53-70-3	Dibenz(a,h)anthracene	1800	U	1800	960
132-64-9	Dibenzofuran	710	J	18000	560
84-66-2	Diethyl phthalate	18000	U	18000	520
131-11-3	Dimethyl phthalate	18000	U	18000	530
84-74-2	Di-n-butyl phthalate	18000	U	18000	550
117-84-0	Di-n-octyl phthalate	18000	U	18000	940
206-44-0	Fluoranthene	14000	J	18000	550
86-73-7	Fluorene	1100	J	18000	400
118-74-1	Hexachlorobenzene	1800	U	1800	750
87-68-3	Hexachlorobutadiene	3700	U	3700	520
77-47-4	Hexachlorocyclopentadiene	18000	U	18000	1100
67-72-1	Hexachloroethane	1800	U	1800	670
193-39-5	Indeno[1,2,3-cd]pyrene	5200		1800	1200
78-59-1	Isophorone	7400	U	7400	400
91-20-3	Naphthalene	950	J	18000	470
98-95-3	Nitrobenzene	1800	U	1800	580
621-64-7	N-Nitrosodi-n-propylamine	1800	U	1800	620
86-30-6	N-Nitrosodiphenylamine	18000	U	18000	1700
87-86-5	Pentachlorophenol	15000	U	15000	2200
85-01-8	Phenanthrene	7500	J	18000	490
108-95-2	Phenol	18000	U	18000	600
129-00-0	Pyrene	13000	J	18000	840

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Composite | Lab Sample ID: 460-119223-2

Matrix: Solid | Lab File ID: L1358092.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0245(g) | Date Analyzed: 09/01/2016 03:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387960 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	71	J	350	30
95-94-3	1,2,4,5-Tetrachlorobenzene	350	~~U~~ UJ	350	26
108-60-1	2,2'-oxybis[1-chloropropane]	350	~~U~~ UJ	350	14
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	33
95-95-4	2,4,5-Trichlorophenol	350	U	350	35
88-06-2	2,4,6-Trichlorophenol	140	U	140	10
120-83-2	2,4-Dichlorophenol	140	U	140	8.3
105-67-9	2,4-Dimethylphenol	350	U	350	77
51-28-5	2,4-Dinitrophenol	280	U	280	270
121-14-2	2,4-Dinitrotoluene	71	U	71	14
606-20-2	2,6-Dinitrotoluene	71	U	71	19
91-58-7	2-Chloronaphthalene	350	U	350	8.0
95-57-8	2-Chlorophenol	350	U	350	8.9
91-57-6	2-Methylnaphthalene	270	J	350	7.8
95-48-7	2-Methylphenol	350	U	350	15
88-74-4	2-Nitroaniline	350	U	350	12
88-75-5	2-Nitrophenol	350	U	350	12
91-94-1	3,3'-Dichlorobenzidine	140	U	140	39
99-09-2	3-Nitroaniline	350	U	350	10
534-52-1	4,6-Dinitro-2-methylphenol	280	U	280	94
101-55-3	4-Bromophenyl phenyl ether	350	U	350	11
59-50-7	4-Chloro-3-methylphenol	350	U	350	15
106-47-8	4-Chloroaniline	350	U	350	9.0
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	11
106-44-5	4-Methylphenol	19	J	350	9.6
100-01-6	4-Nitroaniline	350	U	350	13
100-02-7	4-Nitrophenol	710	U	710	170
83-32-9	Acenaphthene	240	J	350	8.5
208-96-8	Acenaphthylene	200	J	350	9.0
98-86-2	Acetophenone	24	J	350	7.7
120-12-7	Anthracene	560		350	33
1912-24-9	Atrazine	140	U	140	16
100-52-7	Benzaldehyde	28	~~J~~ J	350	27
56-55-3	Benzo[a]anthracene	1500		35	29

2/9/17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Composite | Lab Sample ID: 460-119223-2

Matrix: Solid | Lab File ID: L1358092.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0245(g) | Date Analyzed: 09/01/2016 03:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387960 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	1600		35	11
205-99-2	Benzo[b]fluoranthene	2600		35	14
191-24-2	Benzo[g,h,i]perylene	660		350	20
207-08-9	Benzo[k]fluoranthene	890		35	15
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	11
111-44-4	Bis(2-chloroethyl)ether	35	U	35	8.3
117-81-7	Bis(2-ethylhexyl) phthalate	79	J	350	14
85-68-7	Butyl benzyl phthalate	350	~~U~~ UJ	350	11
105-60-2	Caprolactam	350	U	350	25
86-74-8	Carbazole	240	J	350	8.7
218-01-9	Chrysene	1700		350	9.6
53-70-3	Dibenz(a,h)anthracene	240		35	18
132-64-9	Dibenzofuran	260	J	350	11
84-66-2	Diethyl phthalate	350	U	350	10
131-11-3	Dimethyl phthalate	350	U	350	10
84-74-2	Di-n-butyl phthalate	350	U	350	11
117-84-0	Di-n-octyl phthalate	350	~~U~~ UJ	350	18
206-44-0	Fluoranthene	4200		350	10
86-73-7	Fluorene	210	J	350	7.7
118-74-1	Hexachlorobenzene	35	~~U~~ UJ	35	14
87-68-3	Hexachlorobutadiene	71	~~U~~ UJ	71	9.9
77-47-4	Hexachlorocyclopentadiene	350	~~U~~ UJ	350	22
67-72-1	Hexachloroethane	35	U	35	13
193-39-5	Indeno[1,2,3-cd]pyrene	820		35	23
78-59-1	Isophorone	18	J	140	7.6
91-20-3	Naphthalene	560		350	8.9
98-95-3	Nitrobenzene	35	U	35	11
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	12
86-30-6	N-Nitrosodiphenylamine	350	U	350	32
87-86-5	Pentachlorophenol	280	~~U~~ UJ	280	43
85-01-8	Phenanthrene	1800		350	9.4
108-95-2	Phenol	350	U	350	11
129-00-0	Pyrene	1700		350	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Composite DL | Lab Sample ID: 460-119223-4 DL

Matrix: Solid | Lab File ID: L1358077.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0236(g) | Date Analyzed: 08/31/2016 21:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387960 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	100	J	680	58
95-94-3	1,2,4,5-Tetrachlorobenzene	680	~~U~~ UJ	680	51
108-60-1	2,2'-oxybis[1-chloropropane]	680	~~U~~ UJ	680	28
58-90-2	2,3,4,6-Tetrachlorophenol	680	U	680	64
95-95-4	2,4,5-Trichlorophenol	680	U	680	68
88-06-2	2,4,6-Trichlorophenol	280	U	280	19
120-83-2	2,4-Dichlorophenol	280	U	280	16
105-67-9	2,4-Dimethylphenol	680	U	680	150
51-28-5	2,4-Dinitrophenol	550	U	550	520
121-14-2	2,4-Dinitrotoluene	140	U	140	27
606-20-2	2,6-Dinitrotoluene	140	U	140	36
91-58-7	2-Chloronaphthalene	680	U	680	16
95-57-8	2-Chlorophenol	680	U	680	17
91-57-6	2-Methylnaphthalene	420	J	680	15
95-48-7	2-Methylphenol	680	U	680	30
88-74-4	2-Nitroaniline	680	U	680	23
88-75-5	2-Nitrophenol	680	U	680	23
91-94-1	3,3'-Dichlorobenzidine	280	U	280	77
99-09-2	3-Nitroaniline	680	U	680	20
534-52-1	4,6-Dinitro-2-methylphenol	550	U	550	180
101-55-3	4-Bromophenyl phenyl ether	680	U	680	22
59-50-7	4-Chloro-3-methylphenol	680	U	680	29
106-47-8	4-Chloroaniline	680	U	680	18
7005-72-3	4-Chlorophenyl phenyl ether	680	U	680	21
106-44-5	4-Methylphenol	29	J	680	19
100-01-6	4-Nitroaniline	680	U	680	26
100-02-7	4-Nitrophenol	1400	U	1400	330
83-32-9	Acenaphthene	880		680	17
208-96-8	Acenaphthylene	190	J	680	18
98-86-2	Acetophenone	680	U	680	15
120-12-7	Anthracene	1600		680	65
1912-24-9	Atrazine	280	U	280	30
100-52-7	Benzaldehyde	680	~~U~~ UJ	680	52
56-55-3	Benzo[a]anthracene	3800		68	57

for 9/14

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Composite DL | Lab Sample ID: 460-119223-4 DL

Matrix: Solid | Lab File ID: L1358077.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0236(g) | Date Analyzed: 08/31/2016 21:26

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387960 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3400		68	21
205-99-2	Benzo[b]fluoranthene	4500		68	27
191-24-2	Benzo[g,h,i]perylene	2000		680	39
207-08-9	Benzo[k]fluoranthene	1800		68	30
111-91-1	Bis(2-chloroethoxy)methane	680	U	680	21
111-44-4	Bis(2-chloroethyl)ether	68	U	68	16
117-81-7	Bis(2-ethylhexyl) phthalate	500	J	680	27
85-68-7	Butyl benzyl phthalate	680	~~U~~ UJ	680	21
105-60-2	Caprolactam	680	U	680	49
86-74-8	Carbazole	760		680	17
218-01-9	Chrysene	4200		680	19
53-70-3	Dibenz(a,h)anthracene	670		68	36
132-64-9	Dibenzofuran	530	J	680	21
84-66-2	Diethyl phthalate	680	U	680	19
131-11-3	Dimethyl phthalate	680	U	680	20
84-74-2	Di-n-butyl phthalate	680	U	680	21
117-84-0	Di-n-octyl phthalate	680	~~U~~ UJ	680	35
206-44-0	Fluoranthene	10000		680	20
86-73-7	Fluorene	800		680	15
118-74-1	Hexachlorobenzene	68	~~U~~ UJ	68	28
87-68-3	Hexachlorobutadiene	140	~~U~~ * UJ	140	19
77-47-4	Hexachlorocyclopentadiene	680	~~U~~ * UJ	680	43
67-72-1	Hexachloroethane	68	U	68	25
193-39-5	Indeno[1,2,3-cd]pyrene	2300		68	46
78-59-1	Isophorone	28	J	280	15
91-20-3	Naphthalene	650	J	680	17
98-95-3	Nitrobenzene	68	U	68	22
621-64-7	N-Nitrosodi-n-propylamine	68	U	68	23
86-30-6	N-Nitrosodiphenylamine	680	U	680	62
87-86-5	Pentachlorophenol	550	~~U~~ UJ	550	83
85-01-8	Phenanthrene	5800		680	18
108-95-2	Phenol	680	U	680	22
129-00-0	Pyrene	4700		680	31

for 7/9/17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Composite DL | Lab Sample ID: 460-119223-5 DL

Matrix: Solid | Lab File ID: L1358122.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0236(g) | Date Analyzed: 09/01/2016 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 1.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388056 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	3400	U	3400	290
95-94-3	1,2,4,5-Tetrachlorobenzene	3400	~~U~~ UJ	3400	250
108-60-1	2,2'-oxybis[1-chloropropane]	3400	~~U~~ UJ	3400	140
58-90-2	2,3,4,6-Tetrachlorophenol	3400	U	3400	320
95-95-4	2,4,5-Trichlorophenol	3400	U	3400	330
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	95
120-83-2	2,4-Dichlorophenol	1400	U	1400	79
105-67-9	2,4-Dimethylphenol	3400	U	3400	740
51-28-5	2,4-Dinitrophenol	2700	U	2700	2500
121-14-2	2,4-Dinitrotoluene	680	U	680	130
606-20-2	2,6-Dinitrotoluene	680	U	680	180
91-58-7	2-Chloronaphthalene	3400	U	3400	76
95-57-8	2-Chlorophenol	3400	U	3400	85
91-57-6	2-Methylnaphthalene	170	~~J~~ J-	3400	74
95-48-7	2-Methylphenol	3400	U	3400	150
88-74-4	2-Nitroaniline	3400	U	3400	110
88-75-5	2-Nitrophenol	3400	U	3400	110
91-94-1	3,3'-Dichlorobenzidine	1400	U	1400	370
99-09-2	3-Nitroaniline	3400	U	3400	100
534-52-1	4,6-Dinitro-2-methylphenol	2700	U	2700	900
101-55-3	4-Bromophenyl phenyl ether	3400	U	3400	110
59-50-7	4-Chloro-3-methylphenol	3400	U	3400	140
106-47-8	4-Chloroaniline	3400	U	3400	86
7005-72-3	4-Chlorophenyl phenyl ether	3400	U	3400	100
106-44-5	4-Methylphenol	3400	U	3400	91
100-01-6	4-Nitroaniline	3400	U	3400	130
100-02-7	4-Nitrophenol	6800	U	6800	1600
83-32-9	Acenaphthene	360	~~J~~ J-	3400	81
208-96-8	Acenaphthylene	200	J	3400	86
98-86-2	Acetophenone	3400	U	3400	73
120-12-7	Anthracene	880	J	3400	320
1912-24-9	Atrazine	1400	U	1400	150
100-52-7	Benzaldehyde	3400	~~U~~ UJ	3400	260
56-55-3	Benzo[a]anthracene	3600		340	280

for 7/19/17

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Composite DL | Lab Sample ID: 460-119223-5 DL

Matrix: Solid | Lab File ID: L1358122.D

Analysis Method: 8270D | Date Collected: 08/26/2016 08:00

Extract. Method: 3546 | Date Extracted: 08/30/2016 13:16

Sample wt/vol: 15.0236(g) | Date Analyzed: 09/01/2016 15:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 1.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388056 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-32-8	Benzo[a]pyrene	3500		340	100
205-99-2	Benzo[b]fluoranthene	4300		340	130
191-24-2	Benzo[g,h,i]perylene	2400	J	3400	190
207-08-9	Benzo[k]fluoranthene	1800		340	150
111-91-1	Bis(2-chloroethoxy)methane	3400	U	3400	100
111-44-4	Bis(2-chloroethyl)ether	340	U	340	79
117-81-7	Bis(2-ethylhexyl) phthalate	300	~~J~~ J	3400	130
85-68-7	Butyl benzyl phthalate	3400	~~U~~ UJ	3400	100
105-60-2	Caprolactam	3400	U	3400	240
86-74-8	Carbazole	460	J	3400	83
218-01-9	Chrysene	3700		3400	91
53-70-3	Dibenz(a,h)anthracene	650		340	170
132-64-9	Dibenzofuran	240	~~J~~ J	3400	100
84-66-2	Diethyl phthalate	3400	U	3400	95
131-11-3	Dimethyl phthalate	3400	U	3400	97
84-74-2	Di-n-butyl phthalate	3400	U	3400	100
117-84-0	Di-n-octyl phthalate	3400	~~U~~ UJ	3400	170
206-44-0	Fluoranthene	7900		3400	100
86-73-7	Fluorene	360	~~J~~ J	3400	73
118-74-1	Hexachlorobenzene	340	~~U~~ UJ	340	140
87-68-3	Hexachlorobutadiene	680	~~U~~ UJ	680	94
77-47-4	Hexachlorocyclopentadiene	3400	~~U~~ UJ	3400	210
67-72-1	Hexachloroethane	340	U	340	120
193-39-5	Indeno[1,2,3-cd]pyrene	2600		340	220
78-59-1	Isophorone	1400	U	1400	72
91-20-3	Naphthalene	340	J	3400	85
98-95-3	Nitrobenzene	340	U	340	110
621-64-7	N-Nitrosodi-n-propylamine	340	U	340	110
86-30-6	N-Nitrosodiphenylamine	3400	U	3400	300
87-86-5	Pentachlorophenol	2700	U	2700	410
85-01-8	Phenanthrene	3300	J	3400	89
108-95-2	Phenol	3400	U	3400	110
129-00-0	Pyrene	4400		3400	150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 C | Lab Sample ID: 460-113778-2

Matrix: Solid | Lab File ID: P4194258.D

Analysis Method: 8081B | Date Collected: 05/13/2016 11:20

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0013(g) | Date Analyzed: 05/17/2016 22:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.2	U	7.2	0.95
72-55-9	4,4'-DDE	7.2	U	7.2	1.0
50-29-3	4,4'-DDT	7.2	U	7.2	0.74
309-00-2	Aldrin	7.2	U	7.2	0.87
319-84-6	alpha-BHC	2.1	U	2.1	0.66
319-85-7	beta-BHC	2.1	U	2.1	0.70
57-74-9	Chlordane (technical)	72	U	72	32
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.2	U	7.2	1.0
33213-65-9	Endosulfan II	7.2	U	7.2	1.1
1031-07-8	Endosulfan sulfate	7.2	U	7.2	0.84
72-20-8	Endrin	7.2	U	7.2	0.91
7421-93-4	Endrin aldehyde	7.2	U	7.2	0.89
53494-70-5	Endrin ketone	7.2	U	7.2	1.0
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.2	U	7.2	0.92
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.4
72-43-5	Methoxychlor	7.2	U	7.2	1.5
8001-35-2	Toxaphene	72	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		55-148
877-09-8	Tetrachloro-m-xylene	124		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 C | Lab Sample ID: 460-113778-4

Matrix: Solid | Lab File ID: P4194259.D

Analysis Method: 8081B | Date Collected: 05/13/2016 11:00

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0045(g) | Date Analyzed: 05/17/2016 22:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	0.96
72-55-9	4,4'-DDE	7.3	U	7.3	1.1
50-29-3	4,4'-DDT	7.3	U	7.3	0.75
309-00-2	Aldrin	7.3	U	7.3	0.88
319-84-6	alpha-BHC	2.2	U	2.2	0.66
319-85-7	beta-BHC	2.2	U	2.2	0.71
57-74-9	Chlordane (technical)	73	U	73	32
319-86-8	delta-BHC	2.2	U	2.2	0.80
60-57-1	Dieldrin	2.2	U	2.2	0.95
959-98-8	Endosulfan I	7.3	U	7.3	1.0
33213-65-9	Endosulfan II	7.3	U	7.3	1.1
1031-07-8	Endosulfan sulfate	7.3	U	7.3	0.85
72-20-8	Endrin	7.3	U	7.3	0.93
7421-93-4	Endrin aldehyde	7.3	U	7.3	0.90
53494-70-5	Endrin ketone	7.3	U	7.3	1.0
58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	0.65
76-44-8	Heptachlor	7.3	U	7.3	0.94
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.4
72-43-5	Methoxychlor	7.3	U	7.3	1.5
8001-35-2	Toxaphene	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		55-148
877-09-8	Tetrachloro-m-xylene	115		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 C | Lab Sample ID: 460-113778-6

Matrix: Solid | Lab File ID: P4194260.D

Analysis Method: 8081B | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0068(g) | Date Analyzed: 05/17/2016 22:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.5	U	7.5	0.99
72-55-9	4,4'-DDE	7.5	U	7.5	1.1
309-00-2	Aldrin	7.5	U	7.5	0.91
319-84-6	alpha-BHC	2.2	U	2.2	0.68
319-85-7	beta-BHC	2.2	U	2.2	0.73
57-74-9	Chlordane (technical)	75	U	75	33
319-86-8	delta-BHC	2.2	U	2.2	0.82
60-57-1	Dieldrin	2.2	U	2.2	0.97
959-98-8	Endosulfan I	7.5	U	7.5	1.0
33213-65-9	Endosulfan II	7.5	U	7.5	1.2
1031-07-8	Endosulfan sulfate	7.5	U	7.5	0.87
72-20-8	Endrin	7.5	U	7.5	0.95
7421-93-4	Endrin aldehyde	7.5	U	7.5	0.93
53494-70-5	Endrin ketone	7.5	U	7.5	1.0
58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	0.67
76-44-8	Heptachlor	7.5	U	7.5	0.96
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.5
72-43-5	Methoxychlor	7.5	U	7.5	1.6
8001-35-2	Toxaphene	75	U	75	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		55-148
877-09-8	Tetrachloro-m-xylene	118		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 C | Lab Sample ID: 460-113778-6

Matrix: Solid | Lab File ID: P4194260.D

Analysis Method: 8081B | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0068(g) | Date Analyzed: 05/17/2016 22:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	20		7.5	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		55-148
877-09-8	Tetrachloro-m-xylene	113		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-127-C | Lab Sample ID: 460-113778-7

Matrix: Solid | Lab File ID: P4194261.D

Analysis Method: 8081B | Date Collected: 05/13/2016 11:20

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0082(g) | Date Analyzed: 05/17/2016 22:40

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.3	U	7.3	0.96
72-55-9	4,4'-DDE	7.3	U	7.3	1.1
50-29-3	4,4'-DDT	7.3	U	7.3	0.76
309-00-2	Aldrin	7.3	U	7.3	0.89
319-84-6	alpha-BHC	2.2	U	2.2	0.67
319-85-7	beta-BHC	2.2	U	2.2	0.71
57-74-9	Chlordane (technical)	73	U	73	32
319-86-8	delta-BHC	2.2	U	2.2	0.80
60-57-1	Dieldrin	2.2	U	2.2	0.95
959-98-8	Endosulfan I	7.3	U	7.3	1.0
33213-65-9	Endosulfan II	7.3	U	7.3	1.2
1031-07-8	Endosulfan sulfate	7.3	U	7.3	0.86
72-20-8	Endrin	7.3	U	7.3	0.93
7421-93-4	Endrin aldehyde	7.3	U	7.3	0.91
53494-70-5	Endrin ketone	7.3	U	7.3	1.0
58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	0.66
76-44-8	Heptachlor	7.3	U	7.3	0.94
1024-57-3	Heptachlor epoxide	7.3	U	7.3	1.4
72-43-5	Methoxychlor	7.3	U	7.3	1.6
8001-35-2	Toxaphene	73	U	73	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		55-148
877-09-8	Tetrachloro-m-xylene	112		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-C | Lab Sample ID: 460-113778-9

Matrix: Solid | Lab File ID: P4194262.D

Analysis Method: 8081B | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0002(g) | Date Analyzed: 05/17/2016 22:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.5	U	7.5	0.98
72-55-9	4,4'-DDE	7.5	U	7.5	1.1
309-00-2	Aldrin	7.5	U	7.5	0.90
319-84-6	alpha-BHC	2.2	U	2.2	0.68
319-85-7	beta-BHC	2.2	U	2.2	0.72
57-74-9	Chlordane (technical)	75	U	75	33
319-86-8	delta-BHC	2.2	U	2.2	0.81
60-57-1	Dieldrin	2.2	U	2.2	0.97
959-98-8	Endosulfan I	7.5	U	7.5	1.0
33213-65-9	Endosulfan II	7.5	U	7.5	1.2
1031-07-8	Endosulfan sulfate	7.5	U	7.5	0.87
72-20-8	Endrin	7.5	U	7.5	0.95
7421-93-4	Endrin aldehyde	7.5	U	7.5	0.93
53494-70-5	Endrin ketone	7.5	U	7.5	1.0
58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	0.67
76-44-8	Heptachlor	7.5	U	7.5	0.96
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.5
72-43-5	Methoxychlor	7.5	U	7.5	1.6
8001-35-2	Toxaphene	75	U	75	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		55-148
877-09-8	Tetrachloro-m-xylene	122		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-C | Lab Sample ID: 460-113778-9

Matrix: Solid | Lab File ID: P4194262.D

Analysis Method: 8081B | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:45

Sample wt/vol: 15.0002(g) | Date Analyzed: 05/17/2016 22:53

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368516 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	8.3	J-	7.5	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		55-148
877-09-8	Tetrachloro-m-xylene	113		55-139

FORM I 8081B

05/20/2016

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Composite | Lab Sample ID: 460-115613-2

Matrix: Solid | Lab File ID: P4195336.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0098(g) | Date Analyzed: 06/21/2016 15:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	1.9	J	7.2	0.94
72-55-9	4,4'-DDE	1.9	J	7.2	1.0
309-00-2	Aldrin	7.2	U	7.2	0.86
319-84-6	alpha-BHC	2.1	U	2.1	0.65
319-85-7	beta-BHC	2.1	U	2.1	0.69
57-74-9	Chlordane (technical)	72	U	72	31
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.2	U	7.2	0.99
33213-65-9	Endosulfan II	7.2	U	7.2	1.1
1031-07-8	Endosulfan sulfate	7.2	U	7.2	0.83
72-20-8	Endrin	7.2	U	7.2	0.91
7421-93-4	Endrin aldehyde	7.2	U	7.2	0.89
53494-70-5	Endrin ketone	7.2	U	7.2	0.99
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.2	U	7.2	0.92
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.4
72-43-5	Methoxychlor	7.2	U	7.2	1.5
8001-35-2	Toxaphene	72	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		55-148
877-09-8	Tetrachloro-m-xylene	104		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Composite | Lab Sample ID: 460-115613-2

Matrix: Solid | Lab File ID: P4195336.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0098(g) | Date Analyzed: 06/21/2016 15:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	2.0	J	7.2	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		55-148
877-09-8	Tetrachloro-m-xylene	100		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Composite | Lab Sample ID: 460-115613-4

Matrix: Solid | Lab File ID: P4195337.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0115(g) | Date Analyzed: 06/21/2016 15:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.2	U	7.2	0.94
72-55-9	4,4'-DDE	7.2	U	7.2	1.0
309-00-2	Aldrin	7.2	U	7.2	0.87
319-84-6	alpha-BHC	2.1	U	2.1	0.65
319-85-7	beta-BHC	2.1	U	2.1	0.69
57-74-9	Chlordane (technical)	72	U	72	32
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.2	U	7.2	0.99
33213-65-9	Endosulfan II	7.2	U	7.2	1.1
1031-07-8	Endosulfan sulfate	7.2	U	7.2	0.83
72-20-8	Endrin	7.2	U	7.2	0.91
7421-93-4	Endrin aldehyde	7.2	U	7.2	0.89
53494-70-5	Endrin ketone	7.2	U	7.2	0.99
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.2	U	7.2	0.92
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.4
72-43-5	Methoxychlor	7.2	U	7.2	1.5
8001-35-2	Toxaphene	72	U	72	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		55-148
877-09-8	Tetrachloro-m-xylene	119		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Composite | Lab Sample ID: 460-115613-4

Matrix: Solid | Lab File ID: P4195337.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0115(g) | Date Analyzed: 06/21/2016 15:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	2.4	J	7.2	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		55-148
877-09-8	Tetrachloro-m-xylene	117		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-131-Composite | Lab Sample ID: 460-115613-5

Matrix: Solid | Lab File ID: P4195338.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0033(g) | Date Analyzed: 06/21/2016 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	3.0	J	7.1	0.94
72-55-9	4,4'-DDE	1.8	J	7.1	1.0
309-00-2	Aldrin	7.1	U	7.1	0.86
319-84-6	alpha-BHC	2.1	U	2.1	0.65
319-85-7	beta-BHC	2.1	U	2.1	0.69
57-74-9	Chlordane (technical)	71	U	71	31
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.1	U	7.1	0.99
33213-65-9	Endosulfan II	7.1	U	7.1	1.1
1031-07-8	Endosulfan sulfate	7.1	U	7.1	0.83
72-20-8	Endrin	7.1	U	7.1	0.91
7421-93-4	Endrin aldehyde	7.1	U	7.1	0.89
53494-70-5	Endrin ketone	7.1	U	7.1	0.99
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.1	U	7.1	0.92
1024-57-3	Heptachlor epoxide	7.1	U	7.1	1.4
72-43-5	Methoxychlor	7.1	U	7.1	1.5
8001-35-2	Toxaphene	71	U	71	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		55-148
877-09-8	Tetrachloro-m-xylene	109		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-131-Composite | Lab Sample ID: 460-115613-5

Matrix: Solid | Lab File ID: P4195338.D

Analysis Method: 8081B | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 02:47

Sample wt/vol: 15.0033(g) | Date Analyzed: 06/21/2016 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375037 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	2.4	~~J~~ J	7.1	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		55-148
877-09-8	Tetrachloro-m-xylene	111		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Composite | Lab Sample ID: 460-118140-2

Matrix: Solid | Lab File ID: P4196602.D

Analysis Method: 8081B | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:43

Sample wt/vol: 15.0039(g) | Date Analyzed: 08/08/2016 08:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383578 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.6		7.5	0.98
72-55-9	4,4'-DDE	3.3	J	7.5	1.1
309-00-2	Aldrin	7.5	U	7.5	0.90
319-84-6	alpha-BHC	2.2	U	2.2	0.68
319-85-7	beta-BHC	2.2	U	2.2	0.72
57-74-9	Chlordane (technical)	75	U	75	33
319-86-8	delta-BHC	2.2	U	2.2	0.81
60-57-1	Dieldrin	2.2	U	2.2	0.97
959-98-8	Endosulfan I	7.5	U	7.5	1.0
33213-65-9	Endosulfan II	7.5	U	7.5	1.2
1031-07-8	Endosulfan sulfate	7.5	U	7.5	0.87
72-20-8	Endrin	7.5	U	7.5	0.95
7421-93-4	Endrin aldehyde	7.5	U	7.5	0.93
53494-70-5	Endrin ketone	7.5	U	7.5	1.0
58-89-9	gamma-BHC (Lindane)	2.2	U	2.2	0.67
76-44-8	Heptachlor	7.5	U	7.5	0.96
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.5
72-43-5	Methoxychlor	7.5	U	7.5	1.6
8001-35-2	Toxaphene	75	U	75	22

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		55-148
877-09-8	Tetrachloro-m-xylene	108		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Composite | Lab Sample ID: 460-118140-2

Matrix: Solid | Lab File ID: P4196602.D

Analysis Method: 8081B | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:43

Sample wt/vol: 15.0039(g) | Date Analyzed: 08/08/2016 08:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383578 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	8.2		7.5	0.77

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		55-148
877-09-8	Tetrachloro-m-xylene	107		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-133-Composite | Lab Sample ID: 460-118140-3

Matrix: Solid | Lab File ID: P4196603.D

Analysis Method: 8081B | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:43

Sample wt/vol: 15.0054(g) | Date Analyzed: 08/08/2016 09:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383578 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	6.7	J	7.1	0.94
72-55-9	4,4'-DDE	3.5	J	7.1	1.0
309-00-2	Aldrin	7.1	U	7.1	0.86
319-84-6	alpha-BHC	2.1	U	2.1	0.65
319-85-7	beta-BHC	2.1	U	2.1	0.69
57-74-9	Chlordane (technical)	71	U	71	31
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.1	U	7.1	0.99
33213-65-9	Endosulfan II	7.1	U	7.1	1.1
1031-07-8	Endosulfan sulfate	7.1	U	7.1	0.83
72-20-8	Endrin	7.1	U	7.1	0.91
7421-93-4	Endrin aldehyde	7.1	U	7.1	0.89
53494-70-5	Endrin ketone	7.1	U	7.1	0.99
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.1	U	7.1	0.92
1024-57-3	Heptachlor epoxide	7.1	U	7.1	1.4
72-43-5	Methoxychlor	7.1	U	7.1	1.5
8001-35-2	Toxaphene	71	U	71	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		55-148
877-09-8	Tetrachloro-m-xylene	101		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-133-Composite | Lab Sample ID: 460-118140-3

Matrix: Solid | Lab File ID: P4196603.D

Analysis Method: 8081B | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:43

Sample wt/vol: 15.0054(g) | Date Analyzed: 08/08/2016 09:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383578 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	5.8	J	7.1	0.74

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		55-148
877-09-8	Tetrachloro-m-xylene	100		55-139

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Composite | Lab Sample ID: 460-119223-2

Matrix: Solid | Lab File ID: 5F002995.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.015(g) | Date Analyzed: 08/31/2016 19:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	5.0	J	7.1	0.94
72-55-9	4,4'-DDE	7.1	U	7.1	1.0
309-00-2	Aldrin	7.1	U	7.1	0.86
319-84-6	alpha-BHC	2.1	U	2.1	0.65
319-85-7	beta-BHC	2.1	U	2.1	0.69
57-74-9	Chlordane (technical)	71	U	71	31
319-86-8	delta-BHC	2.1	U	2.1	0.78
60-57-1	Dieldrin	2.1	U	2.1	0.93
959-98-8	Endosulfan I	7.1	U	7.1	0.99
33213-65-9	Endosulfan II	7.1	U	7.1	1.1
1031-07-8	Endosulfan sulfate	7.1	U	7.1	0.83
72-20-8	Endrin	7.1	U	7.1	0.90
7421-93-4	Endrin aldehyde	7.1	U	7.1	0.88
53494-70-5	Endrin ketone	7.1	U	7.1	0.99
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.64
76-44-8	Heptachlor	7.1	U	7.1	0.92
1024-57-3	Heptachlor epoxide	7.1	U	7.1	1.4
72-43-5	Methoxychlor	7.1	U	7.1	1.5
8001-35-2	Toxaphene	71	U	71	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		50-150
877-09-8	Tetrachloro-m-xylene	95		47-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Composite | Lab Sample ID: 460-119223-2

Matrix: Solid | Lab File ID: 5F002995.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.015(g) | Date Analyzed: 08/31/2016 19:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	9.8		7.1	0.73

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		50-150
877-09-8	Tetrachloro-m-xylene	94		47-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Composite | Lab Sample ID: 460-119223-4

Matrix: Solid | Lab File ID: 5F002996.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0010(g) | Date Analyzed: 08/31/2016 19:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	4.1	J	7.0	0.91
72-55-9	4,4'-DDE	7.0	U	7.0	1.0
309-00-2	Aldrin	7.0	U	7.0	0.84
319-84-6	alpha-BHC	2.1	U	2.1	0.63
319-85-7	beta-BHC	2.1	U	2.1	0.67
57-74-9	Chlordane (technical)	70	U	70	31
319-86-8	delta-BHC	2.1	U	2.1	0.76
60-57-1	Dieldrin	2.1	U	2.1	0.90
959-98-8	Endosulfan I	7.0	U	7.0	0.97
33213-65-9	Endosulfan II	7.0	U	7.0	1.1
1031-07-8	Endosulfan sulfate	7.0	U	7.0	0.81
72-20-8	Endrin	7.0	U	7.0	0.88
7421-93-4	Endrin aldehyde	7.0	U	7.0	0.86
53494-70-5	Endrin ketone	7.0	U	7.0	0.97
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.62
76-44-8	Heptachlor	7.0	U	7.0	0.89
1024-57-3	Heptachlor epoxide	7.0	U	7.0	1.4
72-43-5	Methoxychlor	7.0	U	7.0	1.5
8001-35-2	Toxaphene	70	U	70	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		50-150
877-09-8	Tetrachloro-m-xylene	103		47-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Composite | Lab Sample ID: 460-119223-4

Matrix: Solid | Lab File ID: 5F002996.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0010(g) | Date Analyzed: 08/31/2016 19:57

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	5.5	~~J~~ J-	7.0	0.72

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		50-150
877-09-8	Tetrachloro-m-xylene	104		47-150

7/11/17

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Composite | Lab Sample ID: 460-119223-5

Matrix: Solid | Lab File ID: 5F002997.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0033(g) | Date Analyzed: 08/31/2016 20:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	7.0		6.8	0.89
72-55-9	4,4'-DDE	2.6	J	6.8	0.99
309-00-2	Aldrin	6.8	U	6.8	0.82
319-84-6	alpha-BHC	2.0	U	2.0	0.62
319-85-7	beta-BHC	2.0	U	2.0	0.66
57-74-9	Chlordane (technical)	68	U	68	30
319-86-8	delta-BHC	2.0	U	2.0	0.74
60-57-1	Dieldrin	2.0	U	2.0	0.88
959-98-8	Endosulfan I	6.8	U	6.8	0.95
33213-65-9	Endosulfan II	6.8	U	6.8	1.1
1031-07-8	Endosulfan sulfate	6.8	U	6.8	0.79
72-20-8	Endrin	6.8	U	6.8	0.86
7421-93-4	Endrin aldehyde	6.8	U	6.8	0.84
53494-70-5	Endrin ketone	6.8	U	6.8	0.95
58-89-9	gamma-BHC (Lindane)	2.0	U	2.0	0.61
76-44-8	Heptachlor	6.8	U	6.8	0.87
1024-57-3	Heptachlor epoxide	6.8	U	6.8	1.3
72-43-5	Methoxychlor	6.8	U	6.8	1.4
8001-35-2	Toxaphene	68	U	68	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		50-150
877-09-8	Tetrachloro-m-xylene	107		47-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Composite | Lab Sample ID: 460-119223-5

Matrix: Solid | Lab File ID: 5F002997.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0033(g) | Date Analyzed: 08/31/2016 20:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
50-29-3	4,4'-DDT	23		6.8	0.70

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		50-150
877-09-8	Tetrachloro-m-xylene	111		47-150

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-137-Composite | Lab Sample ID: 460-119223-7

Matrix: Solid | Lab File ID: 5F002998.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0045(g) | Date Analyzed: 08/31/2016 20:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 2.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-54-8	4,4'-DDD	4.2	~~J~~ J	6.9	0.90
309-00-2	Aldrin	6.9	U	6.9	0.83
319-84-6	alpha-BHC	2.1	U	2.1	0.63
319-85-7	beta-BHC	2.1	U	2.1	0.67
57-74-9	Chlordane (technical)	69	U	69	30
319-86-8	delta-BHC	2.1	U	2.1	0.75
60-57-1	Dieldrin	2.1	U	2.1	0.89
959-98-8	Endosulfan I	6.9	U	6.9	0.95
33213-65-9	Endosulfan II	6.9	U	6.9	1.1
1031-07-8	Endosulfan sulfate	6.9	U	6.9	0.80
72-20-8	Endrin	6.9	U	6.9	0.87
7421-93-4	Endrin aldehyde	6.9	U	6.9	0.85
53494-70-5	Endrin ketone	6.9	U	6.9	0.95
58-89-9	gamma-BHC (Lindane)	2.1	U	2.1	0.62
76-44-8	Heptachlor	6.9	U	6.9	0.88
1024-57-3	Heptachlor epoxide	6.9	U	6.9	1.3
72-43-5	Methoxychlor	6.9	U	6.9	1.5
8001-35-2	Toxaphene	69	U	69	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		50-150
877-09-8	Tetrachloro-m-xylene	96		47-150

7/19/17

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-137-Composite | Lab Sample ID: 460-119223-7

Matrix: Solid | Lab File ID: 5F002998.D

Analysis Method: 8081B | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:16

Sample wt/vol: 15.0045(g) | Date Analyzed: 08/31/2016 20:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 387921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-55-9	4,4'-DDE	2.0	J	6.9	0.99
50-29-3	4,4'-DDT	4.2	J	6.9	0.71

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		50-150
877-09-8	Tetrachloro-m-xylene	97		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-124 C | Lab Sample ID: 460-113778-2

Matrix: Solid | Lab File ID: 9F002006.D

Analysis Method: 8082A | Date Collected: 05/13/2016 11:20

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:55

Sample wt/vol: 15.0184(g) | Date Analyzed: 05/17/2016 13:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368496 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	9.5
11104-28-2	Aroclor 1221	72	U	72	9.5
11141-16-5	Aroclor 1232	72	U	72	9.5
53469-21-9	Aroclor 1242	72	U	72	9.5
12672-29-6	Aroclor 1248	72	U	72	9.5
11097-69-1	Aroclor 1254	72	U	72	9.9
11096-82-5	Aroclor 1260	72	U	72	9.9
37324-23-5	Aroclor-1262	72	U	72	9.9
11100-14-4	Aroclor 1268	72	U	72	9.9
1336-36-3	Polychlorinated biphenyls, Total	72	U	72	9.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-125 C | Lab Sample ID: 460-113778-4

Matrix: Solid | Lab File ID: 9F002024.D

Analysis Method: 8082A | Date Collected: 05/13/2016 11:00

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:55

Sample wt/vol: 15.0017(g) | Date Analyzed: 05/17/2016 20:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368496 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	9.7
11104-28-2	Aroclor 1221	73	U	73	9.7
11141-16-5	Aroclor 1232	73	U	73	9.7
53469-21-9	Aroclor 1242	73	U	73	9.7
12672-29-6	Aroclor 1248	73	U	73	9.7
11097-69-1	Aroclor 1254	73	U	73	10
11096-82-5	Aroclor 1260	73	U	73	10
37324-23-5	Aroclor-1262	73	U	73	10
11100-14-4	Aroclor 1268	73	U	73	10
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-126 C | Lab Sample ID: 460-113778-6

Matrix: Solid | Lab File ID: 9F002025.D

Analysis Method: 8082A | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:55

Sample wt/vol: 15.0041(g) | Date Analyzed: 05/17/2016 20:32

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368496 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	10
11104-28-2	Aroclor 1221	75	U	75	10
11141-16-5	Aroclor 1232	75	U	75	10
53469-21-9	Aroclor 1242	75	U	75	10
12672-29-6	Aroclor 1248	75	U	75	10
11097-69-1	Aroclor 1254	75	U	75	10
11096-82-5	Aroclor 1260	75	U	75	10
37324-23-5	Aroclor-1262	75	U	75	10
11100-14-4	Aroclor 1268	75	U	75	10
1336-36-3	Polychlorinated biphenyls, Total	75	U	75	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-127-C | Lab Sample ID: 460-113778-7

Matrix: Solid | Lab File ID: 9F002026.D

Analysis Method: 8082A | Date Collected: 05/13/2016 11:20

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:55

Sample wt/vol: 15.0227(g) | Date Analyzed: 05/17/2016 20:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368496 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	73	U	73	9.7
11104-28-2	Aroclor 1221	73	U	73	9.7
11141-16-5	Aroclor 1232	73	U	73	9.7
53469-21-9	Aroclor 1242	73	U	73	9.7
12672-29-6	Aroclor 1248	73	U	73	9.7
11097-69-1	Aroclor 1254	73	U	73	10
11096-82-5	Aroclor 1260	73	U	73	10
37324-23-5	Aroclor-1262	73	U	73	10
11100-14-4	Aroclor 1268	73	U	73	10
1336-36-3	Polychlorinated biphenyls, Total	73	U	73	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-113778-1

SDG No.:

Client Sample ID: SP-128-C | Lab Sample ID: 460-113778-9

Matrix: Solid | Lab File ID: 9F002027.D

Analysis Method: 8082A | Date Collected: 05/13/2016 10:50

Extraction Method: 3546 | Date Extracted: 05/17/2016 01:55

Sample wt/vol: 15.0447(g) | Date Analyzed: 05/17/2016 21:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 368496 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	74	U	74	9.9
11104-28-2	Aroclor 1221	74	U	74	9.9
11141-16-5	Aroclor 1232	74	U	74	9.9
53469-21-9	Aroclor 1242	74	U	74	9.9
12672-29-6	Aroclor 1248	74	U	74	9.9
11097-69-1	Aroclor 1254	74	U	74	10
11096-82-5	Aroclor 1260	74	U	74	10
37324-23-5	Aroclor-1262	74	U	74	10
11100-14-4	Aroclor 1268	74	U	74	10
1336-36-3	Polychlorinated biphenyls, Total	74	U	74	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	96		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-129-Composite | Lab Sample ID: 460-115613-2

Matrix: Solid | Lab File ID: 9F024017.D

Analysis Method: 8082A | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 03:02

Sample wt/vol: 15.0174(g) | Date Analyzed: 06/21/2016 21:52

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375076 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	9.5
11104-28-2	Aroclor 1221	71	U	71	9.5
11141-16-5	Aroclor 1232	71	U	71	9.5
53469-21-9	Aroclor 1242	71	U	71	9.5
12672-29-6	Aroclor 1248	71	U	71	9.5
11097-69-1	Aroclor 1254	71	U	71	9.8
11096-82-5	Aroclor 1260	71	U	71	9.8
37324-23-5	Aroclor-1262	71	U	71	9.8
11100-14-4	Aroclor 1268	71	U	71	9.8
1336-36-3	Polychlorinated biphenyls, Total	71	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-130-Composite | Lab Sample ID: 460-115613-4

Matrix: Solid | Lab File ID: 9F024018.D

Analysis Method: 8082A | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 03:02

Sample wt/vol: 15.0098(g) | Date Analyzed: 06/21/2016 22:10

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375076 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	9.5
11104-28-2	Aroclor 1221	72	U	72	9.5
11141-16-5	Aroclor 1232	72	U	72	9.5
53469-21-9	Aroclor 1242	72	U	72	9.5
12672-29-6	Aroclor 1248	72	U	72	9.5
11097-69-1	Aroclor 1254	72	U	72	9.8
11096-82-5	Aroclor 1260	72	U	72	9.8
37324-23-5	Aroclor-1262	72	U	72	9.8
11100-14-4	Aroclor 1268	72	U	72	9.8
1336-36-3	Polychlorinated biphenyls, Total	72	U	72	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-115613-1

SDG No.:

Client Sample ID: SP-131-Composite | Lab Sample ID: 460-115613-5

Matrix: Solid | Lab File ID: 9F024019.D

Analysis Method: 8082A | Date Collected: 06/17/2016 08:30

Extraction Method: 3546 | Date Extracted: 06/21/2016 03:02

Sample wt/vol: 15.0115(g) | Date Analyzed: 06/21/2016 22:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 375076 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	9.5
11104-28-2	Aroclor 1221	71	U	71	9.5
11141-16-5	Aroclor 1232	71	U	71	9.5
53469-21-9	Aroclor 1242	71	U	71	9.5
12672-29-6	Aroclor 1248	71	U	71	9.5
11097-69-1	Aroclor 1254	71	U	71	9.8
11096-82-5	Aroclor 1260	71	U	71	9.8
37324-23-5	Aroclor-1262	71	U	71	9.8
11100-14-4	Aroclor 1268	71	U	71	9.8
1336-36-3	Polychlorinated biphenyls, Total	71	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-132-Composite | Lab Sample ID: 460-118140-2

Matrix: Solid | Lab File ID: T1331540.D

Analysis Method: 8082A | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:53

Sample wt/vol: 15.0039(g) | Date Analyzed: 08/08/2016 19:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383676 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	75	U	75	9.9
11104-28-2	Aroclor 1221	75	U	75	9.9
11141-16-5	Aroclor 1232	75	U	75	9.9
53469-21-9	Aroclor 1242	75	U	75	9.9
12672-29-6	Aroclor 1248	75	U	75	9.9
11097-69-1	Aroclor 1254	75	U	75	10
11096-82-5	Aroclor 1260	75	U	75	10
37324-23-5	Aroclor-1262	75	U	75	10
11100-14-4	Aroclor 1268	75	U	75	10
1336-36-3	Polychlorinated biphenyls, Total	75	U	75	10

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-118140-1

SDG No.:

Client Sample ID: SP-133-Composite | Lab Sample ID: 460-118140-3

Matrix: Solid | Lab File ID: T1331545.D

Analysis Method: 8082A | Date Collected: 08/03/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/08/2016 02:53

Sample wt/vol: 15.0054(g) | Date Analyzed: 08/08/2016 20:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 383676 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	9.5
11104-28-2	Aroclor 1221	71	U	71	9.5
11141-16-5	Aroclor 1232	71	U	71	9.5
53469-21-9	Aroclor 1242	71	U	71	9.5
12672-29-6	Aroclor 1248	71	U	71	9.5
11097-69-1	Aroclor 1254	71	U	71	9.8
11096-82-5	Aroclor 1260	71	U	71	9.8
37324-23-5	Aroclor-1262	71	U	71	9.8
11100-14-4	Aroclor 1268	71	U	71	9.8
1336-36-3	Polychlorinated biphenyls, Total	71	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132	p	47-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-134-Composite | Lab Sample ID: 460-119223-2

Matrix: Solid | Lab File ID: 9F243489.D

Analysis Method: 8082A | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:01

Sample wt/vol: 15.0015(g) | Date Analyzed: 09/01/2016 08:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 6.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	9.5
11104-28-2	Aroclor 1221	71	U	71	9.5
11141-16-5	Aroclor 1232	71	U	71	9.5
53469-21-9	Aroclor 1242	71	U	71	9.5
12672-29-6	Aroclor 1248	71	U	71	9.5
11097-69-1	Aroclor 1254	71	U	71	9.8
11096-82-5	Aroclor 1260	71	U	71	9.8
37324-23-5	Aroclor-1262	71	U	71	9.8
11100-14-4	Aroclor 1268	71	U	71	9.8
1336-36-3	Polychlorinated biphenyls, Total	71	U	71	9.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	93		35-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-135-Composite | Lab Sample ID: 460-119223-4

Matrix: Solid | Lab File ID: 9F243486.D

Analysis Method: 8082A | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:01

Sample wt/vol: 15.0010(g) | Date Analyzed: 09/01/2016 07:19

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 3.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	9.2
11104-28-2	Aroclor 1221	70	U	70	9.2
11141-16-5	Aroclor 1232	70	U	70	9.2
53469-21-9	Aroclor 1242	70	U	70	9.2
12672-29-6	Aroclor 1248	70	U	70	9.2
11097-69-1	Aroclor 1254	70	U	70	9.6
11096-82-5	Aroclor 1260	70	U	70	9.6
37324-23-5	Aroclor-1262	70	U	70	9.6
11100-14-4	Aroclor 1268	70	U	70	9.6
1336-36-3	Polychlorinated biphenyls, Total	70	U	70	9.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		35-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-136-Composite | Lab Sample ID: 460-119223-5

Matrix: Solid | Lab File ID: 9F243490.D

Analysis Method: 8082A | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:01

Sample wt/vol: 15.0033(g) | Date Analyzed: 09/01/2016 08:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	68	U	68	9.0
11104-28-2	Aroclor 1221	68	U	68	9.0
11141-16-5	Aroclor 1232	68	U	68	9.0
53469-21-9	Aroclor 1242	68	U	68	9.0
12672-29-6	Aroclor 1248	68	U	68	9.0
11097-69-1	Aroclor 1254	68	U	68	9.4
11096-82-5	Aroclor 1260	68	U	68	9.4
37324-23-5	Aroclor-1262	68	U	68	9.4
11100-14-4	Aroclor 1268	68	U	68	9.4
1336-36-3	Polychlorinated biphenyls, Total	68	U	68	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		35-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-119223-1

SDG No.:

Client Sample ID: SP-137-Composite | Lab Sample ID: 460-119223-7

Matrix: Solid | Lab File ID: 9F243491.D

Analysis Method: 8082A | Date Collected: 08/26/2016 08:00

Extraction Method: 3546 | Date Extracted: 08/31/2016 03:01

Sample wt/vol: 15.0045(g) | Date Analyzed: 09/01/2016 08:48

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 2.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 388070 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	69	U	69	9.1
11104-28-2	Aroclor 1221	69	U	69	9.1
11141-16-5	Aroclor 1232	69	U	69	9.1
53469-21-9	Aroclor 1242	69	U	69	9.1
12672-29-6	Aroclor 1248	69	U	69	9.1
11097-69-1	Aroclor 1254	69	U	69	9.4
11096-82-5	Aroclor 1260	69	U	69	9.4
37324-23-5	Aroclor-1262	69	U	69	9.4
11100-14-4	Aroclor 1268	69	U	69	9.4
1336-36-3	Polychlorinated biphenyls, Total	69	U	69	9.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		35-150

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: SP-111-C-2
Lab Sample ID: 460-112038-1
Lab Name: TestAmerica Edison
Job No.: 460-112038-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/12/2016 08:00
Reporting Basis: WET
Date Received: 04/12/2016 15:35

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	75.0	75.0	22.1	ug/L	U		5	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-124 C
Lab Sample ID: 460-113778-2
Lab Name: TestAmerica Edison
Job No.: 460-113778-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/13/2016 11:20
Reporting Basis: DRY
Date Received: 05/13/2016 14:00
% Solids: 93.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.3	2.0	0.35	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6830	39.4	20.3	mg/Kg			4	6010C
7440-38-2	Arsenic	15.4	3.0	0.97	mg/Kg			4	6010C
7440-39-3	Barium	69.5	39.4	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.60	0.39	0.33	mg/Kg			4	6010C
7440-70-2	Calcium	18500	986	58.3	mg/Kg			4	6010C
7440-43-9	Cadmium	0.79	0.79	0.41	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.2	9.9	1.1	mg/Kg			4	6010C
7440-47-3	Chromium	27.9	2.0	0.95	mg/Kg	J		4	6010C
7440-50-8	Copper	95.3	4.9	1.3	mg/Kg			4	6010C
7439-89-6	Iron	22400	29.6	22.3	mg/Kg			4	6010C
7440-09-7	Potassium	902	986	29.9	mg/Kg	J		4	6010C
7439-95-4	Magnesium	6490	986	49.2	mg/Kg	J		4	6010C
7439-96-5	Manganese	340	3.0	1.0	mg/Kg			4	6010C
7440-23-5	Sodium	545	986	66.7	mg/Kg	J		4	6010C
7440-02-0	Nickel	74.4	7.9	1.4	mg/Kg			4	6010C
7439-92-1	Lead	192	2.0	0.77	mg/Kg			4	6010C
7440-36-0	Antimony	3.9	3.9	1.6	mg/Kg	~~U~~ UJ		4	6010C
7782-49-2	Selenium	3.9	3.9	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.9	3.9	1.7	mg/Kg	U		4	6010C
7440-62-2	Vanadium	33.1	9.9	0.99	mg/Kg			4	6010C
7440-66-6	Zinc	136	5.9	1.4	mg/Kg	J		4	6010C
7439-97-6	Mercury	0.29	0.017	0.012	mg/Kg			1	7471B

7/17/17

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-125 C
Lab Sample ID: 460-113778-4
Lab Name: TestAmerica Edison
Job No.: 460-113778-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/13/2016 11:00
Reporting Basis: DRY
Date Received: 05/13/2016 14:00
% Solids: 91.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.82	2.1	0.37	mg/Kg	J		4	6010C
7429-90-5	Aluminum	5960	42.3	21.8	mg/Kg			4	6010C
7440-38-2	Arsenic	11.0	3.2	1.0	mg/Kg			4	6010C
7440-39-3	Barium	63.5	42.3	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.42	0.42	0.36	mg/Kg	U		4	6010C
7440-70-2	Calcium	20400	1060	62.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.85	0.85	0.44	mg/Kg	U		4	6010C
7440-48-4	Cobalt	6.1	10.6	1.2	mg/Kg	J		4	6010C
7440-47-3	Chromium	22.6	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	51.7	5.3	1.4	mg/Kg			4	6010C
7439-89-6	Iron	12600	31.8	23.9	mg/Kg			4	6010C
7440-09-7	Potassium	650	1060	32.1	mg/Kg	J		4	6010C
7439-95-4	Magnesium	5910	1060	52.8	mg/Kg			4	6010C
7439-96-5	Manganese	233	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	543	1060	71.7	mg/Kg	J		4	6010C
7440-02-0	Nickel	42.9	8.5	1.5	mg/Kg			4	6010C
7439-92-1	Lead	256	2.1	0.83	mg/Kg			4	6010C
7440-36-0	Antimony	1.8	4.2	1.7	mg/Kg	J		4	6010C
7782-49-2	Selenium	4.2	4.2	1.5	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.2	4.2	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	63.7	10.6	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	174	6.4	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.19	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-126 C
Lab Sample ID: 460-113778-6
Lab Name: TestAmerica Edison
Job No.: 460-113778-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/13/2016 10:50
Reporting Basis: DRY
Date Received: 05/13/2016 14:00
% Solids: 89.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.85	2.1	0.38	mg/Kg	J		4	6010C
7429-90-5	Aluminum	4550	42.7	22.0	mg/Kg			4	6010C
7440-38-2	Arsenic	79.4	3.2	1.0	mg/Kg			4	6010C
7440-39-3	Barium	128	42.7	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.43	0.43	0.36	mg/Kg	U		4	6010C
7440-70-2	Calcium	10700	1070	63.2	mg/Kg	J-		4	6010C
7440-43-9	Cadmium	0.85	0.85	0.45	mg/Kg	U		4	6010C
7440-48-4	Cobalt	7.4	10.7	1.2	mg/Kg	J		4	6010C
7440-47-3	Chromium	19.9	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	144	5.3	1.4	mg/Kg			4	6010C
7439-89-6	Iron	25600	32.0	24.1	mg/Kg			4	6010C
7440-09-7	Potassium	684	1070	32.3	mg/Kg	J		4	6010C
7439-95-4	Magnesium	3910	1070	53.3	mg/Kg			4	6010C
7439-96-5	Manganese	283	3.2	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	479	1070	72.3	mg/Kg	J		4	6010C
7440-02-0	Nickel	52.7	8.5	1.6	mg/Kg			4	6010C
7439-92-1	Lead	302	2.1	0.84	mg/Kg			4	6010C
7440-36-0	Antimony	3.0	4.3	1.7	mg/Kg	J		4	6010C
7782-49-2	Selenium	1.7	4.3	1.5	mg/Kg	J		4	6010C
7440-28-0	Thallium	4.3	4.3	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	33.9	10.7	1.1	mg/Kg			4	6010C
7440-66-6	Zinc	186	6.4	1.6	mg/Kg			4	6010C
7439-97-6	Mercury	0.83	0.018	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-127-C
Lab Sample ID: 460-113778-7
Lab Name: TestAmerica Edison
Job No.: 460-113778-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/13/2016 11:20
Reporting Basis: DRY
Date Received: 05/13/2016 14:00
% Solids: 91.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.3	2.0	0.35	mg/Kg	J		4	6010C
7429-90-5	Aluminum	7130	39.2	20.2	mg/Kg			4	6010C
7440-38-2	Arsenic	20.9	2.9	0.96	mg/Kg			4	6010C
7440-39-3	Barium	73.8	39.2	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.46	0.39	0.33	mg/Kg			4	6010C
7440-70-2	Calcium	14700	979	58.0	mg/Kg			4	6010C
7440-43-9	Cadmium	0.78	0.78	0.41	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10	9.8	1.1	mg/Kg			4	6010C
7440-47-3	Chromium	23.7	2.0	0.95	mg/Kg			4	6010C
7440-50-8	Copper	81.5	4.9	1.3	mg/Kg			4	6010C
7439-89-6	Iron	22900	29.4	22.1	mg/Kg			4	6010C
7440-09-7	Potassium	817	979	29.7	mg/Kg	J		4	6010C
7439-95-4	Magnesium	5450	979	48.9	mg/Kg			4	6010C
7439-96-5	Manganese	330	2.9	1.0	mg/Kg			4	6010C
7440-23-5	Sodium	568	979	66.3	mg/Kg	J		4	6010C
7440-02-0	Nickel	64.6	7.8	1.4	mg/Kg			4	6010C
7439-92-1	Lead	193	2.0	0.77	mg/Kg			4	6010C
7440-36-0	Antimony	1.5	3.9	1.5	mg/Kg	J		4	6010C
7782-49-2	Selenium	3.9	3.9	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.9	3.9	1.7	mg/Kg	U		4	6010C
7440-62-2	Vanadium	41.8	9.8	0.98	mg/Kg			4	6010C
7440-66-6	Zinc	142	5.9	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.42	0.018	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-128-C
Lab Sample ID: 460-113778-9
Lab Name: TestAmerica Edison
Job No.: 460-113778-1
SDG ID.:
Matrix: Solid
Date Sampled: 05/13/2016 10:50
Reporting Basis: DRY
Date Received: 05/13/2016 14:00
% Solids: 89.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.92	2.0	0.36	mg/Kg	J		4	6010C
7429-90-5	Aluminum	4520	40.9	21.1	mg/Kg			4	6010C
7440-38-2	Arsenic	83.0	3.1	1.0	mg/Kg			4	6010C
7440-39-3	Barium	136	40.9	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.41	0.41	0.35	mg/Kg	U		4	6010C
7440-70-2	Calcium	22100	1020	60.6	mg/Kg			4	6010C
7440-43-9	Cadmium	0.82	0.82	0.43	mg/Kg	U		4	6010C
7440-48-4	Cobalt	8.3	10.2	1.2	mg/Kg	J		4	6010C
7440-47-3	Chromium	19.8	2.0	0.99	mg/Kg			4	6010C
7440-50-8	Copper	160	5.1	1.3	mg/Kg			4	6010C
7439-89-6	Iron	29700	30.7	23.1	mg/Kg			4	6010C
7440-09-7	Potassium	641	1020	31.0	mg/Kg	J		4	6010C
7439-95-4	Magnesium	4400	1020	51.0	mg/Kg			4	6010C
7439-96-5	Manganese	309	3.1	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	457	1020	69.3	mg/Kg	J		4	6010C
7440-02-0	Nickel	64.0	8.2	1.5	mg/Kg			4	6010C
7439-92-1	Lead	412	2.0	0.80	mg/Kg			4	6010C
7440-36-0	Antimony	2.6	4.1	1.6	mg/Kg	J		4	6010C
7782-49-2	Selenium	2.0	4.1	1.4	mg/Kg	J		4	6010C
7440-28-0	Thallium	4.1	4.1	1.8	mg/Kg	U		4	6010C
7440-62-2	Vanadium	31.6	10.2	1.0	mg/Kg			4	6010C
7440-66-6	Zinc	170	6.1	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	1.0	0.037	0.026	mg/Kg			2	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-129-Composite
Lab Sample ID: 460-115613-2
Lab Name: TestAmerica Edison
Job No.: 460-115613-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/17/2016 08:30
Reporting Basis: DRY
Date Received: 06/17/2016 14:45
% Solids: 93.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.35	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5880	39.2	20.2	mg/Kg			4	6010C
7440-38-2	Arsenic	32.5	2.9	0.96	mg/Kg			4	6010C
7440-39-3	Barium	80.6	39.2	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.41	0.39	0.33	mg/Kg			4	6010C
7440-70-2	Calcium	18000	980	58.0	mg/Kg			4	6010C
7440-43-9	Cadmium	0.78	0.78	0.41	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.6	9.8	1.1	mg/Kg			4	6010C
7440-47-3	Chromium	30.3	2.0	0.95	mg/Kg	J		4	6010C
7440-50-8	Copper	95.4	4.9	1.3	mg/Kg			4	6010C
7439-89-6	Iron	22300	29.4	22.2	mg/Kg			4	6010C
7440-09-7	Potassium	898	980	29.7	mg/Kg	J		4	6010C
7439-95-4	Magnesium	10700	980	48.9	mg/Kg			4	6010C
7439-96-5	Manganese	298	2.9	1.0	mg/Kg			4	6010C
7440-23-5	Sodium	483	980	66.4	mg/Kg	J		4	6010C
7440-02-0	Nickel	116	7.8	1.4	mg/Kg			4	6010C
7439-92-1	Lead	176	2.0	0.77	mg/Kg	J		4	6010C
7440-36-0	Antimony	3.9	3.9	1.5	mg/Kg	~~U~~ UJ		4	6010C
7782-49-2	Selenium	3.9	3.9	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.9	3.9	1.7	mg/Kg	U		4	6010C
7440-62-2	Vanadium	26.5	9.8	0.98	mg/Kg			4	6010C
7440-66-6	Zinc	127	5.9	1.4	mg/Kg	J		4	6010C
7439-97-6	Mercury	0.34	0.018	0.012	mg/Kg	J		1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-130-Composite
Lab Sample ID: 460-115613-4
Lab Name: TestAmerica Edison
Job No.: 460-115613-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/17/2016 08:30
Reporting Basis: DRY
Date Received: 06/17/2016 14:45
% Solids: 93.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.1	2.1	0.37	mg/Kg	U		4	6010C
7429-90-5	Aluminum	5240	41.9	21.6	mg/Kg			4	6010C
7440-38-2	Arsenic	30.2	3.1	1.0	mg/Kg			4	6010C
7440-39-3	Barium	70.7	41.9	1.5	mg/Kg			4	6010C
7440-41-7	Beryllium	0.36	0.42	0.36	mg/Kg	J		4	6010C
7440-70-2	Calcium	16300	1050	62.0	mg/Kg			4	6010C
7440-43-9	Cadmium	0.84	0.84	0.44	mg/Kg	U		4	6010C
7440-48-4	Cobalt	8.5	10.5	1.2	mg/Kg	J		4	6010C
7440-47-3	Chromium	25.4	2.1	1.0	mg/Kg			4	6010C
7440-50-8	Copper	81.4	5.2	1.4	mg/Kg			4	6010C
7439-89-6	Iron	20100	31.4	23.7	mg/Kg			4	6010C
7440-09-7	Potassium	809	1050	31.8	mg/Kg	J		4	6010C
7439-95-4	Magnesium	9200	1050	52.3	mg/Kg			4	6010C
7439-96-5	Manganese	285	3.1	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	471	1050	70.9	mg/Kg	J		4	6010C
7440-02-0	Nickel	99.5	8.4	1.5	mg/Kg			4	6010C
7439-92-1	Lead	144	2.1	0.82	mg/Kg			4	6010C
7440-36-0	Antimony	4.2	4.2	1.7	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.2	4.2	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.2	4.2	1.9	mg/Kg	U		4	6010C
7440-62-2	Vanadium	27.5	10.5	1.0	mg/Kg			4	6010C
7440-66-6	Zinc	108	6.3	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.32	0.017	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-131-Composite
Lab Sample ID: 460-115613-5
Lab Name: TestAmerica Edison
Job No.: 460-115613-1
SDG ID.:
Matrix: Solid
Date Sampled: 06/17/2016 08:30
Reporting Basis: DRY
Date Received: 06/17/2016 14:45
% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	2.0	2.0	0.36	mg/Kg	U		4	6010C
7429-90-5	Aluminum	6320	40.3	20.7	mg/Kg			4	6010C
7440-38-2	Arsenic	35.2	3.0	0.99	mg/Kg			4	6010C
7440-39-3	Barium	73.6	40.3	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.45	0.40	0.34	mg/Kg			4	6010C
7440-70-2	Calcium	20400	1010	59.6	mg/Kg			4	6010C
7440-43-9	Cadmium	0.81	0.81	0.42	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.8	10.1	1.2	mg/Kg			4	6010C
7440-47-3	Chromium	47.2	2.0	0.97	mg/Kg			4	6010C
7440-50-8	Copper	85.9	5.0	1.3	mg/Kg			4	6010C
7439-89-6	Iron	20900	30.2	22.8	mg/Kg			4	6010C
7440-09-7	Potassium	806	1010	30.5	mg/Kg	J		4	6010C
7439-95-4	Magnesium	8880	1010	50.2	mg/Kg			4	6010C
7439-96-5	Manganese	315	3.0	1.1	mg/Kg			4	6010C
7440-23-5	Sodium	502	1010	68.2	mg/Kg	J		4	6010C
7440-02-0	Nickel	108	8.1	1.5	mg/Kg			4	6010C
7439-92-1	Lead	151	2.0	0.79	mg/Kg			4	6010C
7440-36-0	Antimony	4.0	4.0	1.6	mg/Kg	U		4	6010C
7782-49-2	Selenium	4.0	4.0	1.4	mg/Kg	U		4	6010C
7440-28-0	Thallium	4.0	4.0	1.8	mg/Kg	U		4	6010C
7440-62-2	Vanadium	28.2	10.1	1.0	mg/Kg			4	6010C
7440-66-6	Zinc	110	6.0	1.5	mg/Kg			4	6010C
7439-97-6	Mercury	0.29	0.018	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-132-Composite
Lab Sample ID: 460-118140-2
Lab Name: TestAmerica Edison
Job No.: 460-118140-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/03/2016 08:00
Reporting Basis: DRY
Date Received: 08/04/2016 15:30
% Solids: 89.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.42	1.9	0.34	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6220	38.8	20.0	mg/Kg			4	6010C
7440-38-2	Arsenic	75.0	2.9	0.95	mg/Kg			4	6010C
7440-39-3	Barium	92.4	38.8	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.39	0.39	0.33	mg/Kg	U		4	6010C
7440-70-2	Calcium	20400	970	57.4	mg/Kg			4	6010C
7440-43-9	Cadmium	0.78	0.78	0.40	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.2	9.7	1.1	mg/Kg			4	6010C
7440-47-3	Chromium	28.6	1.9	0.94	mg/Kg			4	6010C
7440-50-8	Copper	122	4.9	1.3	mg/Kg			4	6010C
7439-89-6	Iron	25200	29.1	21.9	mg/Kg			4	6010C
7440-09-7	Potassium	932	970	29.4	mg/Kg	J		4	6010C
7439-95-4	Magnesium	9220	970	48.4	mg/Kg			4	6010C
7439-96-5	Manganese	347	2.9	1.0	mg/Kg			4	6010C
7440-23-5	Sodium	556	970	65.7	mg/Kg	J		4	6010C
7440-02-0	Nickel	101	7.8	1.4	mg/Kg			4	6010C
7439-92-1	Lead	300	1.9	0.76	mg/Kg			4	6010C
7440-36-0	Antimony	3.9	3.9	1.5	mg/Kg	~~U~~ VJ		4	6010C
7782-49-2	Selenium	1.6	3.9	1.3	mg/Kg	J		4	6010C
7440-28-0	Thallium	3.9	3.9	1.7	mg/Kg	U		4	6010C
7440-62-2	Vanadium	42.1	9.7	0.97	mg/Kg			4	6010C
7440-66-6	Zinc	186	5.8	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.35	0.018	0.013	mg/Kg			1	7471B

8/9/17

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-133-Composite
Lab Sample ID: 460-118140-3
Lab Name: TestAmerica Edison
Job No.: 460-118140-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/03/2016 08:00
Reporting Basis: DRY
Date Received: 08/04/2016 15:30
% Solids: 93.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.43	1.9	0.34	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6610	38.1	19.6	mg/Kg			4	6010C
7440-38-2	Arsenic	65.3	2.9	0.94	mg/Kg			4	6010C
7440-39-3	Barium	89.1	38.1	1.4	mg/Kg			4	6010C
7440-41-7	Beryllium	0.38	0.38	0.32	mg/Kg	U		4	6010C
7440-70-2	Calcium	25600	953	56.4	mg/Kg			4	6010C
7440-43-9	Cadmium	0.76	0.76	0.40	mg/Kg	U		4	6010C
7440-48-4	Cobalt	9.0	9.5	1.1	mg/Kg	J		4	6010C
7440-47-3	Chromium	27.4	1.9	0.92	mg/Kg			4	6010C
7440-50-8	Copper	118	4.8	1.2	mg/Kg			4	6010C
7439-89-6	Iron	22400	28.6	21.5	mg/Kg			4	6010C
7440-09-7	Potassium	990	953	28.9	mg/Kg			4	6010C
7439-95-4	Magnesium	8700	953	47.5	mg/Kg			4	6010C
7439-96-5	Manganese	316	2.9	1.0	mg/Kg			4	6010C
7440-23-5	Sodium	654	953	64.5	mg/Kg	J		4	6010C
7440-02-0	Nickel	79.5	7.6	1.4	mg/Kg			4	6010C
7439-92-1	Lead	216	1.9	0.75	mg/Kg			4	6010C
7440-36-0	Antimony	3.8	3.8	1.5	mg/Kg	U		4	6010C
7782-49-2	Selenium	1.4	3.8	1.3	mg/Kg	J		4	6010C
7440-28-0	Thallium	3.8	3.8	1.7	mg/Kg	U		4	6010C
7440-62-2	Vanadium	40.5	9.5	0.95	mg/Kg			4	6010C
7440-66-6	Zinc	181	5.7	1.4	mg/Kg			4	6010C
7439-97-6	Mercury	0.45	0.018	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-134-Composite
Lab Sample ID: 460-119223-2
Lab Name: TestAmerica Edison
Job No.: 460-119223-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/26/2016 08:00
Reporting Basis: DRY
Date Received: 08/26/2016 12:30
% Solids: 93.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.3	1.7	0.31	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6080	34.9	18.0	mg/Kg			4	6010C
7440-38-2	Arsenic	59.4	2.6	0.86	mg/Kg			4	6010C
7440-39-3	Barium	89.4	34.9	1.2	mg/Kg			4	6010C
7440-41-7	Beryllium	0.35	0.35	0.30	mg/Kg	U		4	6010C
7440-70-2	Calcium	17400	874	51.7	mg/Kg			4	6010C
7440-43-9	Cadmium	0.70	0.70	0.36	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.2	8.7	1.0	mg/Kg			4	6010C
7440-47-3	Chromium	29.4	1.7	0.84	mg/Kg			4	6010C
7440-50-8	Copper	136	4.4	1.1	mg/Kg			4	6010C
7439-89-6	Iron	27000	26.2	19.7	mg/Kg			4	6010C
7440-09-7	Potassium	894	874	26.5	mg/Kg			4	6010C
7439-95-4	Magnesium	8570	874	43.6	mg/Kg			4	6010C
7439-96-5	Manganese	306	2.6	0.92	mg/Kg			4	6010C
7440-23-5	Sodium	471	874	59.1	mg/Kg	J		4	6010C
7440-02-0	Nickel	100	7.0	1.3	mg/Kg			4	6010C
7439-92-1	Lead	248	1.7	0.69	mg/Kg			4	6010C
7440-36-0	Antimony	1.5	3.5	1.4	mg/Kg	J		4	6010C
7782-49-2	Selenium	3.5	3.5	1.2	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.5	3.5	1.5	mg/Kg	U		4	6010C
7440-62-2	Vanadium	32.5	8.7	0.87	mg/Kg			4	6010C
7440-66-6	Zinc	198	5.2	1.3	mg/Kg			4	6010C
7439-97-6	Mercury	0.39	0.018	0.011	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-135-Composite
Lab Sample ID: 460-119223-4
Lab Name: TestAmerica Edison
Job No.: 460-119223-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/26/2016 08:00
Reporting Basis: DRY
Date Received: 08/26/2016 12:30
% Solids: 96.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.0	1.7	0.30	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6490	34.0	17.5	mg/Kg			4	6010C
7440-38-2	Arsenic	82.5	2.6	0.84	mg/Kg			4	6010C
7440-39-3	Barium	110	34.0	1.2	mg/Kg			4	6010C
7440-41-7	Beryllium	0.34	0.34	0.29	mg/Kg	U		4	6010C
7440-70-2	Calcium	22000	851	50.4	mg/Kg	J		4	6010C
7440-43-9	Cadmium	0.38	0.68	0.35	mg/Kg	J		4	6010C
7440-48-4	Cobalt	13.3	8.5	0.98	mg/Kg			4	6010C
7440-47-3	Chromium	30.3	1.7	0.82	mg/Kg			4	6010C
7440-50-8	Copper	190	4.3	1.1	mg/Kg			4	6010C
7439-89-6	Iron	29200	25.5	19.2	mg/Kg			4	6010C
7440-09-7	Potassium	1050	851	25.8	mg/Kg			4	6010C
7439-95-4	Magnesium	9510	851	42.5	mg/Kg	J		4	6010C
7439-96-5	Manganese	351	2.6	0.89	mg/Kg			4	6010C
7440-23-5	Sodium	491	851	57.6	mg/Kg	J		4	6010C
7440-02-0	Nickel	111	6.8	1.2	mg/Kg	J		4	6010C
7439-92-1	Lead	326	1.7	0.67	mg/Kg			4	6010C
7440-36-0	Antimony	2.7	3.4	1.3	mg/Kg	J	J	4	6010C
7782-49-2	Selenium	3.4	3.4	1.2	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.4	3.4	1.5	mg/Kg	U		4	6010C
7440-62-2	Vanadium	44.1	8.5	0.85	mg/Kg	J		4	6010C
7440-66-6	Zinc	332	5.1	1.2	mg/Kg			4	6010C
7439-97-6	Mercury	0.55	0.017	0.011	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-136-Composite
Lab Sample ID: 460-119223-5
Lab Name: TestAmerica Edison
Job No.: 460-119223-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/26/2016 08:00
Reporting Basis: DRY
Date Received: 08/26/2016 12:30
% Solids: 98.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.2	1.7	0.29	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6690	33.3	17.2	mg/Kg			4	6010C
7440-38-2	Arsenic	13.9	2.5	0.82	mg/Kg	J-		4	6010C
7440-39-3	Barium	94.8	33.3	1.2	mg/Kg			4	6010C
7440-41-7	Beryllium	0.78	0.33	0.28	mg/Kg			4	6010C
7440-70-2	Calcium	21900	834	49.4	mg/Kg			4	6010C
7440-43-9	Cadmium	1.1	0.67	0.35	mg/Kg			4	6010C
7440-48-4	Cobalt	4.7	8.3	0.96	mg/Kg	J		4	6010C
7440-47-3	Chromium	36.6	1.7	0.81	mg/Kg			4	6010C
7440-50-8	Copper	155	4.2	1.1	mg/Kg			4	6010C
7439-89-6	Iron	8380	25.0	18.8	mg/Kg	J-		4	6010C
7440-09-7	Potassium	781	834	25.3	mg/Kg	J		4	6010C
7439-95-4	Magnesium	7910	834	41.6	mg/Kg			4	6010C
7439-96-5	Manganese	127	2.5	0.88	mg/Kg	J-		4	6010C
7440-23-5	Sodium	464	834	56.4	mg/Kg	J		4	6010C
7440-02-0	Nickel	40.0	6.7	1.2	mg/Kg	J-		4	6010C
7439-92-1	Lead	127	1.7	0.65	mg/Kg	J-		4	6010C
7440-36-0	Antimony	3.9	3.3	1.3	mg/Kg			4	6010C
7782-49-2	Selenium	3.3	3.3	1.2	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.3	3.3	1.5	mg/Kg	U		4	6010C
7440-62-2	Vanadium	140	8.3	0.83	mg/Kg			4	6010C
7440-66-6	Zinc	117	5.0	1.2	mg/Kg	J-		4	6010C
7439-97-6	Mercury	0.29	0.017	0.011	mg/Kg	J-		1	7471B

FORM IA-IN

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SP-137-Composite
Lab Sample ID: 460-119223-7
Lab Name: TestAmerica Edison
Job No.: 460-119223-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/26/2016 08:00
Reporting Basis: DRY
Date Received: 08/26/2016 12:30
% Solids: 97.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	1.2	1.6	0.29	mg/Kg	J		4	6010C
7429-90-5	Aluminum	6000	32.6	16.8	mg/Kg			4	6010C
7440-38-2	Arsenic	46.8	2.4	0.80	mg/Kg			4	6010C
7440-39-3	Barium	81.2	32.6	1.2	mg/Kg			4	6010C
7440-41-7	Beryllium	0.33	0.33	0.28	mg/Kg	U		4	6010C
7440-70-2	Calcium	17800	814	48.2	mg/Kg			4	6010C
7440-43-9	Cadmium	0.65	0.65	0.34	mg/Kg	U		4	6010C
7440-48-4	Cobalt	10.1	8.1	0.94	mg/Kg			4	6010C
7440-47-3	Chromium	22.2	1.6	0.79	mg/Kg			4	6010C
7440-50-8	Copper	126	4.1	1.1	mg/Kg			4	6010C
7439-89-6	Iron	21000	24.4	18.4	mg/Kg			4	6010C
7440-09-7	Potassium	878	814	24.7	mg/Kg			4	6010C
7439-95-4	Magnesium	4840	814	40.6	mg/Kg			4	6010C
7439-96-5	Manganese	245	2.4	0.86	mg/Kg			4	6010C
7440-23-5	Sodium	607	814	55.1	mg/Kg	J		4	6010C
7440-02-0	Nickel	68.1	6.5	1.2	mg/Kg			4	6010C
7439-92-1	Lead	195	1.6	0.64	mg/Kg			4	6010C
7440-36-0	Antimony	1.7	3.3	1.3	mg/Kg	J		4	6010C
7782-49-2	Selenium	3.3	3.3	1.1	mg/Kg	U		4	6010C
7440-28-0	Thallium	3.3	3.3	1.4	mg/Kg	U		4	6010C
7440-62-2	Vanadium	38.0	8.1	0.81	mg/Kg			4	6010C
7440-66-6	Zinc	339	4.9	1.2	mg/Kg			4	6010C
7439-97-6	Mercury	0.32	0.017	0.011	mg/Kg			1	7471B

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118140-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4196604.D

Lab ID: 460-118140-2 MS Client ID: SP-132-Composite MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	0.0149	7.6	0.0160	-51228	61-140	*
4,4'-DDD	0.0149	7.6	0.0170	-51221	61-140	*
4,4'-DDE	0.0149	3.3 J	0.0154	-21859	61-135	*
4,4'-DDE	0.0149	3.3 J	0.0155	-21859	61-135	*
4,4'-DDT	0.0149	7.5	0.0160	-50228	59-133	*
4,4'-DDT	0.0149	8.2	0.0166	-54952	59-133	*
Aldrin	0.0149	7.5 U	0.0153	103	61-133	
Aldrin	0.0149	7.5 U	0.0158	106	61-133	
alpha-BHC	0.0149	2.2 U	0.0158	106	61-137	
alpha-BHC	0.0149	2.2 U	0.0167	112	61-137	
beta-BHC	0.0149	2.2 U	0.0150	101	59-136	
beta-BHC	0.0149	2.2 U	0.0159	107	59-136	
delta-BHC	0.0149	2.2 U	0.0155	104	60-139	
delta-BHC	0.0149	2.2 U	0.0168	113	60-139	
Dieldrin	0.0149	2.2 U	0.0156	105	61-137	
Dieldrin	0.0149	2.2 U	0.0158	106	61-137	
Endosulfan I	0.0149	7.5 U	0.0152	102	60-135	
Endosulfan I	0.0149	7.5 U	0.0153	103	60-135	
Endosulfan II	0.0149	7.5 U	0.0151	102	61-130	
Endosulfan II	0.0149	7.5 U	0.0153	103	61-130	
Endosulfan sulfate	0.0149	7.5 U	0.0160	108	60-129	
Endosulfan sulfate	0.0149	7.5 U	0.0161	108	60-129	
Endrin	0.0149	7.5 U	0.0150	101	59-133	
Endrin	0.0149	7.5 U	0.0156	105	59-133	
Endrin aldehyde	0.0149	7.5 U	0.0146	98	57-131	
Endrin aldehyde	0.0149	7.5 U	0.0156	105	57-131	
Endrin ketone	0.0149	7.5 U	0.0152	102	57-138	
Endrin ketone	0.0149	7.5 U	0.0166	112	57-138	
gamma-BHC (Lindane)	0.0149	2.2 U	0.0152	102	61-138	
gamma-BHC (Lindane)	0.0149	2.2 U	0.0162	109	61-138	
Heptachlor	0.0149	7.5 U	0.0150	101	61-135	
Heptachlor	0.0149	7.5 U	0.0156	105	61-135	
Heptachlor epoxide	0.0149	7.5 U	0.0149	100	61-129	
Heptachlor epoxide	0.0149	7.5 U	0.0152	102	61-129	
Methoxychlor	0.0149	7.5 U	0.0164	111	60-129	
Methoxychlor	0.0149	7.5 U	0.0168	113	60-129	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118140-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P4196605.D

Lab ID: 460-118140-2 MSD Client ID: SP-132-Composite MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	148	152	97	200	30	61-140	*
4,4'-DDD	148	157	101	200	30	61-140	*
4,4'-DDE	148	150	99	200	30	61-135	*
4,4'-DDE	148	146	96	200	30	61-135	*
4,4'-DDT	148	152	97	200	30	59-133	*
4,4'-DDT	148	152	97	200	30	59-133	*
Aldrin	148	150	101	200	30	61-133	*
Aldrin	148	152	103	200	30	61-133	*
alpha-BHC	148	154	104	200	30	61-137	*
alpha-BHC	148	161	109	200	30	61-137	*
beta-BHC	148	150	101	200	30	59-136	*
beta-BHC	148	151	102	200	30	59-136	*
delta-BHC	148	154	103	200	30	60-139	*
delta-BHC	148	161	109	200	30	60-139	*
Dieldrin	148	152	102	200	30	61-137	*
Dieldrin	148	149	100	200	30	61-137	*
Endosulfan I	148	148	99	200	30	60-135	*
Endosulfan I	148	145	97	200	30	60-135	*
Endosulfan II	148	143	97	200	30	61-130	*
Endosulfan II	148	141	95	200	30	61-130	*
Endosulfan sulfate	148	150	101	200	30	60-129	*
Endosulfan sulfate	148	144	97	200	30	60-129	*
Endrin	148	144	97	200	30	59-133	*
Endrin	148	145	97	200	30	59-133	*
Endrin aldehyde	148	136	92	200	30	57-131	*
Endrin aldehyde	148	141	95	200	30	57-131	*
Endrin ketone	148	139	94	200	30	57-138	*
Endrin ketone	148	148	100	200	30	57-138	*
gamma-BHC (Lindane)	148	151	102	200	30	61-138	*
gamma-BHC (Lindane)	148	156	105	200	30	61-138	*
Heptachlor	148	148	100	200	30	61-135	*
Heptachlor	148	150	101	200	30	61-135	*
Heptachlor epoxide	148	144	97	200	30	61-129	*
Heptachlor epoxide	148	146	98	200	30	61-129	*
Methoxychlor	148	160	108	200	30	60-129	*

Column to be used to flag recovery and RPD values

FORM III 8081B