52-01 QUEENS BOULEVARD

QUEENS, NEW YORK

Remedial Action Report

NYC BCP Number: 12CVCP066Q

Prepared for:

52-01 LLC
11 Middleneck Road
Suite 204
Great Neck, New York 11021

Prepared by:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City, New York 11104
(718)784-7490

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LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
DER-10	NYS DEC Division of Environmental Remediation Technical Guidance Manual 10
EC	Engineering Control
HASP	Health and Safety Plan
IC	Institutional Control
NYC BCP	New York City Brownfield Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
ORC	Oxygen Release Compound
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Reza Sharif, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the vapor barrier required by the Remedial Action Work Plan for the 52-01 Queens Boulevard, Queens, New York Site (NY BCP Number 12CVCP066Q).

I, William Silveri, am a qualified Environmental Professional. I had primary direct responsibility for implementation of all other elements of the remedial program for the 52-01 Queens Boulevard, Queens, New York Site (NY BCP Number 12CVCP066Q), and the portions of the remedial program which I oversaw were implemented under the general guidance of the above-referenced P.E.

I, William Silveri, certify that the OER-approved Remedial Action Work Plan dated June 2012 that was reviewed and certified by the P.E. overseeing remedial components of the project and Stipulations in a letter dated June 2012, were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Reza Sharif
Name

074803
PE License Number

Signature

1-4-13
Date

PE Stamp

William Silveri
QEP Name

QEP Signature

1-4-13
Date

EXECUTIVE SUMMARY

Site Location and Prior Usage

The Site is located in the Woodside section of Queens, New York and is identified as Block 1321, Lot 1 on the New York City Tax Map. Figure 1 is a Site location map. The Site is 12,000 square feet and is bounded by an automobile repair shop to the north, Queens Boulevard to the south, an automobile repair shop and two residential dwellings to the east, and 52nd Street to the west. At the time of the RAWP, the Site was a vacant lot, without any structures, and was fully enclosed by a perimeter fence. Figure 2, Site Plan, shows the current boundaries of the Site.

Summary of Proposed Redevelopment Plan

The proposed use of the Site will consist of a 9-story, mixed-use building, with commercial tenants on the ground floor and residential units on floors above. Layout of the proposed site development is presented in Figure 3. The current zoning designation for the Site is R7X/R5-B, and is residential with a commercial overlay. The proposed redevelopment plan is consistent with the zone.

The proposed redevelopment will entail the construction of a new 9-story building, with a full basement. The basement will extend over the entire footprint of the Site. The new building will occupy the south portion of the Site. A setback for ground level parking, which will be above a basement level, will occupy the remainder of the Site. There will be no landscaped areas at the Site. The proposed use of the basement of the new building will consist mainly of parking, with mechanical equipment rooms and a laundry at the northernmost portion of the basement. Figure 4 shows the proposed use of the basement. Commercial tenants will occupy the ground floor of the building, and residential units will occupy the remaining floors above.

Excavation of soil for the full basement will extend to an approximate elevation of 85 feet (Borough of Queens Datum), which is 2.7525 feet above the U.S. Coast Geodetic Survey Mean Sea Level Datum at Sandy Hook. This elevation corresponds to 10 to 12

feet below the grade of the south portion of the Site and the adjacent sidewalk of Queens Boulevard. Excavation of soils for the elevator pits will be approximately 4½ feet below the bottom of the basement floor slab (i.e. elevation of 80.5). Prior to the RAWP implementation, soils at the northernmost portion of the Site had already have been excavated to the approximate top of the basement floor slab. Based on the existing grades of the Site at the time, the volume of remaining soils to be excavated was estimated to be approximately 4,000 cubic yards. No excavation is anticipated below the groundwater table, which is at least 50 feet below the proposed basement floor slab or 45.5 feet below the bottom of the elevator pits.

Summary of Past Uses of Site and Environmental Findings

According to Sanborn Fire Insurance maps, the Site is shown to be occupied by a stone yard from 1902 to 1932, an asphalt parking lot with no structures in 1951, and a used auto sales lot with a small one-story structure located at the northeast portion of the Site from 1982 to 2006. Knowledgeable sources reported that the Site had been utilized primarily for the sale of used automobiles. Several hydraulic oil lifts were reportedly present in the on-Site structure where minor repairs of automobiles presumably occurred prior to their sale.

The AOCs identified for the Site include:

1. The past use of the Site as a stone yard (majority of the Site), and for automobile repair - related operations
    a. The building formerly present in the northeast portion of the Site was known to house several hydraulic fluid lifts
2. Historic fill at the south, unexcavated portion of the Site.
3. Adjacent off-site current and historic auto repair operations to the north and to the east.

Summary of the Remedy

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 Soil Cleanup Objectives (SCOs).
4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
5. Excavated and removed soil/fill exceeding SCOs. Excavation was performed to a depth of at least 15 feet over the entire footprint of the Site.
6. Collected and analyzed end-point samples to determine the performance of the remedy with respect to attainment of SCOs. Track 1 SCOs were achieved in end point samples.
7. As part of new building construction, constructed an engineered composite cover consisting of 6-inch thick concrete building slab, underlain by a 1½-foot gravel bed, over the entire Site.
8. As part of new building construction, installed a vapor barrier system beneath the building slab and along south and west foundation sidewalls and portions of the north foundation sidewall.
9. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and this plan. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite.
10. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.
11. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.

12. Installed three (3) permanent groundwater monitoring wells (at completion of remedial excavation and prior to building slab installation) and collected representative groundwater samples from each well to evaluate impacts to groundwater quality from potential adjacent and upgradient sources of groundwater contamination.

13. Performed all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

14. Submitted a RAR that: certifies that the remedial requirements have been achieved; defines the Site boundaries and describes the remedial activities including any changes from the RAWP. Track 1 was achieved and no Engineering/Institutional Controls are applicable to the Site.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

52-01 LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 52-01 Queens Boulevard in the Woodside section of Queens, New York. A Remedial Investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A remedial action was performed pursuant to an OER-approved RAWP in a manner that has rendered the Site protective of public health and the environment consistent with the proposed use of the property. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

1.1 SITE LOCATION AND PRIOR USAGE

The Site is located in the Woodside section of Queens, New York and is identified as Block number 1321, Lot number 1 on the New York City Tax Map. Figure 1 is a Site location map. The Site is 12,000 square feet and is bounded by an automobile repair shop to the north, Queens Boulevard to the south, an automobile repair shop and two residential dwellings to the east, and 52nd Street to the west. At the time of the RAWP, the Site was a vacant lot, without any structures, and was fully enclosed by a perimeter fence. Figure 2, Site Plan, shows the current boundaries of the Site.

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed use of the Site will consist of a 9-story, mixed-use building, with commercial tenants on the ground floor and residential units on floors above. Layout of the proposed site development is presented in Figure 3. The current zoning designation for the Site is R7X/R5-B, and is residential with a commercial overlay. The proposed redevelopment plan is consistent with the zone.

The proposed redevelopment will entail the construction of a new 9-story building, with a full basement. The basement will extend over the entire footprint of the Site. The new building will occupy the south portion of the Site. A setback for ground level parking, which will be above a basement level, will occupy the remainder of the Site. There will be no landscaped areas at the Site. The proposed use of the basement of the new building will consist mainly of parking, with mechanical equipment rooms and a laundry at the northernmost portion of the basement. Figure 4 shows the proposed use of the basement. Commercial tenants will occupy the ground floor of the building, and residential units will occupy the remaining floors above.

Excavation of soil for the full basement will extended to an approximate elevation of 85 feet (Borough of Queens Datum), which is 2.7525 feet above the U.S. Coast Geodetic Survey Mean Sea Level Datum at Sandy Hook. This elevation corresponds to 10 to 12 feet below the grade of the south portion of the Site and the adjacent sidewalk of Queens Boulevard. Excavation of soils for the elevator pits will be approximately 4½ feet below the bottom of the basement floor slab (i.e. elevation of 80.5). Prior to the RAWP implementation, soils at the northernmost portion of the Site had already have been excavated to the approximate top of the basement floor slab. Based on the existing grades of the Site at the time, the volume of remaining soils to be excavated was estimated to be approximately 4,000 cubic yards. No excavation is anticipated below the groundwater table, which is at least 50 feet below the proposed basement floor slab or 45.5 feet below the bottom of the elevator pits.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

According to the OER Searchable Property Environmental E-Database (SPEED), there are no sensitive receptors, such as schools, hospitals and day care facilities within 500-foot radius of the Site.

Figure 5 shows the surrounding land usage.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called "*Remedial Investigation Report, 52-01 Queens Boulevard*, dated June 2012 (RIR).

Summary of Past Uses of Site and Areas of Concern

According to Sanborn maps, the subject site is shown to be occupied by a stone yard from 1902 to 1932, an asphalt parking lot with no structures in 1951, used auto sales lot with a small one-story structure located at the northeast portion of the property from 1982 to 2006. According to knowledgeable sources, the Site has been utilized primarily for the sale of used automobiles. Several hydraulic oil lifts reportedly were present in the on-site building where minor repairs of automobiles presumably occurred prior to their sale.

The AOCs identified for this Site include:

- The past use of the Site as a stone yard and automobile repair,
- Hydraulic oil lifts in the former on-site building at the northeast portion of the Site, and
- Historic and current use of surrounding properties as automobile repair

Summary of the Work Performed under the Remedial Investigation

The Remedial Investigation of the Site consisted of two distinct phases of work to characterize the Site in response to its "E" designation for hazardous materials. The initial subsurface investigation of the Site occurred in 2007 and 2008 to evaluate subsurface soil conditions and groundwater, if present within 30 feet below grade surface (bgs) at the Site. A subsequent subsurface investigation occurred in May and June 2012 to evaluate soil, soil gas and groundwater conditions at the Site.

Remedial Investigation of the Site included a geophysical survey across the entire Site to identify and locate underground storage tanks (USTs); installation of six soil borings, three temporary groundwater monitoring wells and three temporary vapor implants; and excavation of four (4) test pits. To evaluate subsurface conditions, the

Remedial Investigation (i.e. both phases) included the collection and analysis of 18 soil, 3 groundwater, and 3 soil gas samples.

Summary of Environmental Findings

Significant environmental findings of the RIR are summarized below.

1. Elevation of the Site ranges from approximately 89 to 100 feet (Borough of Queens Datum), which is 2.75 feet above the U.S. Coast Survey Mean Sea Level at Sandy Hook). The elevation of the Site slopes from south to north where excavation of soils for construction of the northernmost foundation wall of the new building had occurred.

2. Depth to perched groundwater ranges from 20 to 31 feet below ground surface (bgs) at the Site. Borings installed to 34 feet bgs have not encountered the water table. Due to subsurface obstructions, deeper borings for installation of permanent groundwater monitoring wells could not be installed by conventional drilling methods. Based on United States Geological Survey (USGS) report titled "Water Table Altitude in Kings and Queens Counties, New York, March 1997", the depth to the water table is likely 40 to 50 feet bgs.

3. As no permanent groundwater monitoring wells were installed during the initial site investigation, the actual direction of groundwater flow was unknown. Based on surface topography and the aforementioned USGS report, the anticipated direction of groundwater flow at the Site is to the southwest, towards the East River. Groundwater flow direction was confirmed during remedial construction, during which three (3) permanent groundwater monitoring wells were installed.

4. Depth to bedrock is approximately 200 feet at the Site according to available geological information (Bedrock and Engineering Geological Map, 1994, Baskerville, Charles). Bedrock was not encountered during any portion of either site investigation.

5. The stratigraphy of the site, from the surface down, consists of 2 to 4 feet of fill consisting mainly of bricks and stone, underlain by 28 feet of Upper Glacier Aquifer consisting of sand with some silts, pebbles and boulders.

6. Six (6) Soil/fill samples collected from the five (5) borings installed during the initial phase of the RI in 2007 showed no concentrations of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs) that were above their corresponding Part 375 Unrestricted Use/Track 1 SCOs. The only VOCs detected in the soil were acetone and methylene chloride, both common laboratory contaminants that incidentally were also found in the laboratory blank. Trace concentrations of polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were found in some soil samples. These PAHs included phenanthrene, fluoranthene, pyrene, benzo (a) anthracene, benzo (b) fluoranthene, benzo (k) fluoranthene, benzo (a) pyrene, and benzo (g,h,i) perylene. Concentrations of these PAHs were well within published values for historic fill and therefore their presence is likely attributable to historic fill.

7. Both grab and composite soil/fill samples collected from all test pits excavated during the subsequent phase of the RI in 2012 found no VOCs or metals above their corresponding Part 375 Unrestricted Use/Track 1 SCOs. The only VOCs detected in the soil samples were trace levels of toluene and acetone, and the presence of the latter is likely an artifact arising from laboratory contamination. No detectable concentrations of other VOCs, in particular tetrachloroethene (PCE), trichloroethene (TCE) and cis-1,2-Dichloroethane, were found in the soil samples.

8. Soil vapor samples collected during the 2012 RI did not contain detectable concentrations of carbon tetrachloride and 1,1,2,2-Tetrachloroethane. PCE was detected in all three (3) samples retrieved, at concentrations ranging from 15 to 83 micrograms per cubic meter ($\mu g/m^3$). TCE was only detected in one (1) of three (3) samples, at a concentration of 1 $\mu g/m^3$. The highest concentration of PCE was found at soil vapor implant SV-2 located at the easternmost portion of the Site and

closest to the off-site and adjacent auto repair facility to the East. Decay products of PCE and TCE were not identified in soil vapor. Low levels of several petroleum-associated compounds (below 25 ug/m3) were also identified in soil vapor. No detectable concentrations of any chlorinated solvents were found in the soil samples collected at the Site, but were found in groundwater which may indicate the presence of an offsite source. Concentrations of chlorinated solvents in the soil vapor were relatively low, which is inconsistent with a significant on-Site source.

9. All three (3) Groundwater samples collected during the 2012 phase of the RI revealed the presence of PCE, TCE and cis-1,2-Dichloroethane in perched groundwater at concentrations well above their Part 703.5 Class GA groundwater standards. Concentrations of PCE in the perched groundwater ranged from 252 to 882 microgram per liter (ug/L). Concentrations of TCE ranged from 2.1 to 10.4 ppb. Concentrations of cis-1,2-Dichloroethane ranged from 1.6 to 11.3 ug/L. The highest concentration of these chlorinated solvents was found at temporary well TW-3 located at the northernmost portion of the Site and closest to the off-site and adjacent auto repair facility to the North. As both on-site soil and soil vapor quality do not indicate the presence of TCE or PCE in detectable quantities, and given the current/former uses of surrounding properties, it is strongly believed that the contamination pathway of these chemicals originates from an off-site source. Site and logistical issues impeded the installation and development of permanent groundwater wells during the 2012 remedial investigation. As a result, three (3) perimeter permanent flush-mounted groundwater wells will be installed immediately after full site excavation has been achieved. Samples retrieved from these will be analyzed for the presence of VOCs, SVOCs, unfiltered/filtered metals, pesticides, and PCBs.

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and the RAWP, disposal of significant amounts of hazardous waste is not suspected at this site.

2.0 DESCRIPTION OF REMEDIAL ACTIONS

The factors considered during the selection of the remedial action included protection of human health, protection of the environment, compliance with standards, criteria, and guidelines (SCGs), short-term effectiveness and impacts, long-term effectiveness and permanence, reduction of toxicity, mobility, or volume of contaminated material, implementability, cost effectiveness, community acceptance, land use, and sustainability of the remedial action. The Site was remediated in accordance with the scope of work presented in an OER-approved Remedial Action Work Plan (RAWP) dated June 2012 and stipulations dated July 2, 2012. All deviations from the RAWP are noted below.

The following remedial actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Performed a Community Air Monitoring Program for particulates and volatile organic carbon compounds.
3. Established Track 1 Soil Cleanup Objectives (SCOs).
4. Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking & staking excavation areas.
5. Excavated and removed soil/fill exceeding SCOs. Excavation was performed to a depth of at least 15 feet over the entire footprint of the Site.
6. Collected and analyzed end-point samples to determine the performance of the remedy with respect to attainment of SCOs. Track 1 SCOs were achieved in end point samples.
7. As part of new building construction, constructed an engineered composite cover consisting of 6-inch thick concrete building slab, underlain by a 1½-foot gravel bed, over the entire Site.

8. As part of new building construction, installed a vapor barrier system beneath the building slab and along the south, and west foundation sidewalls and portions of the north foundation sidewall.

9. Transported and disposed all soil/fill material at permitted facilities in accordance with all applicable laws and regulations for handling, transport, and disposal, and this plan. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite.

10. Screened excavated soil/fill during intrusive work for indications of contamination by visual means, odor, and monitoring with a PID.

11. Implemented storm-water pollution prevention measures in compliance with applicable laws and regulations.

12. Installed three permanent groundwater monitoring wells (at completion of remedial excavation and before building slab installation) and collected representative groundwater samples from each well to evaluate impacts to groundwater quality from potential adjacent and upgradient sources of groundwater contamination.

13. Performed all activities required for the remedial action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

14. Submitted a RAR that: certifies that the remedial requirements have been achieved; defines the Site boundaries and describes the remedial activities including any changes from the RAWP. Track 1 was achieved and no Engineering/Institutional Controls are applicable to the Site.

3.0 COMPLIANCE WITH REMEDIAL ACTION WORK PLAN

3.1 HEALTH & SAFETY PLAN (HASP)

The remedial construction activities performed under this program were in compliance with the Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinator was Demetri Tsilogiannis.

3.2 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed in compliance with the Community Air Monitoring Plan in the approved RAWP. The results of Community Air monitoring are shown in Appendix 1.

3.3 SOIL/MATERIALS MANAGEMENT PLAN

The Soil/Materials Management Plan in the RAWP provided detailed plans for managing all soils/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in full compliance with the SMMP in the approved RAWP.

3.4 STORM-WATER POLLUTION PREVENTION

Storm water pollution prevention included physical methods and processes to control and/or divert surface water flows and to limit the potential for erosion and migration of Site soils, via wind or water. Remedial construction activities performed under this program were in full compliance with methods and processes defined in the RAWP for storm water prevention and applicable laws and regulations.

3.5 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

There were no deviations from the Remedial Action Work Plan (RAWP) other than the installation of the vapor barrier along the east wall of the new building. The vapor barrier was not installed along the new east foundation wall due to the need to install underpinning to the existing foundation wall of the east-adjacent property.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

52-01 LLC is the current owner of the Site. The excavation contractor was Duratech. The environmental contractor was Athenica Environmental. Principal personnel who participated in the remedial action include Reza Sharif, P.E. The Professional Engineer (PE) and Qualified Environmental Professionals (QEP) for this project are Reza Sharif and William Silveri, PG, CHMM.

For the vapor barrier installation, Reza Sharif, PE provided oversight. For the other components of the RAWP, William Silveri, the QEP, provided oversight.

4.2 SITE CONTROLS

Site Preparation

Site preparation was completed in accordance with the schedule indicated below:

- Mobilization was conducted as necessary for each phase of work at the Site. Mobilization included field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures Mobilization at the Site occurred on August 6th, 2012.
- Fencing was installed at the Site in 2007.
- Erosion and sedimentation controls were established on August 6th, 2012.
- Utility marker layout - The presence of utilities and easements on the Site was fully investigated prior to the performance of invasive work such as excavation or drilling under this plan by using, at a minimum, the One-Call System (811). Underground utilities may pose an electrocution, explosion, or other hazard during excavation or drilling activities. All invasive activities were performed in

compliance with applicable laws and regulations to assure safety. Utility companies and other responsible authorities were contacted to locate and mark the locations. Proper safety and protective measures pertaining to utilities and easements, and compliance with all laws and regulations were employed during invasive and other work. The integrity and safety of on-Site and off-Site structures were maintained during all invasive, excavation or other remedial activity performed under the RAWP. Utility marker layout was completed by August 6th, 2012.

- The building department issued a building permit for the Site on April 4, 2012.

A pre-construction meeting was held with all contractors on July 20, 2012. An OER Project Notice was erected at the project entrance and in place during all phases of the Remedial Action.

Soil Screening

Soil screening utilizing PID and field observations was performed by a Qualified Environmental Professional during excavation of soils for off-site disposal. Excavation of soils for off-site disposal occurred on August 9, 10, 13, 17, 20, 27-29, 3 and September 4, 6, 14, and 17 through 21. Visual and olfactory soil screening did not reveal any contaminated soil at the Site. Except for shallow historic fill within a former basement of a building located at the southeast portion of the Site, no soils or fill exhibited PID readings above background. At the southeast portion of the Site, PID readings taken on August 9th showed concentrations of VOCs above background (8.5 to 20 parts per million) within a former basement of an on-site structure. However, the historic fill exhibited no evidence of contamination (i.e. staining and odors) other than the PID readings. Screening of soils beneath the former basement of the building revealed no PID readings above background.

The results of the PID soil screening are included in Appendix 2.

Stockpile Management

The excavation of historic fill and soils was accomplished by directly loading the

material onto trucks for off-site disposal. Large boulders and recognizable C&D were stockpiled for off-site re-use. The stockpiles of these materials were kept covered as needed.

Truck Inspection

A gravel pad was installed and maintained at the Site entrance to prevent direct contact of truck wheels with Site soils. As necessary, trucks also were cleaned prior to departing the Site to prevent any off-Site migrations of contamination. Cleaning of the adjacent streets was performed as needed.

Site Security

Site access was controlled through gated entrance to the fenced property.

Nuisance Controls

There were no complaints of odor at the Site. On several occasions, elevated VOC measurements were detected from painting both at the Site and off-Site locations. Generally, dust levels at the Site were not detected at concentrations warranting corrective action. When elevated concentrations of particulates were detected, dust suppression measures were implemented and consisted of wetting soils being excavated and/or loaded for off-site disposal. Elevated CAMP readings were experienced on a single day during remediation. Proper precautionary actions were taken as a result. A dedicated hose connected to a fire hydrant provided water for dust suppression.

Reporting

Daily reports were prepared and submitted to OER for each day of activities involving soil disturbance. The daily reports included digital photographs of the remedial action, which are included in Appendix 3.

4.3 MATERIALS EXCAVATION AND REMOVAL

Track 1 Soil Cleanup Objectives (SCOs) were proposed for the Site. The SCOs for the Site are listed in Table 1.

In accordance with the RAWP, soils and fill were excavated to a depth of approximately 15 feet bgs over the entire footprint of the Site. Excavated materials included fill, brick foundation walls and concrete floors of former on-site buildings, and native soils consisting of glacial outwash sands, and boulders. Approximately 325 cubic yards of historic fill was excavated at the south portion of the Site and at a depth from grade to 2 to 4 feet bgs. Similarly, construction and demolition (C&D) debris was encountered at the south portion of the Site. Approximately 1,300 cubic yards of C&D debris and boulders were removed from the Site. Approximately, 2,800 cubic yards of native soil was removed from the Site for off-site reuse. Lastly, there was limited onsite reuse of native soil meeting Track 1 SCOs behind the foundation walls (approximately 500 cubic yards).

A map showing the location where excavations were performed is shown in Figure 6.

End Point Sample Results

Following excavation at the Site, end-point bottom soil samples were collected at six locations across the Site. The endpoint soil samples were collected using a hand-auger. A New York State ELAP certified lab was used for all end-point sample analyses. End-point samples were analyzed for trigger analytes (those for which SCO exceedence is identified).

Soil analytical methods were:

- Volatile organic compounds (VOCs) by EPA Method 8260;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- Target Analyte List (TAL) metals by EPA Methods 6010/7471; and
- Pesticides/PCBs by EPA Method 8081/8082.

A tabular summary of end-point sampling results is included in Tables 2 through 5, and end-point soil sampling locations are shown on Figure 7. The laboratory analytical report is provided as Attachment 4.

Significant findings and results of the end-point soil sampling are as follows:

- The subsurface soils exhibited no field evidence of petroleum of solvent contamination (i.e. staining, odors).
- End-point soil sampling results indicate that soil conditions achieved the Track 1 Part 375 Unrestricted Use Soil Cleanup Objective values.
- With the exception of acetone, no VOCs were found at detectable concentrations. Acetone is a common laboratory contaminant, and thus its presence in the soil samples is likely an artifact arising from laboratory contamination.
- Three SVOCs were found at detectable concentrations in two end-point soil samples, EP-3 and EP-6; however, the concentrations were well below their respective Track 1 Part 375 Unrestricted Soil Cleanup Objective values.
- No pesticides or PCBs were found at detectable concentrations in any of the end-point soil samples.
- Several metals were detected in all of the soil samples; however, the concentrations of all of these metals were well below their respective Track 1 Part 375 Unrestricted Soil Cleanup Objective values.

4.4 MATERIALS DISPOSAL

As indicated below, soils and fill were properly characterized for off-site disposal and/or re-use in accordance with the RAWP and/or specific requirements of the off-site disposal and/or reuse facilities. For characterization of soils and fill for off-site disposal, 12 test pits were excavated, and representative soil samples were collected from each test pit for laboratory analysis.

- An email dated June 4, 2012 that included results of waste classification sampling was sent to Clean Earth for its review and approval at its disposal facilities;
- A letter from Clean Earth dated July 30, 2012 indicated its approval to accept excavated material from the Site for disposal at its Carteret facility;

- Material disposal occurred at the Site on August 9, 10, 13-17, 20, 27-29, 31 and September 4, 6, 14, and 17-21.
- Native soils qualified for OER's Clean Soil Bank program and were utilized for off-Site reuse at Bush Terminal in Brooklyn and Fresh Kills in Staten Island. As stated in the RAP, recognizable construction and development debris and boulders were sent to Power Crush for off-Site reuse. Historic fill was sent to Clean Earth of Carteret.

The tonnage and destination of material removed and disposed off-Site is presented below:

Estimated Quantity (Cubic Yards)	Material Type	Disposal Facility Name and Location
1,295	Construction Demolition Debris and Stones	Power Crush – 140 Old Northport Road, Kings Park NY 11754
325	Historic Fill	Clean Earth of Carteret – 24 Middlesex Avenue, Carteret NJ 07008
2,040	Native Soil	New York Sand & Stone LLC – Brooklyn Navy Yard, Pier J, Brooklyn NY 11205
760	Native Soil	Fresh Kills Landfill – Staten Island NY

Letters from 52-01 LLC to disposal facility providing materials type, source and data, and acceptance letters from disposal facility stating it is approved to accept above materials are attached in Appendix 5. Copies of the Beneficial Use Determination (BUD) application from OER and the BUD obtained from the NYSDEC for re-use of the native

soil at Bush Terminal are included in Appendix 6. Manifests are included in Appendix 7. Table above shows the total quantities of each class of material removed from the Site and the disposal locations.

5.0 ENGINEERING CONTROLS

Engineering Controls are not required as this site has achieved Track 1 SCOs and associated cleanup. However, as part of construction, several activities were employed to address the potential for recontamination of the property from offsite. These are:

- a composite cover system consisting of concrete building slab;
- soil vapor barrier system;
- ventilated single-level underground parking garage below grade

Composite Cover System

As part of construction, an engineered composite cover system to be built on the Site. This composite cover system consisted of a concrete building floor slab over the entire footprint of the Site. The floor slab is six inches thick and will be underlain by 1½ feet of gravel bed.

Vapor Barrier

Migration of potential soil vapor derived from offsite sources will be mitigated with a combination of building slab and vapor barrier. The vapor barrier was installed beneath the building floor slab across the entire Site to prevent infiltration of vapor and moisture into the structure. The vapor barrier beneath the floor slab, south and west foundation walls, and portions of the north foundation wall was a Raven Industries Product called VapoBlock plus, a 20-mil liner specifically designed for volatile organic compounds and methane gas. An 8-mil water vapor/moisture barrier has been placed on the installed north foundation wall. Figure 8 shows the installation of the vapor barrier beneath the floor slab and foundation walls. Figure 9 shows the design details for the floor slab. Specifications and installation diagrams of the vapor barrier from the manufacturer are provided in Appendix 8.

Ventilation

A single level underground parking garage will be built underneath nearly the entire building and the basement area will be ventilated according to NYC building Code. The remaining areas of the basement outside of the garage also will be ventilated. The ventilation system for the basement will act as an additional engineering control to mitigate vapor intrusion.

7.0 GROUNDWATER INVESTIGATION

Between September 14th and September 20th, Athenica oversaw the installation of three permanent groundwater monitoring wells at the Site. The wells were assigned designation numbers MW-1, MW-2, and MW-3. The location of these wells is shown on Figure 10.

On September 28, 2012, Athenica collected representative groundwater samples from each well in order to further investigate the likely source and extent of solvent-related groundwater contamination identified by the RIR. These groundwater monitoring wells were installed at their proposed locations after soils had been excavated to proposed development depths and prior to installation of the composite cover system.

A motorized sonic drill rig was utilized to install the permanent groundwater monitoring wells on September 14, and 17 through 20, 2012. As indicated by Figure 8, two of the groundwater monitoring wells, MW-1 and MW-2, were located at the presumed upgradient and north and east perimeters of the Site. The purpose of these groundwater monitoring wells was to evaluate groundwater quality immediately downgradient of off-site and upgradient, potential sources of groundwater contamination (i.e. auto repair facilities). The third groundwater monitoring well, MW-3, was located at the southwest and presumed downgradient portion of the Site in order to evaluate the Site's overall impact to groundwater quality.

Groundwater was encountered at approximately 63 feet bgs and within a glacial till consisting of boulders, cobbles, and stones, with little or no fine sands, silts or clay. Monitoring wells MW-1 and MW-3 were installed to 75 feet bgs; MW-2 was installed to 70 feet bgs.

Well Construction

Groundwater monitoring wells were constructed of 2-inch, inner diameter Schedule 40 PVC with a 30-foot slotted PVC screen placed approximately 18 feet above and 12 feet below the groundwater table at monitoring wells MW-1 and MW-3, and

approximately 23 feet above and 7 below the water table at MW-2. A solid 2-inch diameter PVC riser extended from the top of the screen to approximately two feet above ground surface. A sand pack was placed around the well screens to an elevation of approximately two feet above the screen. A two-foot bentonite seal was placed atop the sand/gravel pack. A cement slurry was placed around the PVC riser from the bentonite seal to grade. The wells were finished with a steel flush-mounted manhole cover. Details of the temporary well construction are presented in Appendix 10.

Well Development

The groundwater monitoring wells were developed via purging a minimum of three well volumes. Purged water was containerized in a 55-gallon drum and disposed of at an appropriate off-site facility.

Groundwater Sampling Procedures

Groundwater sampling was performed approximately one week after well development. The groundwater monitoring wells were gauged for groundwater and/or free product levels. An oil-water interface probe was utilized to establish the depth to groundwater and/or product. No product was encountered.

Representative groundwater samples from each groundwater monitoring well were collected utilizing low-flow purging and sampling methods.

Each groundwater monitoring well was purged until water quality parameters, such as turbidity, conductivity, pH, and dissolved oxygen, were stabilized (10 percent variations or less) over three consecutive measurements while draw-down during purging is kept to a minimum (0.3 feet or less).

Groundwater samples from each groundwater monitoring well were placed into laboratory-supplied glassware, immediately stored in an ice-filled cooler, and delivered with a chain-of-custody documentation to an ELAP certified and accredited laboratory. The groundwater samples were analyzed for TCL VOC by Method 8260, TCL SVOC by Method 8270, dissolved TAL metals by Methods 6010/7471, and PCBs and pesticides by Methods 8081 and 8082.

Surveying

The groundwater monitoring well locations and top of casing elevations to the nearest 0.01 foot were surveyed. The groundwater well elevations and measured depths to water were utilized to determine the groundwater flow direction at the Site. The results are tabulated below:

Date	Well	Total Well Depth from top of casing (feet)	Screen Mid Point (feet)	Depth to Water (feet)	Top of Casing Elevation (feet)	GW Elevation (feet)
9/28/2012	MW-1	74.64	69.24	63.80	86.38	22.58
9/28/2012	MW-2	69.00	65.00	62.60	86.92	24.32
9/28/2012	MW-3	75.15	69.37	63.37	85.55	22.18

Results

Analytical results of groundwater samples are summarized in Tables 6 through 9. The laboratory analytical report is provided as Attachment 9. Exceedances of the Class GA groundwater standard/guidance values for VOCs are presented on Figure 11. Groundwater contours and groundwater flow direction are also presented on Figure 11.

Significant findings and results of the groundwater investigation are as follows:

- Depth to groundwater ranged from 62.6 to 63.8 feet below the bottom of the excavation (77.6 to 78.8 feet below original grade surface). Groundwater was present within glacial till deposits, consisting of boulders and large stones and little or no finer materials.
- Surveying of the well elevations and depth to groundwater measurements indicate that the direction of groundwater flow is from the southeast to the northwest at the Site. Based on this groundwater flow direction, the upgradient groundwater well is MW-2, located at the southeast corner of the Site. The downgradient

groundwater monitoring well is MW-3, located at the southwest portion of the Site.

- Concentrations of tetrachlorethene were detected above New York State Class GA Groundwater Standards in all groundwater samples. The highest concentration of tetrachlorethene (153 parts per billion or ppb) was found in MW-1 at the northeast portion of the Site, which was located closest to the upgradient property to the north. The next highest concentration of tetrachlorethene (84 ppb) in groundwater was found in MW-2, which was located closest to the upgradient property to the east. The lowest concentration of tetrachlorethene (26 ppb) was found in MW-3, located at the downgradient and southwestern portion of the Site.
- Concentrations of Cis-1,2-dichloroethene, a common degradation product of tetrachlorethene and/or trichloroethene, were detected above New York State Class GA Groundwater Standards in all groundwater samples. Concentrations of this chemical were approximately the same magnitude, ranging from 7 ppb in MW-1 to 11.3 ppb in MW-3.
- Chloroform was detected in the groundwater sample collected at MW-3 at a level exceeding its New York State (NYS) Class GA Groundwater Standard/Guidance Value of 7ug/L. Trichloroethene was detected in all three samples; however, it was not detected at levels exceeding the NYS Class GA Groundwater Standard/Guidance Value of 5ug/L. No detectable concentrations of other VOCs were found in any of the samples.
- No detectable concentrations of SVOCs were found in any of the groundwater samples.
- No detectable concentrations of pesticides or PCBs were found in any of the groundwater samples.
- Various secondary metals were found in the groundwater samples at concentrations exceeding New York State Class GA Groundwater Standards/Guidance values. The secondary metals exceeding Glass GA Groundwater Standards/Guidance values included magnesium, manganese, and sodium. These secondary metals are naturally occurring in groundwater and

therefore are not of concern. Several other metals were found in detectable concentrations, including barium, calcium, chromium, cobalt, and potassium; however, none of these metals were found at levels exceeding the NYS Class GA Groundwater Standard/Guidance Values (where applicable).

Conclusions

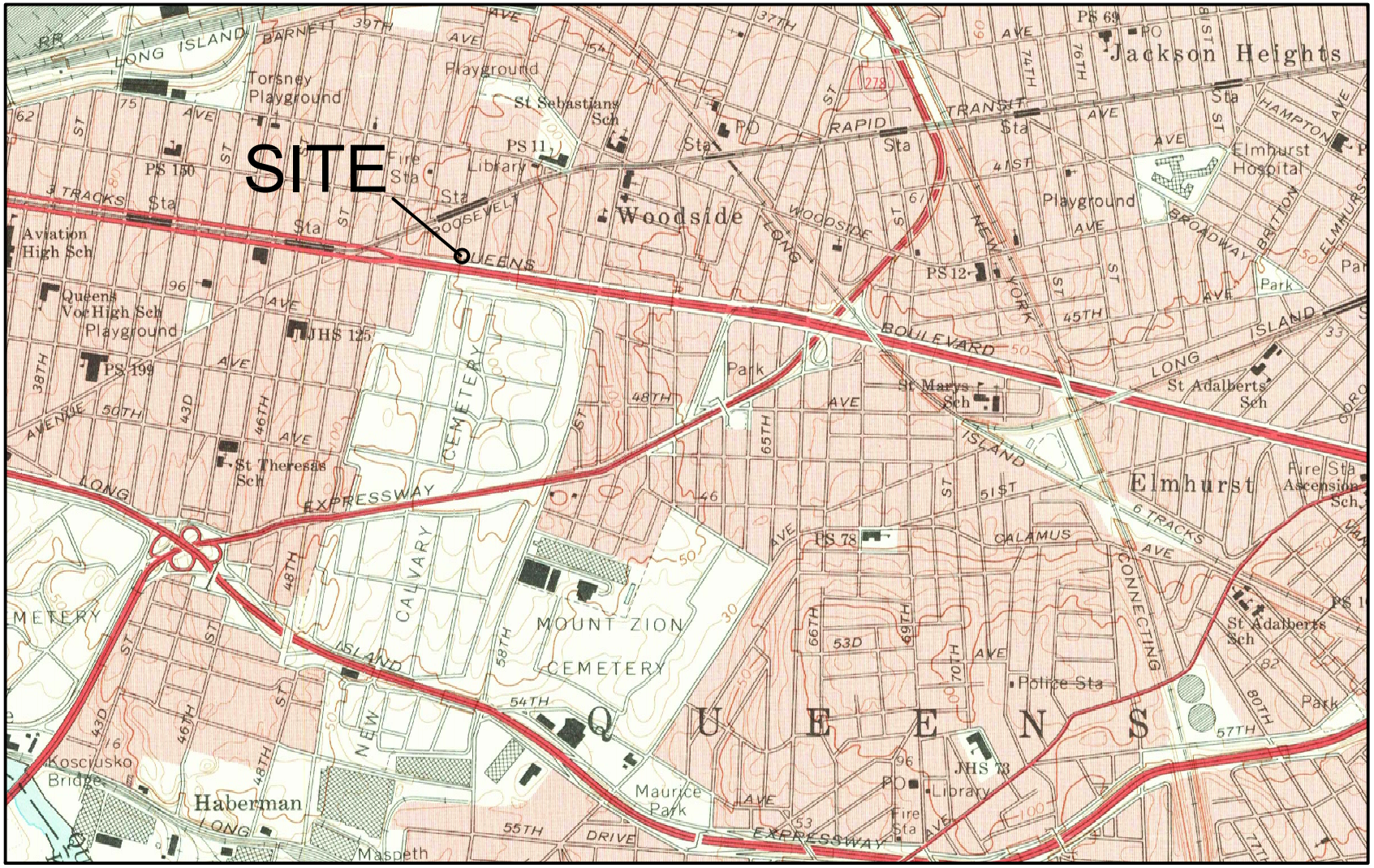
Groundwater sampling results indicate that the tetrachlorethene contamination in perched groundwater and soil vapor, as documented in the RIR, can be attributed to off-site sources to the north, to the east, or both. This conclusion is supported by the following findings and/or results:

1. Relatively higher concentrations of tetrachlorethene are present in the monitoring wells MW-1 and MW-2 located at the north and at the east perimeter of the Site. The upgradient well MW-2 at the southeast portion of the Site has the second highest concentration of tetrachlorethene at 84 ppb. Although MW-1 is cross-gradient to the groundwater flow, the tetrachlorethene contamination in this well also can be attributed to off-site contamination to the north due to its proximity to the north (within 15 feet of north property boundary) and depth to groundwater (over 60 feet). The lowest concentration of tetrachlorethene was found in the downgradient groundwater monitoring well MW-3 at the southwest portion of the Site. Due to these contamination levels, the intersection of 52nd Street and Queens Boulevard has been referred to New York State Department of Environmental Conservation, and will be designated as a “Potential” (or “P”) site.

2. No detectable concentrations of chlorinated solvents have been found in the soils at the Site, as indicated by soil sampling results of the RIR and subsequent discrete soil sampling for characterization of soils for off-site disposal.

3. Screening of soils during excavation revealed no field evidence (elevated PID readings, stained or odorous soils, etc.) indicative of solvent-related contamination.

FIGURES



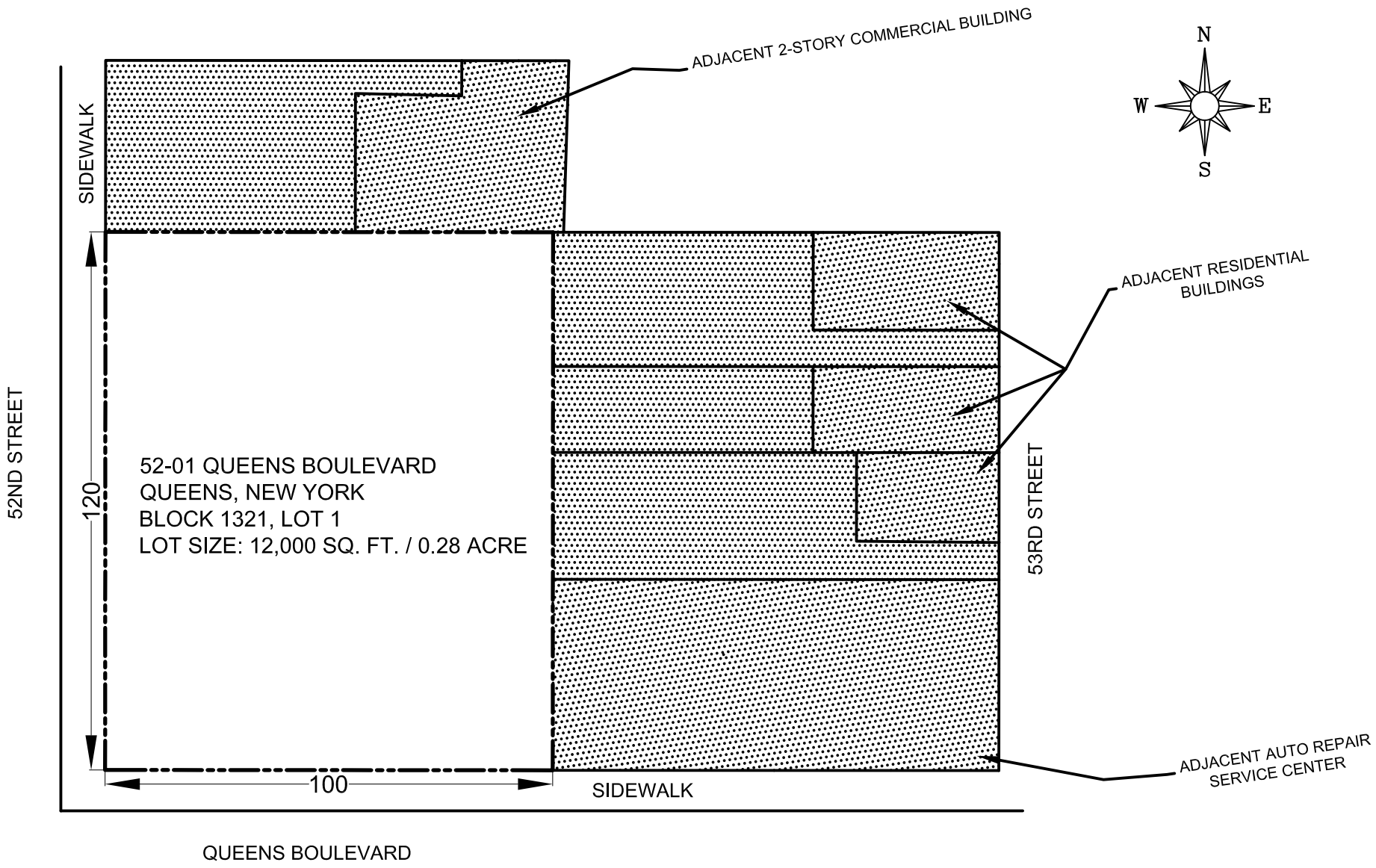
N
W E
S

SCALE:

0' 1750' 3500'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
46-09 Greenpoint Avenue, Long Island City, N.Y. 11104

DATE: SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Project No.: 12-0013	Figure: 1 Title: REMEDIAL ACTION REPORT PROJECT SITE LOCATION



Legend:

PROPERTY BOUNDARY

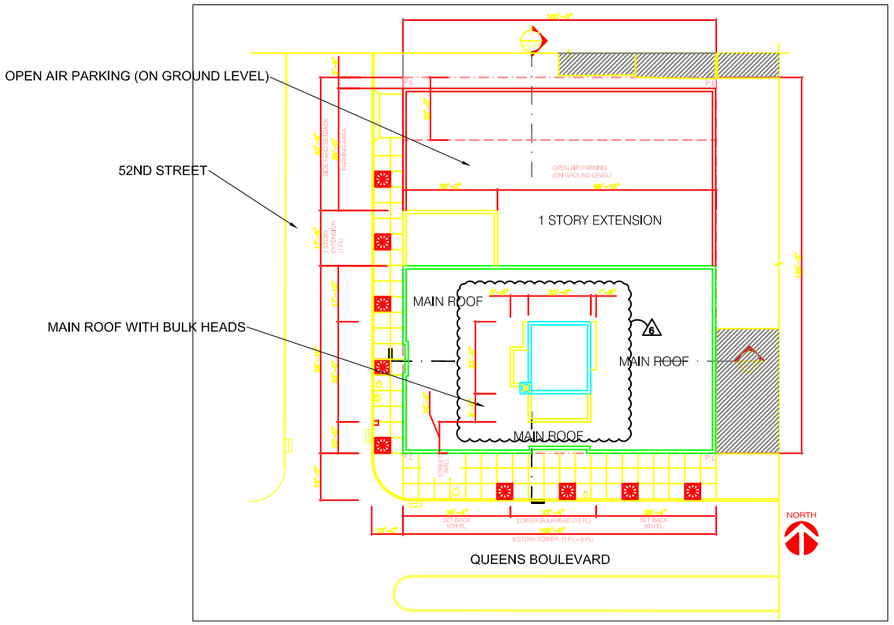
ADJACENT PROPERTIES

SCALE:

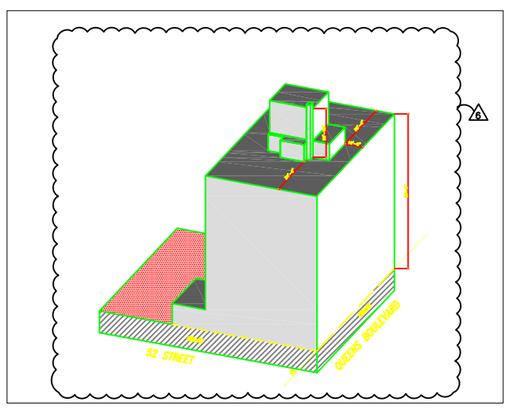
0 29.5' 59'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
46-09 Greenpoint Avenue, Long Island City, N.Y. 11104

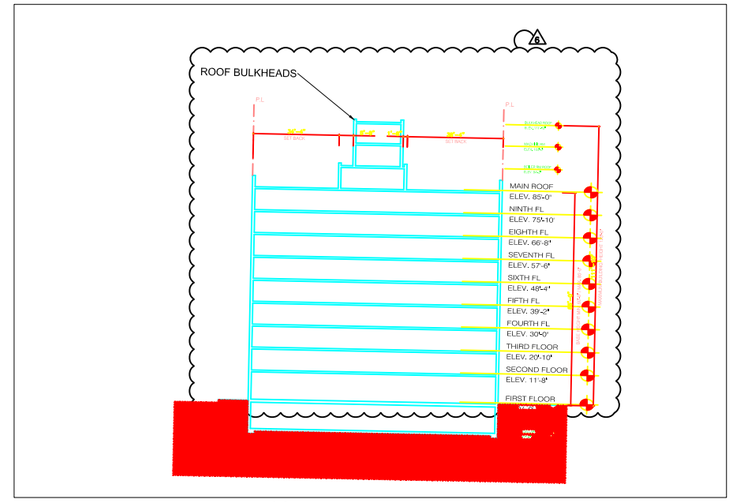
DATE: SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS , NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Drawing Scale:	Figure: 2
Project No.: 12-0013	Title: REMEDIAL ACTION REPORT SITE PLAN



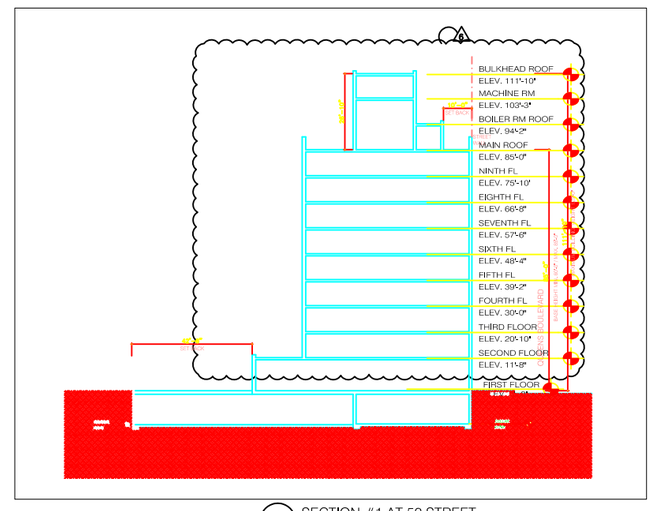
1 ZO-001 PLOT PLAN



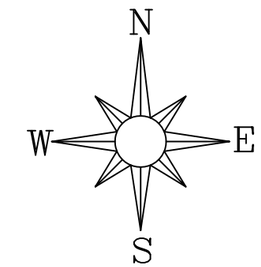
2 ZO-001 AXONOMETRIC DIAGRAM



3 ZO-001 SECTION #2 AT QUEENS BOULEVARD



4 ZO-001 SECTION #1 AT 52 STREET



NOTES:

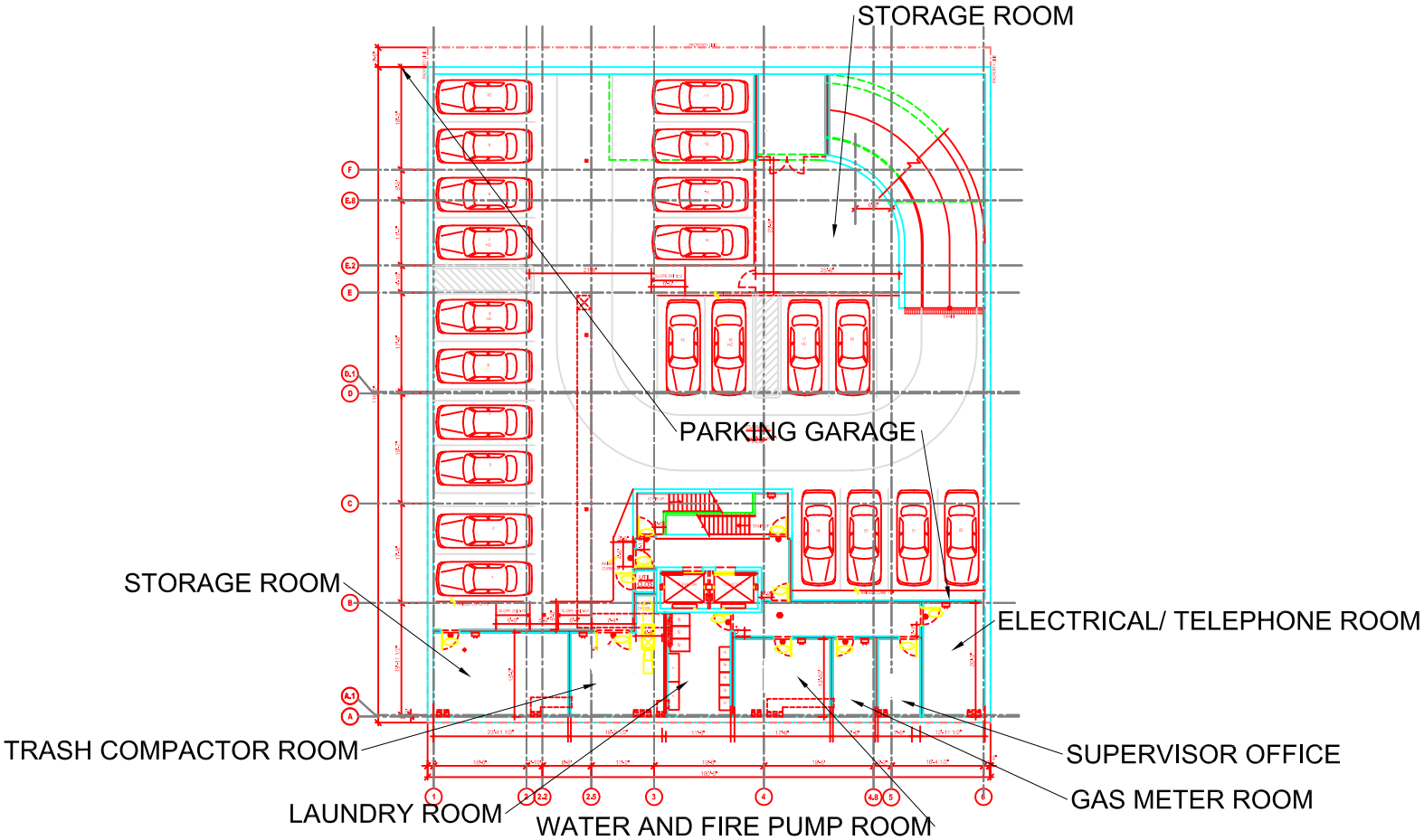
BASE MAP FOR FIGURE BASED ON DRAWING PREPARED BY ERNST ARCHITECT, PLLC DATED JULY 7, 2009

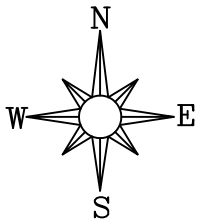
Scale:

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, N.Y. 11104

Date:	SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by:	SHANA HOLBERTON	
Checked by:	WILLIAM SILVERI	
Project No.:	12-0013	Figure: FIGURE 3 Title: REMEDIAL ACTION REPORT PROPOSED SITE DEVELOPMENT





NOTES:

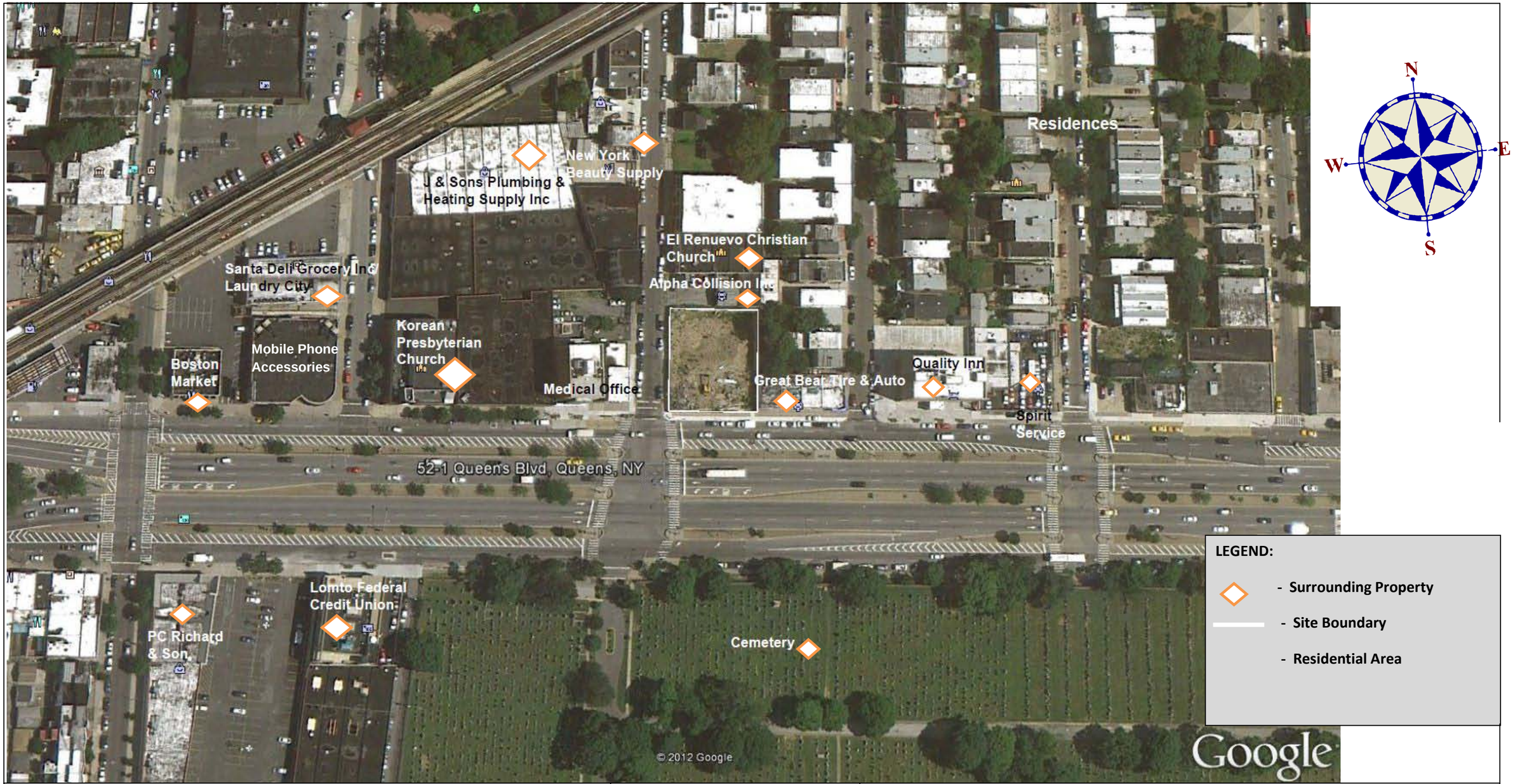
BASE MAP FOR FIGURE BASED ON DRAWING PREPARED BY ERNST ARCHITECT, PLLC DATED JULY 7, 2009

Scale:

NOT TO SCALE

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, NY, 11104

Date:	MAY 2, 2012	Site map:	52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by:	SHANA HOLBERTON		
Checked by:	WILLIAM SILVERI		
Drawing Scale:		Figure:	FIGURE 4
Project No.:	12-0013	Title:	REMEDIAL ACTION REPORT PROPOSED USE OF BASEMENT OF NEW BUILDING
Sheets in contract :			



ATHENICA ENVIRONMENTAL SERVICES, INC.

Environmental Consultants

DESIGNER: BASIM ALTEMIMI

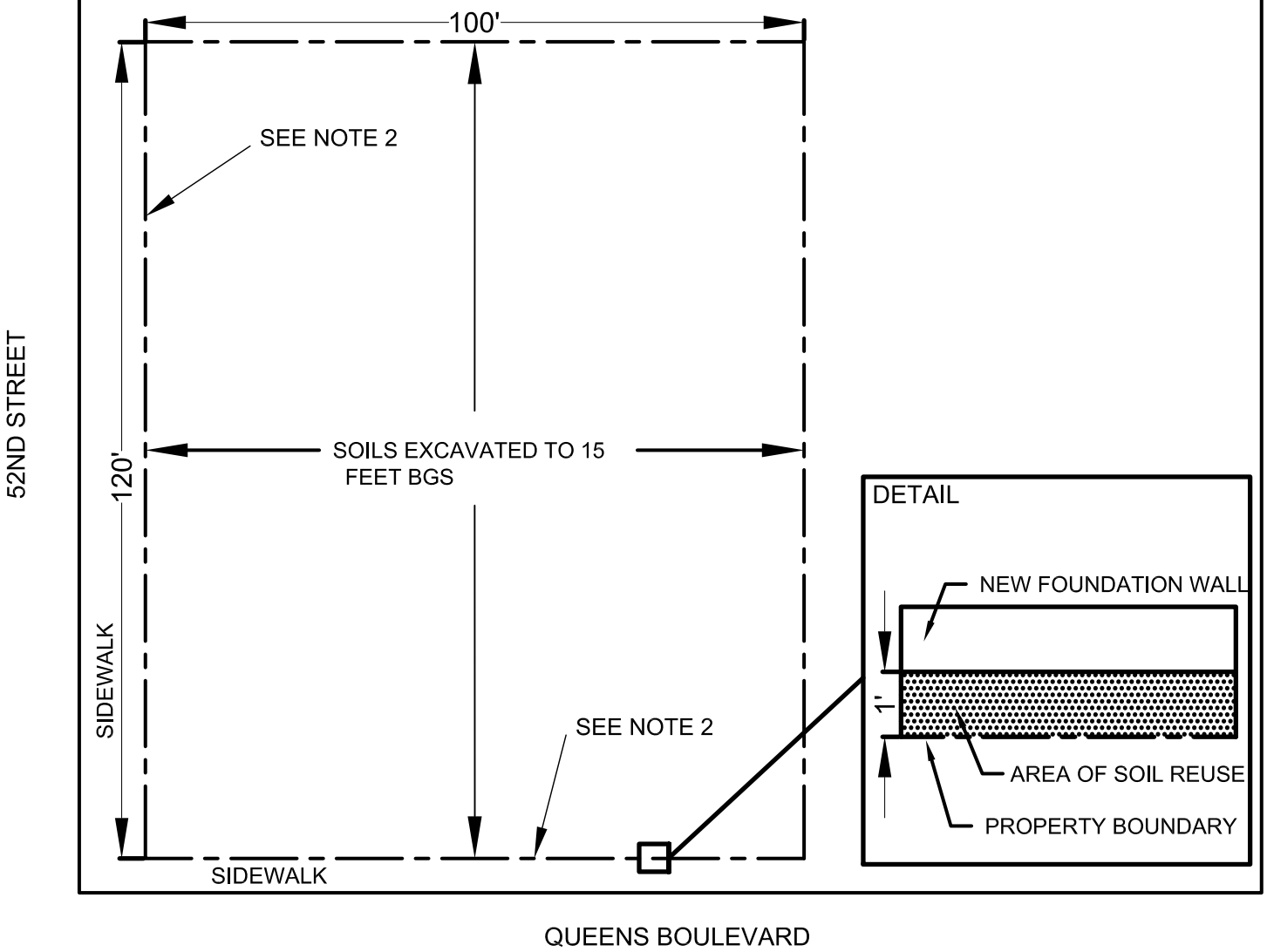
CHECKED BY: WILLIAM SILVERI

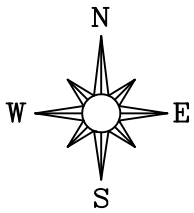
SITE MAP: 52-01 Queens Boulevard

Figure 5 Queens, NY 11377

TITLE: **REMEDIAL ACTION REPORT**

Surrounding Area Map





NOTES:

1. SOILS EXCAVATED TO APPROXIMATELY 15 FEET BELOW GROUND SURFACE (BGS)
2. CLEAN NATIVE SOILS WERE UTILIZED AS BACKFILL FOR THE 1-FOOT WIDE SPACE BETWEEN THE FOUNDATION PERIMETER WALL AND THE PROPERTY BOUNDARY ALONG 52ND STREET AND QUEENS BOULEVARD

Legend:

PROPERTY BOUNDARY

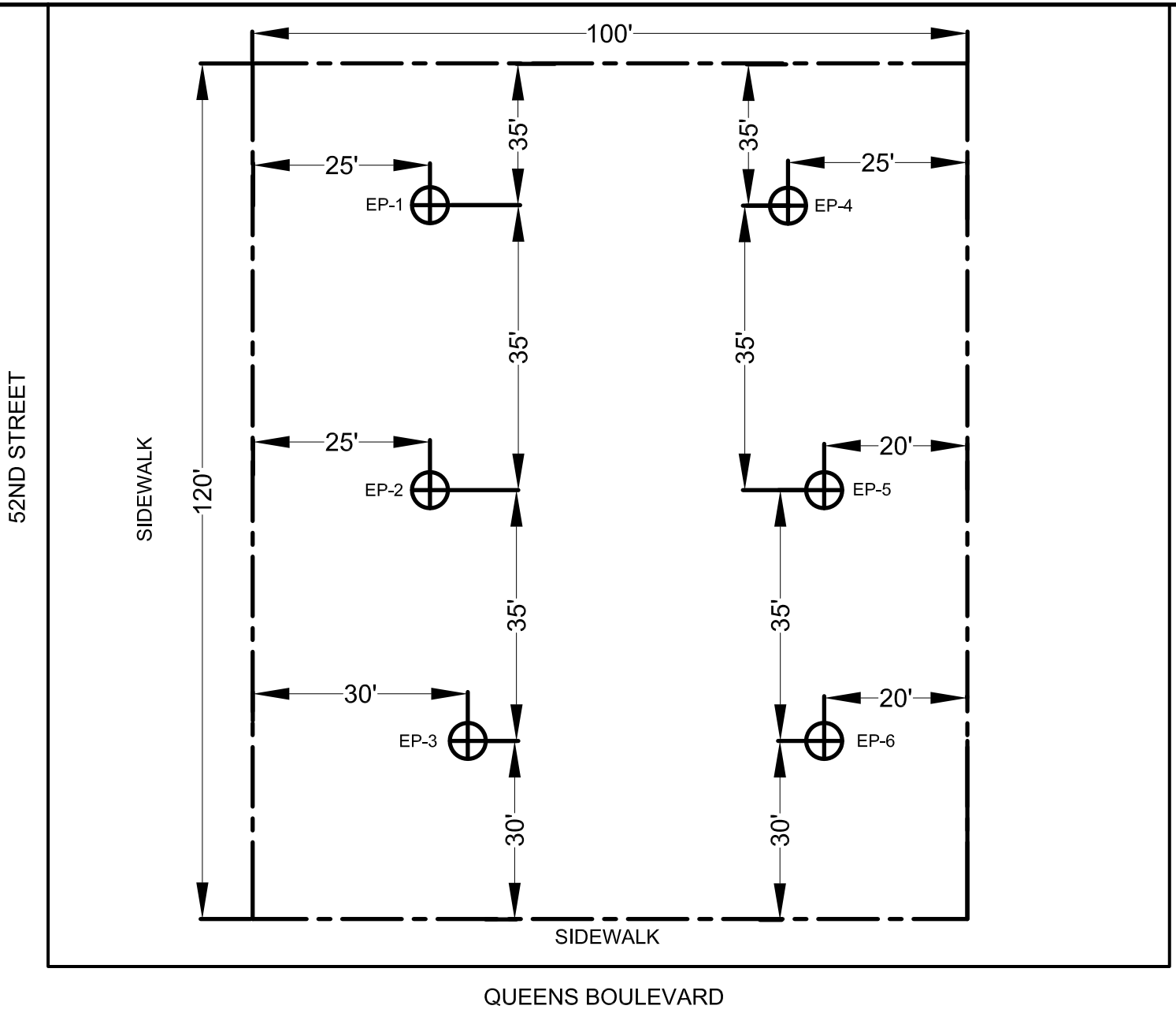
BGS BELOW GROUND SURFACE

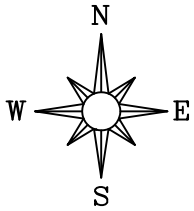
SCALE:

0' 35' 70'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
46-09 Greenpoint Avenue, Long Island City, N.Y. 11104

DATE: SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS , NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Project No.: 12-0013	Figure: 6
	Title: REMEDIAL ACTION REPORT EXCAVATIONS / BACKFILL





NOTE:

1. END-POINT SOIL SAMPLES WERE COLLECTED FROM THE EXCAVATION BOTTOM AT APPROXIMATELY 15 FEET BGS

2. END-POINT SOIL SAMPLES WERE COLLECTED UTILIZING A HAND AUGER

Legend:

PROPERTY BOUNDARY

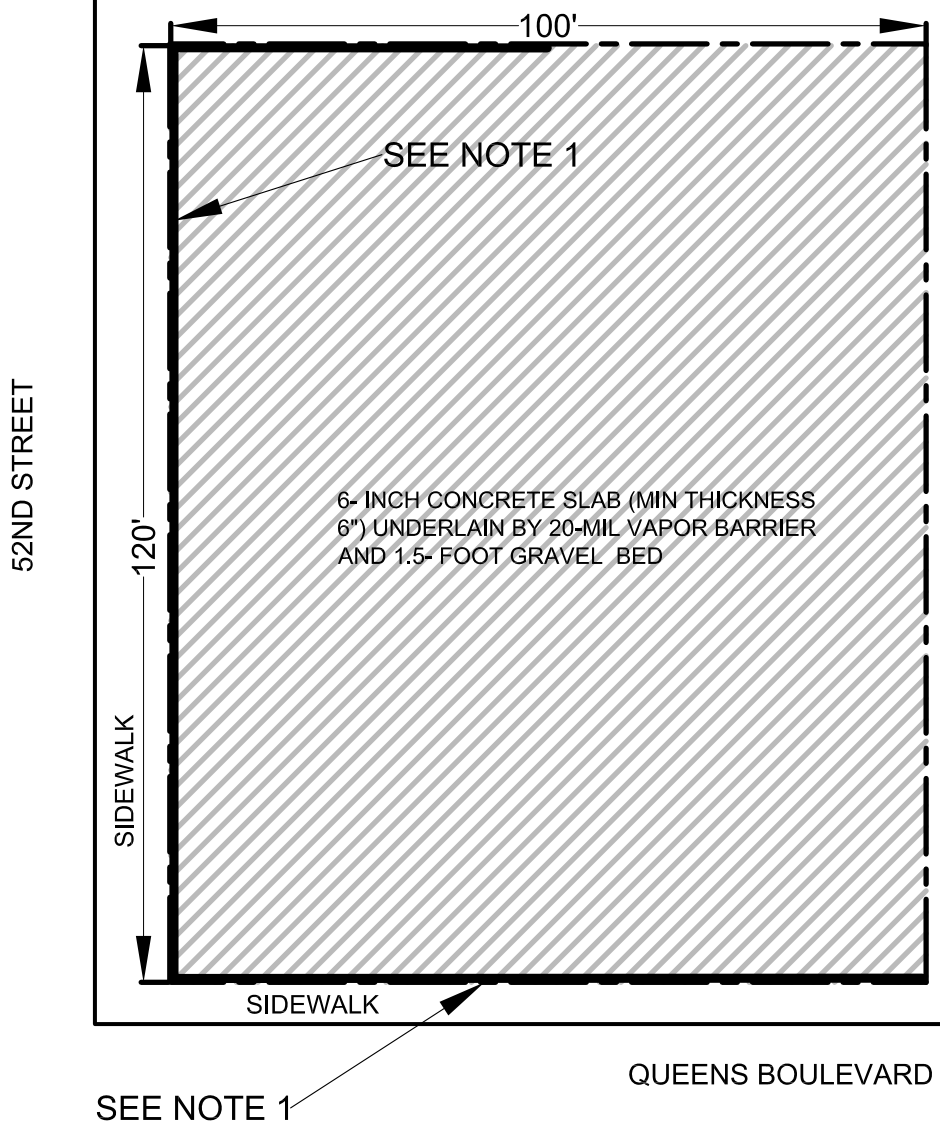
EP-X END-POINT SOIL SAMPLING LOCATION AND DESIGNATION NUMBER

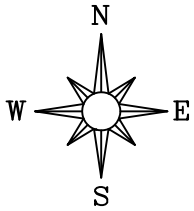
BGS BELOW GROUND SURFACE

SCALE: 0 20' 40'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
46-09 Greenpoint Avenue, Long Island City, N.Y. 11104

DATE: SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS , NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Project No.: 12-0013	Figure: 7
	Title: REMEDIAL ACTION REPORT MAP OF END-POINT SOIL SAMPLING LOCATIONS





53RD STREET

NOTES:

1. **VAPOR BARRIER WAS INSTALLED ALONG THE WEST AND SOUTH PERIMETER FOUNDATION WALLS AND PORTIONS OF THE NORTH FOUNDATION WALL**

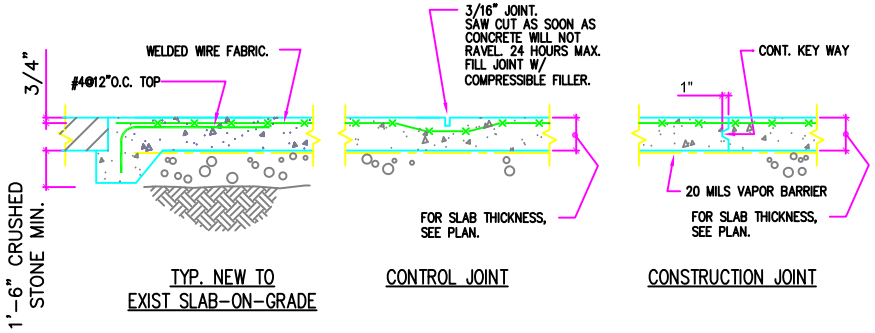
2. **THE VAPOR INSTALLED BENEATH THE BASEMENT FLOOR SLAB AND BEHIND FOUNDATION WALLS WAS VAPOR BLOCK ® PLUS ™20, 20- MIL LINER MANUFACTURED BY RAVEN INDUSTRIES AND DESIGNED FOR MITIGATION OF VOLATILE ORGANIC COMPOUNDS**

Legend:
- PROPERTY BOUNDARY
- 6-INCH THICK CONCRETE SLAB UNDERLAIN BY 20-MILVAPORBARRIER
- EXTENT OF VAPOR BARRIER ALONG FOUNDATION WALLS

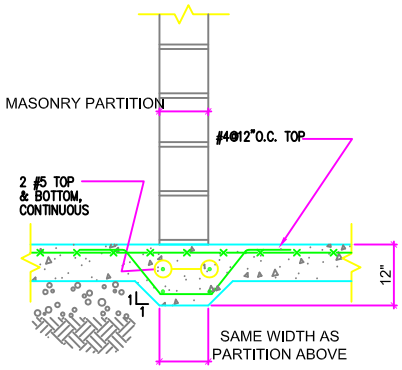
SCALE: 0' 35'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
46-09 Greenpoint Avenue, Long Island City, N.Y. 11104

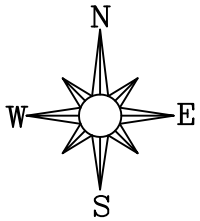
DATE: SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS , NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Project No.: 12-0013	Figure: 8 Title: FINAL REMEDIAL ACTION REPORT MAP OF COVER SYSTEM



TYPICAL SLAB-ON-GRADE DETAILS

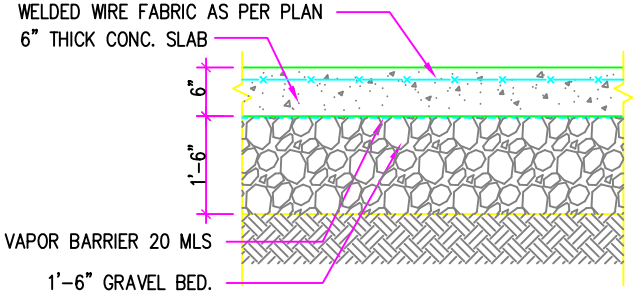


NON-BEARING MASONRY SUPPORTED BY SLAB-ON-GRADE



NOTES:

BASE MAP FOR FIGURE BASED ON DRAWING PREPARED BY ERNST ARCHITECT, PLLC DATED JULY 7, 2009



TYPICAL SECTION CELLAR FLOOR SLAB

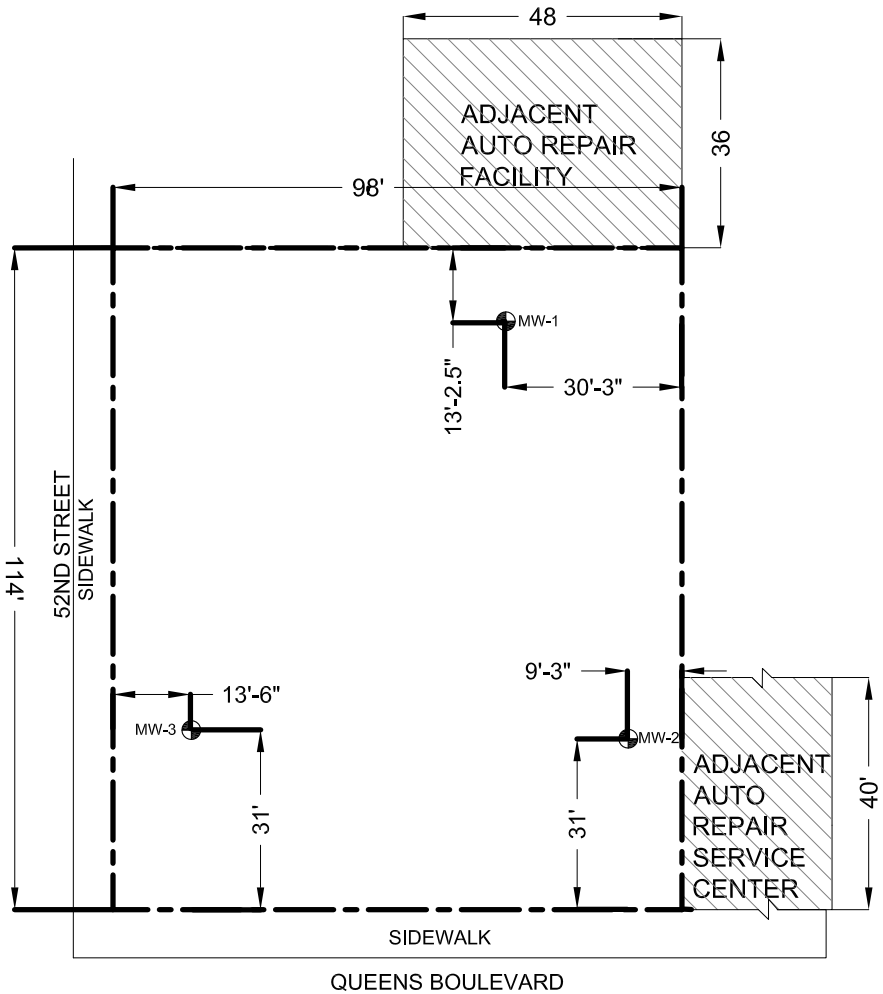
NOTE: CELLAR FLOOR SLAB TO BE 4000 PSI STONE CONCRETE

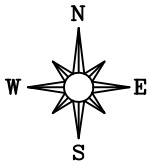
Scale:

SCALE: AS NOTED

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, NY, 11104

Date:	SEPTEMBER 26, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by:	SHANA HOLBERTON	
Checked by:	WILLIAM SILVERI	
Project No.:	12-0013	Figure: FIGURE 9 Title: FINAL REMEDIAL ACTION REPORT DESIGN DETAIL FOR THE FLOOR SLAB





NOTES:

1. PERMANENT GROUNDWATER MONITORING WELLS WERE INSTALLED AFTER COMPLETION OF SOIL EXCAVATION AT INDICATED LOCATIONS.

2. GROUNDWATER MONITORING WELLS WERE INSTALLED FROM 70 TO 75 FEET BELOW THE BOTTOM OF THE EXCAVATION.

Legend:

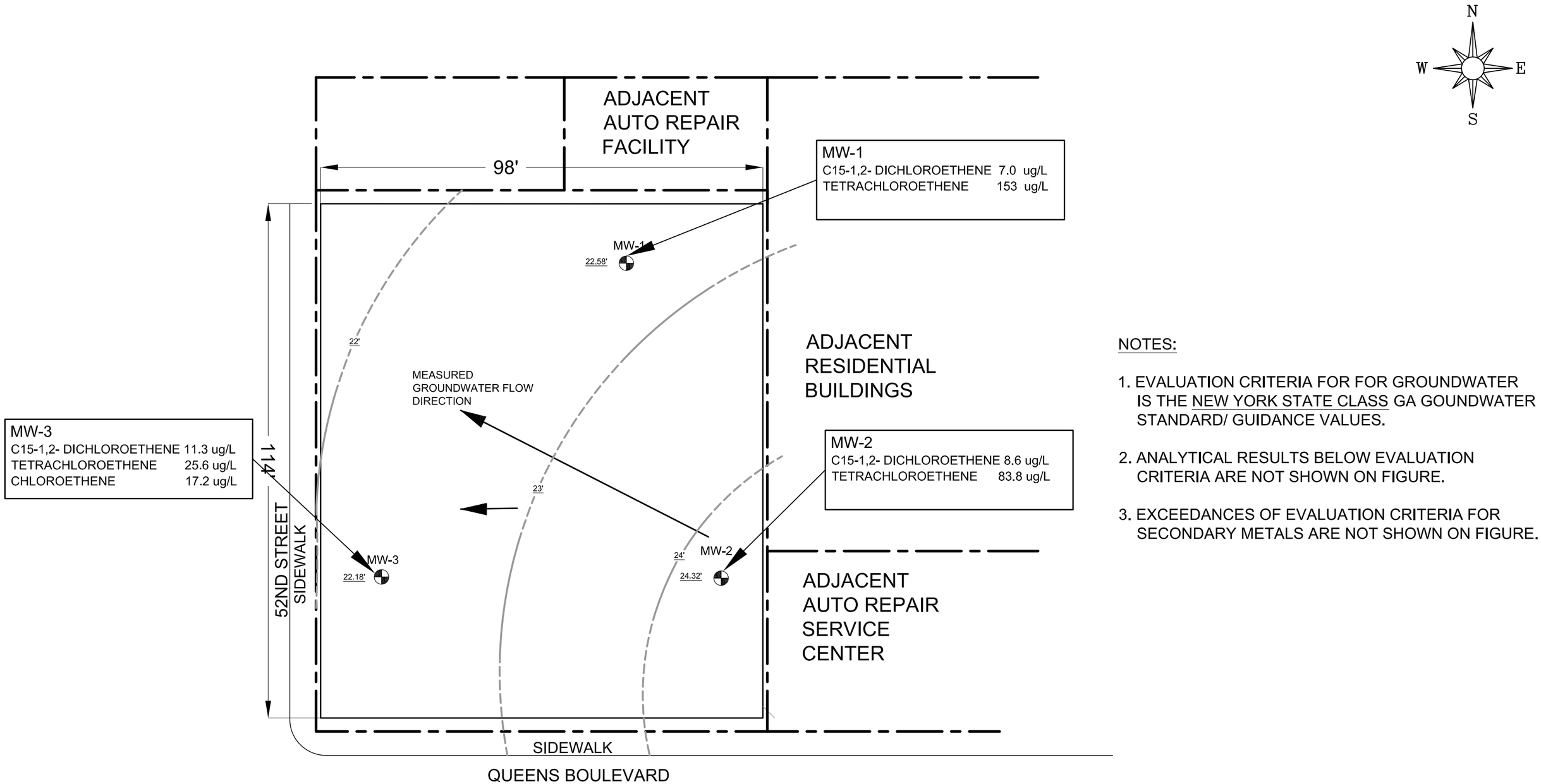
BUILDING FOUNDATION WALL BOUNDARY

PERMANENT GROUNDWATER MONITORING WELL LOCATION/ AND DESIGNATION NUMBER

SCALE:
0 23.5' 47'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, NY, 11104

DATE: OCTOBER 11, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by: SHANA HOLBERTON	
Checked by: WILLIAM SILVERI	
Project No.: 12-0013	Figure: 10
	Title: FINAL REMEDIAL ACTION REPORT PERMANENT GROUNDWATER MONITORING WELL LOCATIONS



NOTES:

1. EVALUATION CRITERIA FOR FOR GROUNDWATER IS THE NEW YORK STATE CLASS GA GOUNDWATER STANDARD/ GUIDANCE VALUES.
2. ANALYTICAL RESULTS BELOW EVALUATION CRITERIA ARE NOT SHOWN ON FIGURE.
3. EXCEEDANCES OF EVALUATION CRITERIA FOR SECONDARY METALS ARE NOT SHOWN ON FIGURE.

Legend:

- PROPERTY BOUNDARY
- WALL OF SITE BUILDING
- µg/L MICROGRAMS PER LITER
- PERMANENT GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION NUMBER
- 23' GROUNDWATER LEVEL CONTOUR LINE
- MEASURED GROUNDWATER FLOW DIRECTION

SCALE: 0 23.5' 47'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, N.Y. 11104

DATE: OCTOBER 10, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS, NEW YORK 11377
Drawn by: BASIM ALTEMIMI	
Checked by: NAHUM KEDEM	
Project No.: 12-0013	Figure: 11
	Title: REMEDIAL ACTION REPORT MAP OF GROUNDWATER SAMPLING RESULTS AND GROUNDWATER CONTOURS

TABLES

Table 1
Soil Cleanup Objectives (SCOs)
52-01 Queens Boulevard
Queens, New York 11377

Contaminant	CAS Number	NYSDEC Part 375-1 for Unrestricted Use (ppm)
Volatile Organic Compounds		
1,1,1-Trichloroethane	71-55-6	0.68
1,1-Dichloroethane	75-34-3	0.27
1,1-Dichloroethene	75-35-4	0.33
1,2-Dichlorobenzene	95-50-1	1.1
1,2-Dichloroethane	107-06-2	0.02
cis-1,2-Dichloroethene	156-59-2	0.25
trans-1,2-Dichloroethene	156-60-5	0.19
1,3-Dichlorobenzene	541-73-1	2.4
1,4-Dichlorobenzene	106-46-7	1.8
1,4-Dioxane	123-91-1	0.1
Acetone	67-64-1	0.05
Benzene	71-43-2	0.06
Butylbenzene	104-51-8	12
Carbon tetrachloride	56-23-5	0.76
Chlorobenzene	108-90-7	1.1
Chloroform	67-66-3	0.37
Ethylbenzene	100-41-4	1
Hexachlorobenzene	118-74-1	0.33
Methyl ethyl ketone	78-93-3	0.12
Methyl tert-butyl ether	1634-04-4	0.93
Methylene chloride	75-09-2	0.05
n-Propylbenzene	103-65-1	3.9
sec-Butylbenzene	135-98-8	11
tert-Butylbenzene	98-06-6	5.9
Tetrachloroethene	127-18-4	1.3
Toluene	108-88-3	0.7
Trichloroethene	79-01-6	0.47
1,2,4-Trimethylbenzene	95-63-6	3.6
1,3,5-Trimethylbenzene	108-67-8	8.4
Vinyl chloride	75-01-4	0.02
Xylene (mixed)	1330-20-7	0.26
Semivolatile Organic Compounds		
Acenaphthene	83-32-9	20
Acenapthylene	208-96-8	100
Anthracene	120-12-7	100
Benz(a)anthracene	56-55-3	1
Benzo(a)pyrene	50-32-8	1
Benzo(b)fluoranthene	205-99-2	1
Benzo(g,h,i)perylene	191-24-2	100
Benzo(k)fluoranthene	207-08-9	0.8
Chrysene	218-01-9	1
Dibenz(a,h)anthracene	53-70-3	0.33
Fluoranthene	206-44-0	100
Fluorene	86-73-7	30

Table 1
Soil Cleanup Objectives (SCOs)
52-01 Queens Boulevard
Queens, New York 11377

Contaminant	CAS Number	NYSDEC Part 375-1 for Unrestricted Use (ppm)
Ideno(1,2,3-cd)pyrene	193-39-5	0.5
m-Cresol	108-39-4	0.33
Naphthalene	91-20-3	12
o-Cresol	95-48-7	0.33
p-Cresol	106-44-5	0.33
Pentachlorophenol	87-86-5	0.8
Phenanthrene	85-01-8	100
Phenol	108-95-2	0.33
Pyrene	129-00-0	100
Pesticides/PCBs		
2,4,5-TP Acid (Silvex)	93-72-1	3.8
4,4'-DDE	72-55-9	0.0033
4,4'-DDT	50-29-9	0.0033
4,4'-DDD	72-54-8	0.0033
Aldrin	309-00-2	0.005
alpha-BHC	319-84-6	0.02
beta-BHC	319-85-7	0.036
Chlordane (alpha)	5103-71-9	0.094
delta-BHC	319-86-8	0.04
Dibenzofuran	132-64-9	7
Dieldrin	60-57-1	0.005
Endosulfan I	959-98-8	2.4
Endosulfan II	33213-65-9	24
Endosulfan sulfate	1031-07-8	24
Endrin	72-20-8	0.014
Heptachlor	76-44-8	0.042
Lindane	58-89-9	0.1
Polychlorinated biphenyls	1336-36-3	1
Metals		
Arsenic	7440-38-2	13
Barium	7440-39-3	350
Beryllium	7440-41-7	7.2
Cadmium	7440-43-9	2.5
Chromium hexavalent	18540-29-9	1
Chromium trivalent	16065-83-1	30
Copper	7440-50-8	50
Total Cyanide		27
Lead	7439-92-1	63
Manganese	7439-96-5	1600
Total Mercury		0.18
Nickel	7440-02-0	30
Selenium	7782-49-2	3.9
Silver	7440-22-4	2
Zinc	7440-66-6	109

Table 2
Summary of End Point Soil Sampling Results
Target Compound List Volatile Organic Compounds
52-01 Queens Boulevard
Queens, New York 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	Part 375 Unrestricted Use ppm	EP-1 (D) 9990285001 9/25/2012 9/26/2012 ppm	EP-1 9990285002 9/25/2012 9/26/2012 ppm	EP-2 9990285003 9/25/2012 9/26/2012 ppm	EP-3 9990285004 9/25/2012 9/26/2012 ppm	EP-4 9990285005 9/25/2012 9/26/2012 ppm	EP-5 9990285006 9/25/2012 9/26/2012 ppm	EP-6 9990285007 9/25/2012 9/26/2012 ppm
Acetone	0.05	0.0154	0.0171	0.0177	0.0237	0.0101	0.0209	0.0338
Benzene	0.06	ND	ND	ND	ND	ND	ND	ND
Bromchloromethane	NC	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND	ND
Bromoform	NC	ND	ND	ND	ND	ND	ND	ND
Bromomethane	NC	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	NC	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.76	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	ND	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	NC	ND	ND	ND	ND	ND	ND	ND
Chloroethane	NC	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.37	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	NC	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene See Note 2	1.1	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene See Note 2	2.4	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene See Note 2	1.8	ND	ND	ND	ND	ND	ND	ND
1 2-Dichlorobenzene	1.1	ND	ND	ND	ND	ND	ND	ND
1 3-Dichlorobenzene	2.4	ND	ND	ND	ND	ND	ND	ND
1 4-Dichlorobenzene	1.8	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	NC	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	NC	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	NC	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl Ether	0.93	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	NC	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	0.05	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	ND	ND	ND	ND	ND	ND	ND
Styrene	NC	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NC	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	0.26	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.47	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	0.02	ND	ND	ND	ND	ND	ND	ND
o-Xylene	NC	ND	ND	ND	ND	ND	ND	ND
m/p-Xylenes	NC	ND	ND	ND	ND	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
PPM - Parts Per Million or Milligram/Kilogram

Notes
1: Evaluation criteria for soil sample results is the NYSDEC Part 375 Values for Unrestricted Use
2: Indicated VOC compounds analyzed by USEPA method 8260/5035.

Table 3
Summary of End Point Soil Sampling Results
Target Compound List Semi-Volatile Organic Compounds
52-01 Queens Boulevard
Queens, New York 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	Part 375 Unrestricted Use ppm	EP-1 (D) 9990285001 9/25/2012 9/26/2012 ppm	EP-1 9990285002 9/25/2012 9/26/2012 ppm	EP-2 9990285003 9/25/2012 9/26/2012 ppm	EP-3 9990285004 9/25/2012 9/26/2012 ppm	EP-4 9990285005 9/25/2012 9/26/2012 ppm	EP-5 9990285006 9/25/2012 9/26/2012 ppm	EP-6 9990285007 9/25/2012 9/26/2012 ppm
Acenaphthene	20	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	100	ND	ND	ND	ND	ND	ND	ND
Anthracene	100	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	1	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	100	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.8	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	NC	ND	ND	ND	ND	ND	ND	ND
Butylbenzylphthalate	NC	ND	ND	ND	ND	ND	ND	ND
Carbazole	NC	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NC	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	NC	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	NC	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	NC	ND	ND	ND	ND	ND	ND	ND
bis(2-Chloroethyl)ether	NC	ND	ND	ND	ND	ND	ND	ND
bis (2-Chloroisopropyl)ether	NC	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	NC	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NC	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	NC	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	NC	ND	ND	ND	ND	ND	ND	ND
Chrysene	1	ND	ND	ND	ND	ND	ND	ND
mp-Cresol	NC	ND	ND	ND	ND	ND	ND	ND
o-Cresol	NC	ND	ND	ND	ND	ND	ND	ND
mp-Cresol	0.33	ND	ND	ND	ND	ND	ND	ND
o-Cresol	0.33	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	NC	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	NC	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	0.33	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	NC	ND	ND	ND	ND	ND	ND	ND
3,3-Dichlorobenzidine	NC	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	NC	ND	ND	ND	ND	ND	ND	ND
2 4-Dichlorophenol	NC	ND	ND	ND	ND	ND	ND	ND
Diethylphthalate	NC	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	NC	ND	ND	ND	ND	ND	ND	ND
2 4-Dimethylphenol	NC	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	NC	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
2 4-Dinitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NC	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NC	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	NC	ND	ND	ND	0.755	ND	ND	ND
Fluoranthene	100	ND	ND	ND	ND	ND	ND	0.0776
Fluorene	30	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	NC	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	NC	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	NC	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	NC	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	ND	ND	ND	ND	ND	ND	ND
Isophorone	NC	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	NC	ND	ND	ND	ND	ND	ND	ND
2-Methyl-4 6-dinitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	NC	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	NC	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	NC	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	NC	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	NC	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	NC	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	NC	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	NC	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	100	ND	ND	ND	ND	ND	ND	ND
Phenol	0.33	ND	ND	ND	ND	ND	ND	ND
Phenol	0.33	ND	ND	ND	ND	ND	ND	ND
Pyrene	100	ND	ND	ND	ND	ND	ND	0.0672
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND	ND
2 4 5-Trichlorophenol	NC	ND	ND	ND	ND	ND	ND	ND
2 4 6-Trichlorophenol	NC	ND	ND	ND	ND	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
PPM - Parts Per Million or Milligram/Kilogram
Notes
1: Evaluation criteria for soil sample results is the NYSDEC Part 375 Values for Unrestricted Use
2: Indicated SVOC compounds analyzed by USEPA method SW846 8270D.

Table 4

Summary of End Point Soil Sampling Results

Pesticides/PCBs

52-01 Queens Boulevard

Queens, New York 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	Part 375 Unrestricted Use (ppm)	EP-1 (D) 9990285001 9/25/2012 9/26/2012 (ppm)	EP-1 9990285002 9/25/2012 9/26/2012 (ppm)	EP-2 9990285003 9/25/2012 9/26/2012 (ppm)	EP-3 9990285004 9/25/2012 9/26/2012 (ppm)	EP-4 9990285005 9/25/2012 9/26/2012 (ppm)	EP-5 9990285006 9/25/2012 9/26/2012 (ppm)	EP-6 9990285007 9/25/2012 9/26/2012 (ppm)
PESTICIDES								
Aldrin	0.005	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	0.02	ND	ND	ND	ND	ND	ND	ND
beta-BHC	0.036	ND	ND	ND	ND	ND	ND	ND
delta-BHC	0.04	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	0.1	ND	ND	ND	ND	ND	ND	ND
alpha -Chlordane	0.094	ND	ND	ND	ND	ND	ND	ND
gamma-Chlordane	0.094	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	0.0033	ND	ND	ND	ND	ND	ND	ND
4,4-DDE	0.0033	ND	ND	ND	ND	ND	ND	ND
4,4-DDT	0.0033	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.005	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	2.4	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	2.4	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	2.4	ND	ND	ND	ND	ND	ND	ND
Endrin	0.014	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NC	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	NC	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.042	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.042	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	NC	ND	ND	ND	ND	ND	ND	ND
Mirex	NC	ND	ND	ND	ND	ND	ND	ND
Toxaphene	NC	ND	ND	ND	ND	ND	ND	ND
PCB's								
Aroclor-1016	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	0.1	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	0.1	ND	ND	ND	ND	ND	ND	ND

Legend

NC - No criterion for evaluation of analytical parameter

ND- Analyte not detected

PPM - Parts Per Million or Milligram/Kilogram

Notes

1: Evaluation criteria for soil sample results is the NYSDEC Part 375 Values for Unrestricted Use.

2: Indicated Pesticides and PCB compounds analyzed by USEPA method SW846 8081B and SW846 8082A.

Table 5

Summary of End Point Soil Sampling Results

Target Analyte List Metals

52-01 Queens Boulevard

Queens, New York 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	Part 375 Unrestricted Use (ppm)	EP-1 (D) 9990285001 9/25/2012 9/26/2012 (ppm)	EP-1 9990285002 9/25/2012 9/26/2012 (ppm)	EP-2 9990285003 9/25/2012 9/26/2012 (ppm)	EP-3 9990285004 9/25/2012 9/26/2012 (ppm)	EP-4 9990285005 9/25/2012 9/26/2012 (ppm)	EP-5 9990285006 9/25/2012 9/26/2012 (ppm)	EP-6 9990285007 9/25/2012 9/26/2012 (ppm)
Aluminum	NC	6,210	4,570	5,990	4,700	4,670	4,730	7,060
Antimony	NC	ND	ND	ND	ND	ND	ND	ND
Arsenic	13	ND	ND	2.2	ND	ND	ND	ND
Barium	350	40.2	34.6	40.5	32.8	30.0	41.2	41.3
Beryllium	7.2	ND	ND	ND	ND	ND	ND	ND
Cadmium	2.5	ND	ND	ND	ND	ND	ND	ND
Calcium	NC	1,490	1,270	23,400	1,670	1,140	1,550	1,590
Chromium (total)	NC	12.1	10.2	12.3	13.4	12.9	13.3	13.5
Cobalt	NC	4.1	3.5	4.7	4.2	4.2	5.2	3.9
Copper	50	9.3	9.1	10.8	10.9	10.1	10.9	10.7
Iron	NC	10,600	9,320	13,500	11,100	11,100	11,500	10,200
Lead	63	3.9	2.9	7.1	7.1	3.4	3.4	7.1
Magnesium	NC	1,800	1,650	13,600	1,780	1,930	2,050	1,780
Manganese	1600	257	242	269	252	251	291	284
Mercury	0.18	ND	ND	ND	ND	ND	ND	ND
Nickel	30	9.9	8.6	11.0	9.6	10.1	11.1	9.5
Potassium	NC	1,200	937	1,180	869	819	1,220	1,480
Selenium	3.9	ND	ND	ND	ND	ND	ND	ND
Silver	2	ND	ND	ND	ND	ND	ND	ND
Sodium	NC	151	113	132	87.9	72.6	101	138
Thallium	NC	ND	ND	ND	ND	ND	ND	ND
Vanadium	NC	17.8	15.8	19.0	20.1	17.6	20.4	19.8
Zinc	109	19.5	16.2	26.0	23.0	19.8	19.1	22.1

Legend

NC - No criterion for evaluation of analytical parameter

ND - Analyte not detected

PPM - Parts Per Million or Milligram/Kilogram

Notes

1: Evaluation criteria for soil sample results is the NYSDEC Part 375 for Unrestricted Use.

2: Indicated Metals analyzed by USEPA method SW846 6010C.

Table 6
Groundwater Sampling Results
Target Compound List VOCs
52-01 Queens Boulevard
Queens, NY 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	TOGS GA Standard/ Guidance	MW-1, S-1 9990879001 9/28/2012 9/28/2012	MW-2, S-1 9990879002 9/28/2012 9/28/2012	MW-3, S-1 9990879003 9/28/2012 9/28/2012
VOLATILE ORGANIC COMPOUNDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Acetone	50	ND	ND	ND
Benzene	**1**	ND	ND	ND
Bromochloromethane	NC	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND
Bromoform	50	ND	ND	ND
Bromomethane	**5**	ND	ND	ND
2-Butanone (Methyl Ethyl Ketone)	50	ND	ND	ND
Carbon Disulfide	NC	ND	ND	ND
Carbon Tetrachloride	**5**	ND	ND	ND
Chlorobenzene	**5**	ND	ND	ND
Chlorodibromomethane	NC	ND	ND	ND
Chloroethane	**5**	ND	ND	ND
Chloroform	**7**	ND	ND	**17.2**
Chloromethane (Methyl Chloride)	**5**	ND	ND	ND
1,2-Dibromo-3-Chloropropane	**0.04**	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)	**0.0006**	ND	ND	ND
1,2-Dichlorobenzene	**3**	ND	ND	ND
1,3-Dichlorobenzene	**3**	ND	ND	ND
1,4-Dichlorobenzene	**3**	ND	ND	ND
1,1-Dichloroethane	**5**	ND	ND	ND
1,2-Dichloroethane	**0.6**	ND	ND	ND
1,1-Dichloroethene	**5**	ND	ND	ND
cis-1,2-Dichloroethene	**5**	**7**	**8.6**	**11.3**
trans-1,2-Dichloroethene	**5**	ND	ND	ND
1,2-Dichloropropane	**1**	ND	ND	ND
cis-1,3-Dichloropropene	**0.4**	ND	ND	ND
trans-1,3-Dichloropropene	**0.4**	ND	ND	ND
Ethylbenzene	**5**	ND	ND	ND
2-Hexanone	50	ND	ND	ND
4-Methyl-2-Pentanone (MIBK)	NC	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND
Styrene	**5**	ND	ND	ND
1,1,2,2-Tetrachloroethane	**5**	ND	ND	ND
Tetrachloroethene	**5**	**153**	**83.8**	**25.6**
Toluene	**5**	ND	ND	ND
Xylene (total)	**5**	ND	ND	ND
1,1,1-Trichloroethane	5	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND
Trichloroethene	5	2.9	5.0	2.1
Vinyl Chloride	**2**	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
Bold shaded values exceed evaluation criteria

Notes
1: Evaluation criteria for groundwater results is New York State Class GA Groundwater Standard/Guidance Values presented in Technical and Operational Guidance Series 1.1.1.
2: Bolded TOGS value represents a Class GA Standard. Unbolded TOGs Value represents a Class GA Guidance value.
3: Indicated VOC compounds analyzed by USEPA method SW846 8260B.

Table 7
Groundwater Sampling Results
Target Compound List SVOCs
52-10 Queens Boulevard
Queens, NY 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	TOGS GA Standard/ Guidance	MW-1, S-1 9990879001 9/28/2012 9/28/2012	MW-2, S-1 9990879002 9/28/2012 9/28/2012	MW-3, S-1 9990879003 9/28/2012 9/28/2012
SEMI-VOLATILE ORGANIC COMPOUNDS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Acenaphthene	20	ND	ND	ND
Acenaphthylene	NC	ND	ND	ND
Anthracene	50	ND	ND	ND
Benzo(a)anthracene	**0.002**	ND	ND	ND
Benzo(a)pyrene	**0.002**	ND	ND	ND
Benzo(b)fluoranthene	**0.002**	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND
Benzo(k)fluoranthene	**0.002**	ND	ND	ND
4-Bromophenyl-phenylether	NC	ND	ND	ND
Butylbenzylphthalate	50	ND	ND	ND
Carbazole	NC	ND	ND	ND
4-Chloro-3-methylphenol	NC	ND	ND	ND
4-Chloroaniline	**5**	ND	ND	ND
bis(2-Chloroethoxy)methane	**5**	ND	ND	ND
bis(2-Chloroisopropyl)ether	**5**	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND
2-Chlorophenol	NC	ND	ND	ND
4-Chlorophenyl-phenylether	NC	ND	ND	ND
Chrysene	0.002	ND	ND	ND
mp-Cresol	NC	ND	ND	ND
o-Cresol	NC	ND	ND	ND
Di-n-butylphthalate	**50**	ND	ND	ND
Di-n-octyl phthalate	**50**	ND	ND	ND
Dibenz(a,h)anthracene	NC	ND	ND	ND
Dibenzofuran	NC	ND	ND	ND
3,3-Dichlorobenzidine	NC	ND	ND	ND
2,4-Dichlorophenol	**5**	ND	ND	ND
Diethylphthalate	50	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND
2,4-Dinitrophenol	10	ND	ND	ND
2,4-Dinitrotoluene	**5**	ND	ND	ND
2,6-Dinitrotoluene	**5**	ND	ND	ND
bis(2-Ethylhexyl)phthalate	**5**	ND	ND	ND
Fluoranthene	50	ND	ND	ND
Fluorene	50	ND	ND	ND
Hexachlorobenzene	**0.04**	ND	ND	ND
Hexachlorobutadiene	**0.5**	ND	ND	ND
Hexachlorocyclopentadiene	**5**	ND	ND	ND
Hexachloroethane	**5**	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.002**	ND	ND	ND
Isophorone	50	ND	ND	ND
4,6-Dinitro-2-methylphenol	NC	ND	ND	ND
2-Methylnaphthalene	NC	ND	ND	ND
Naphthalene	10	ND	ND	ND
2-Nitroaniline	**5**	ND	ND	ND
3-Nitroaniline	**5**	ND	ND	ND
4-Nitroaniline	**5**	ND	ND	ND
Nitrobenzene	**0.4**	ND	ND	ND
2-Nitrophenol	**1**	ND	ND	ND
4-Nitrophenol	**1**	ND	ND	ND
N-Nitroso-di-n-propylamine	NC	ND	ND	ND
N-Nitrosodiphenylamine	NC	ND	ND	ND
Pentachlorophenol	**1**	ND	ND	ND
Phenanthrene	50	ND	ND	ND
Phenol	**1**	ND	ND	ND
Pyrene	50	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND
2,4,5-Trichlorophenol	**1**	ND	ND	ND
2,4,6-Trichlorophenol	**1**	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
Bold shaded values exceed evaluation criteria

Notes
1: Evaluation criteria for groundwater results is the New York State Class GA Groundwater Standard/Guidance Values presented in Technical and Operational Guidance Series 1.1.1.
2: Bolded TOGS value represents a Class GA Standard. Unbolded TOGs Value represents a Class GA Guidance Value
3: Indicated SVOC compounds analyzed by USEPA method SW846 8270D.

Table 8
Groundwater Sampling Results
Pesticides/PCBs
52-10 Queens Boulevard
Queens, NY 11377

SAMPLE NAME **LAB SAMPLE ID** **DATE RECEIVED BY LAB** **SAMPLE DATE**	**TOGS** **GA Standards**	MW-1, S-1 9990879001 9/28/2012 9/28/2012	MW-2, S-1 9990879002 9/28/2012 9/28/2012	MW-3, S-1 9990879003 9/28/2012 9/28/2012
PESTICIDES	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Aldrin	ND	ND	ND	ND
alpha-BHC	0.01	ND	ND	ND
beta-BHC	0.04	ND	ND	ND
delta-BHC	0.04	ND	ND	ND
gamma-BHC (Lindane)	0.05	ND	ND	ND
alpha-Chlordane	NC	ND	ND	ND
gamma-Chlordane	NC	ND	ND	ND
Dieldrin	0.004	ND	ND	ND
4,4-DDD	0.3	ND	ND	ND
4,4-DDE	0.2	ND	ND	ND
4,4-DDT	0.2	ND	ND	ND
Endrin	ND	ND	ND	ND
Endosulfan Sulfate	NC	ND	ND	ND
Endrin aldehyde	5	ND	ND	ND
Endrin ketone	5	ND	ND	ND
Endosulfan I	NC	ND	ND	ND
Endosulfan II	NC	ND	ND	ND
Heptachlor	0.04	ND	ND	ND
Heptachlor epoxide	0.03	ND	ND	ND
Methoxychlor	35	ND	ND	ND
Toxaphene	0.06	ND	ND	ND
PCBs				
Aroclor-1016	0.09	ND	ND	ND
Aroclor-1221	0.09	ND	ND	ND
Aroclor-1232	0.09	ND	ND	ND
Aroclor-1242	0.09	ND	ND	ND
Aroclor-1248	0.09	ND	ND	ND
Aroclor-1254	0.09	ND	ND	ND
Aroclor-1260	0.09	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
Bold shaded values exceed evaluation criteria

Notes
1: Evaluation criteria for groundwater results is New York State Class GA Groundwater Standard/Guidance Value presented in Technical and Operational Guidance Series 1.1.1.
2: Bolded TOGS value represents a Class GA Standard. Unbolded TOGs Value represents a Class GA Guidance Value
3: Indicated Pesticide compounds and PCB compounds analyzed by USEPA methods SW846 8081B and SW846 8082A, respectively.

Table 9
Groundwater Sampling Results
Dissolved Target Analyte List Metals
52-10 Queens Boulevard
Queens, NY 11377

SAMPLE NAME LAB SAMPLE ID SAMPLE DATE DATE RECEIVED BY LAB	TOGS GA Standard/ Guidance	MW-1, S-1 9990879001 9/28/2012 9/28/2012	MW-2, S-1 9990879002 9/28/2012 9/28/2012	MW-3, S-1 9990879003 9/28/2012 9/28/2012
METALS	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Aluminum	NC	ND	ND	ND
Antimony	3	ND	ND	ND
Arsenic	25	ND	ND	ND
Barium	1,000	220	160	170
Beryllium	3	ND	ND	ND
Cadmium	5	ND	ND	ND
Calcium	NC	94,100	104,000	71,700
Chromium	50	ND	ND	12
Cobalt	NC	ND	57	ND
Copper	200	ND	ND	ND
Iron	300	ND	ND	120
Lead	25	ND	ND	ND
Magnesium	35,000	**43,900**	**39,700**	26,600
Manganese	300	93	**500**	**340**
Mercury	0.7	ND	ND	ND
Nickel	100	ND	ND	ND
Potassium	NC	3,200	4,300	4,100
Selenium	10	ND	ND	ND
Silver	50	ND	ND	ND
Sodium	20,000	**193,000**	**156,000**	**20,100**
Thallium	0.5	ND	ND	ND
Vanadium	NC	ND	ND	ND
Zinc	2,000	ND	ND	ND

Legend
NC - No criterion for evaluation of analytical parameter
ND - Analyte not detected
Bold shaded values exceed evaluation criteria

Notes
1: Evaluation criteria for groundwater results is New York State Class GA Groundwater Standard/Guid
Values presented in Technical and Operational Guidance Series 1.1.1.
2: Bolded TOGS value represents a Class GA Standard. Unbolded TOGs Value represents a Class GA Guidance value
3: Indicated Metals analyzed by USEPA method SW846 6010C.

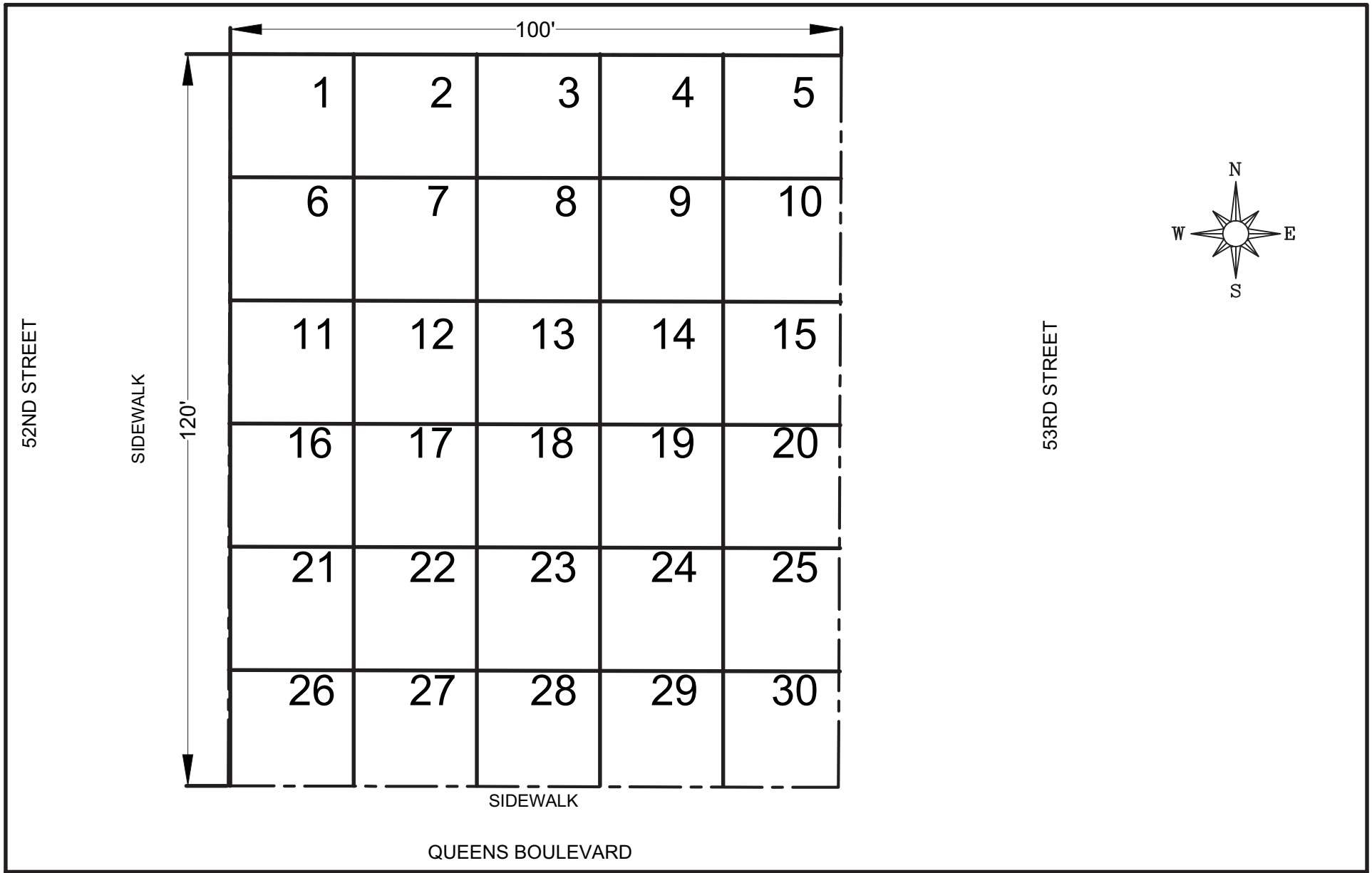
APPENDICES

APPENDIX 1

CAMP RESULTS - SEE CD

APPENDIX 2

SOIL SCREENING RESULTS



PROPERTY BOUNDARY

SCALE:

0 20' 40'

ATHENICA ENVIRONMENTAL SERVICES, INC.
Environmental Consultants
45-09 Greenpoint Avenue, Long Island City, N.Y. 11104

DATE: JULY 23, 2012	Site map: 52-01 QUEENS BOULEVARD QUEENS , NEW YORK 11377
Drawn by: OLGICA VEZMAR	
Checked by: WILLIAM SILVERI	
Drawing Scale:	Figure:
Project No.: 12-0013	Title:

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q

Date: 8-9-12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
1130	Grids 24,25,29,30	20 ppm	
1300		8.5 ppm	
1615		0.0 ppm	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q

Date: 8/10/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
11:15	Grid 28 (south side of site)	3.2 ppm (background 2.8 ppm)	None (n/a)
12:00	Grid 26 (SW side of site)	0.0 ppm (background of 0.0 ppm)	None (n/a)
15:00	Grid 26 (SW side of site)	0.0 ppm (background of 0.0 ppm)	None (n/a)

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-13-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
10:15	19	0.0	
11:45	25	0.0	
12:20	23	0.0	
15:30	21	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-14-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
14:45	Far SE corner of grid	0.7	
14:45	Far NE corner of grid	0.7 background of 0.7-0.8	None
14:45	West side of grid	0.7	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-15-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
12:15	Grid 29	0.0	
14:00	Grid 28	0.0	
14:50	—"—	0.0	
15:40	—"—	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q

Date: 8/16/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
9:50	18	0.0	
10:15	19	0.0	
10:50	23	0.0	
12:20	27	0.0	
14:30	18	0.0	
15:50	25	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-17-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
8:20	Grid 26	0.0	
8:45	Grid 22	0.0	
9:00	Grid 25	0.0	
11:20	Grid 19	0.0	
11:35	-"- 25	0.0	
12:00	Grid 23	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million
TWA = Time Weighted Average

Notes: 1. Exceedance for VOCs is 5 ppm above upwind concentrations for a 15-minute TWA or 25 ppm for any instantaneous m
2. Corrective Action is required for a 15-minute TWA VOC concentration that exceeds action levels.

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8/20/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
8:30	Grid 12	0.0	
8:35	-"- 13	0.0	
8:45	-"- 1	0.0	
8:55	-"- 6	0.0	
9:30	Grid 11	0.0	
9:45	Grid 16	0.0	
10:00	Grid 1	0.0	
10:05	-"- 6	0.0	
10:35	Grid 16	0.0	
11:45	Grid 13	0.0	
11:55	Grid 14	0.0	
13:10	Grid 9	0.0	
13:20	Grid 10	0.0	
13:30	Grid 7	0.0	
13:50	Grid 8	0.0	
13:55	Grid 12	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million
TWA = Time Weighted Average

Notes: 1. Exceedance for VOCs is 5 ppm above upwind concentrations for a 15-minute TWA or 25 ppm for any instantaneous m
2. Corrective Action is required for a 15-minute TWA VOC concentration that exceeds action levels.

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q

Date: 8/27/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:35	Grid 13	0.0	
8:10	Grid 22	0.0	
8:15	Grid 17	0.0	
8:30	Grid 14	0.0	
9:00	Grid 24	0.0	
9:02	Grid 19	0.0	
9:20	-"- 25	0.0	
9:20	-"- 20	0.0	
9:40	Grid 7	0.0	
9:45	-"- 8	0.0	
9:50	-"- 9	0.0	
10:25	Grid 17	0.0	
11:40	Grid 10	0.0	
12:50	Grid 25	0.0	
14:40	Grid 18	0.0	
15:20	Grid 25	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-28-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:45	Grid 13	0.0	
7:55	14	0.0	
8:20	19	0.0	
8:30	17	0.0	
9:20	Grid 25	0.0	
9:45	-" 24	0.0	
10:35	Grid 18	0.0	
10:36	-" 19	0.0	
11:30	Grid 19	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-29-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:30	11/12/13/14/17/18	0.0	n/a
7:35	"	0.0	n/a
8:05	"	0.2	n/a
8:24	"	0.0	n/a
8:40	"	0.0	n/a

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 8-31-2012

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:20	12/13/14/17/18/19	0.2	N/A
7:40	"	0.1	"
8:10	"	0.0	"
8:50	"	0.1	"
9:25	"	0.3	N/A
10:00	19/20/24/25	0.0	"
10:20	"	0.0	"
10:35	"	0.0	"
10:48	"	0.0	"
11:20	"	0.0	"
11:35	"	0.0	"
11:45	"	0.0	"
12:15	"	0.0	"
12:30	"	0.0	"
12:45	"	0.0	"
13:00	"	0.0	"

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 9/4/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
8:20	Grids 19-24	0.0	
8:50	Grid 25	0.0	
8:51	Grid 30	0.0	
9:05	Grid 29	0.0	
9:55	Grid 24	0.0	
11:50	Grid 29	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 9/6/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
8:00	Grid 28	0.2	background (0.4)
8:20	-"- 29	0.2	-"- 3.4
9:35	Grid 28	0.0	-"- 6.1
10:35	Grid 25	0.1	
11:05	-"- 24	0.0	
11:30	Grid 7	0.3	
11:35	-"- 8	0.0	
12:05	Grid 22	0.0	
12:25	-"- 23	0.0	
12:50	-"- 27	0.0	
13:40	-"- 27	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 9/19/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:00	GMW 23	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils
Volatile Organic Compounds
52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q
Date: 9/20/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:00	Grid 23	0.0	None
7:10	Grid 24	0.0	— " —
7:15	Grid 28	0.0	— " —
8:20	Grid 29	0.0	— " —

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

Daily Screening of Soils

Volatile Organic Compounds

52-01 Queens Boulevard, Queens, New York

NYC BCP No: 12CVCP066Q

Date: 9/21/12

Time	Area of Site	VOCs Head Space Measurement (ppm)	Corrective Action
7:00	Grid 24	0.0	
7:30	Grid 25	0.0	
8:00	Grid 29	0.0	
8:15	Grid 28	0.0	

Legend: VOCs = Volatile Organic Compounds
S/N = Seriel Number of Monitor
ppm = Parts per Million

APPENDIX 3

DAILY REPORTS

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 9, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Segregation of excavated material from C&D for proper disposal of C&D.

Working In Grid #: 28, 29 and 30

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

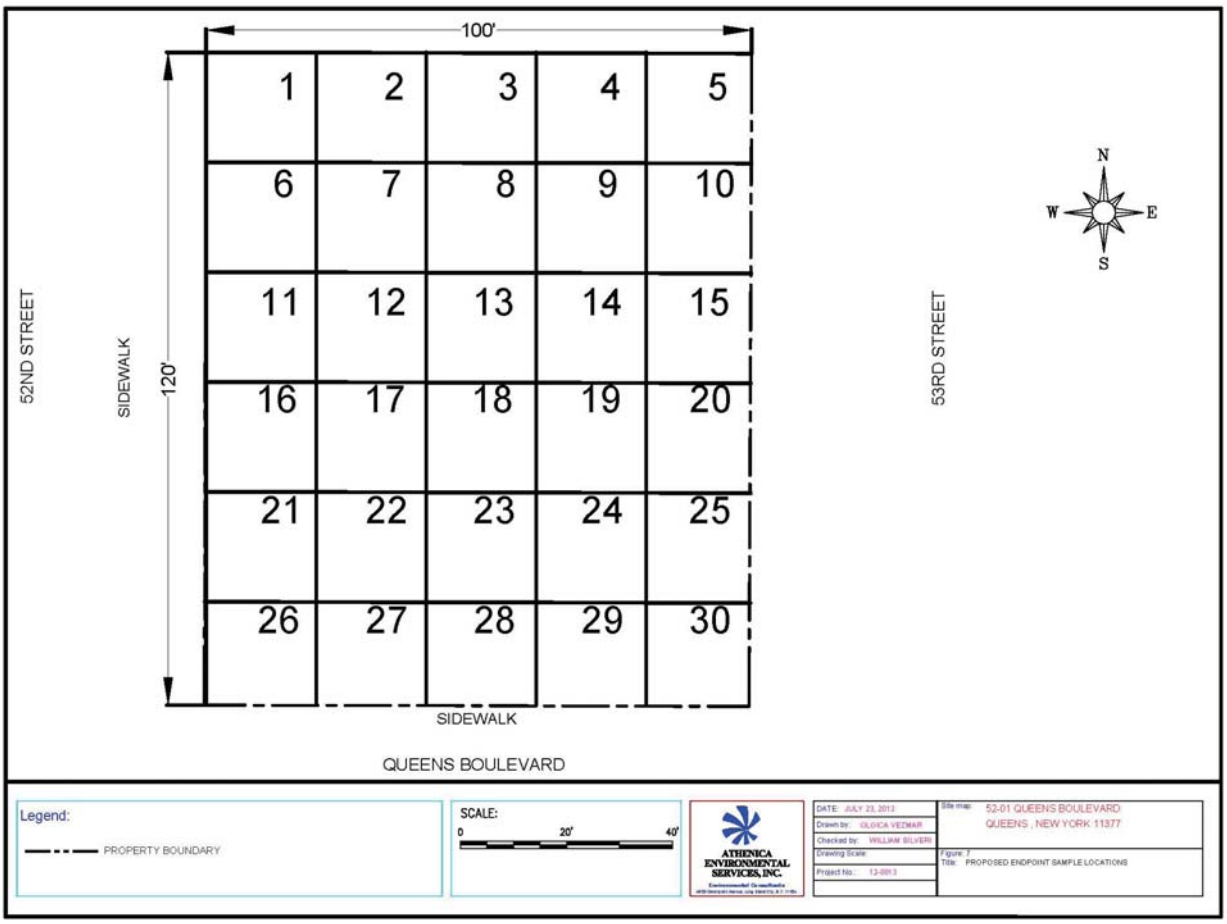
Same as today (8/9/12)

 File Name: 2012-8-9.12CVCP066Q Daily Report

Example:

Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



 File Name: 2012-8-9.12CVCP066Q Daily Report

Photo Log

Photo 1 – Excavation of urban fill material for segregation	
Photo 2 – Segregation of excavated urban fill material, dust suppression and post-segregation C&D material	
Photo 3 – Post-segregation urban fill soil	

 File Name: 2012-8-9.12CVCP066Q Daily Report

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☒	Rain	☒	Overcast	☐	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 10, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Segregation of excavated material from C&D for proper disposal of C&D.

Working In Grid #: 28, 29 and 30

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

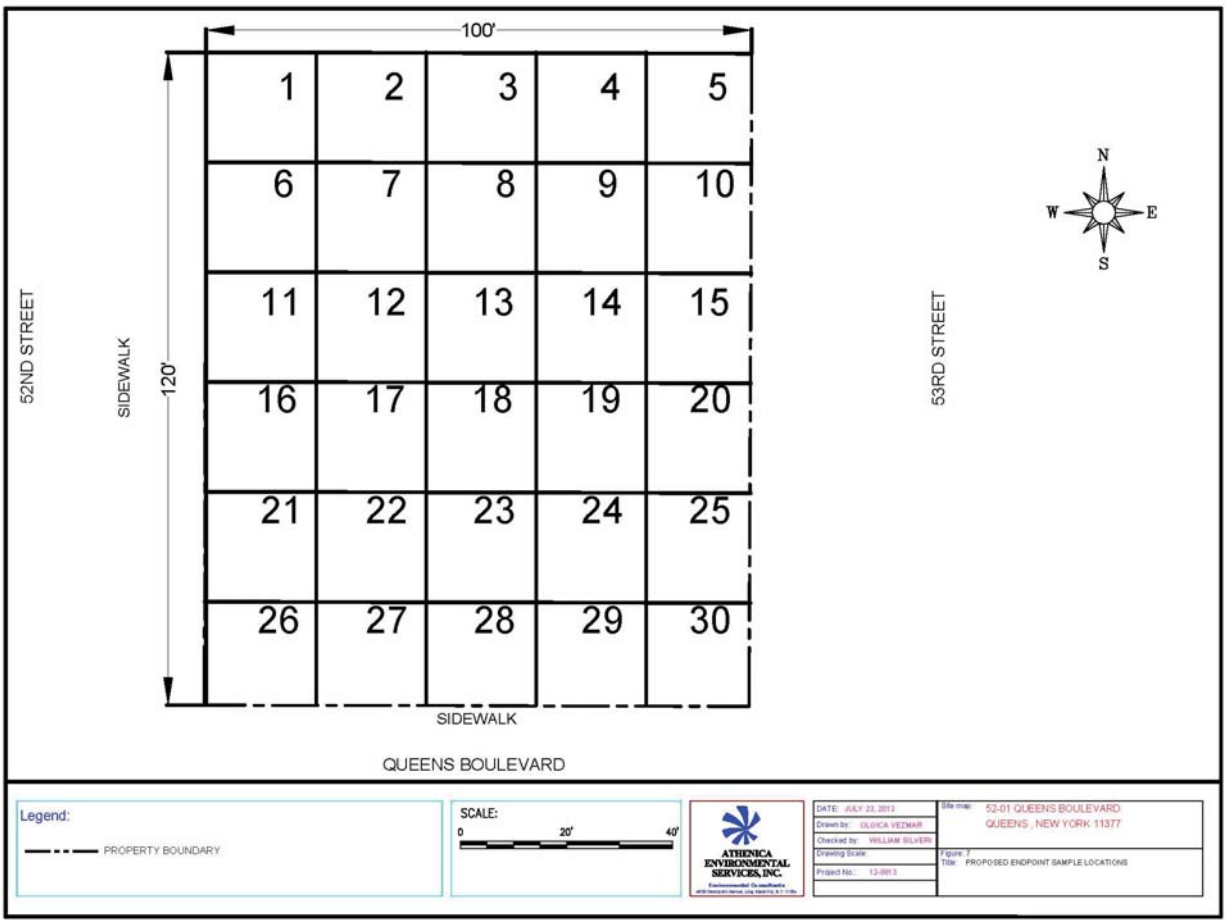
Loading of urban fill for off-site disposal at Clean Earth Carteret, New Jersey faclity

 File Name: 2012-8-1.12CVCP066Q Daily Report

Example:

Facility # Name/ location type of waste	Solid		Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)									25	600

Site Grid Map



 File Name: 2012-8-1.12CVCP066Q Daily Report

Photo Log

Photo 1 – Excavation of urban fill material for segregation of C&D debris	
Photo 2 – Segregation of excavated urban fill material and C&D material	
Photo 3 – Post-segregation of urban fill soil	

 File Name: 2012-8-1.12CVCP066Q Daily Report

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 13, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Segregation of excavated material from C&D for proper disposal of C&D.
2. Loading and off-site disposal of urban fill

Working In Grid #: 16 through 30

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

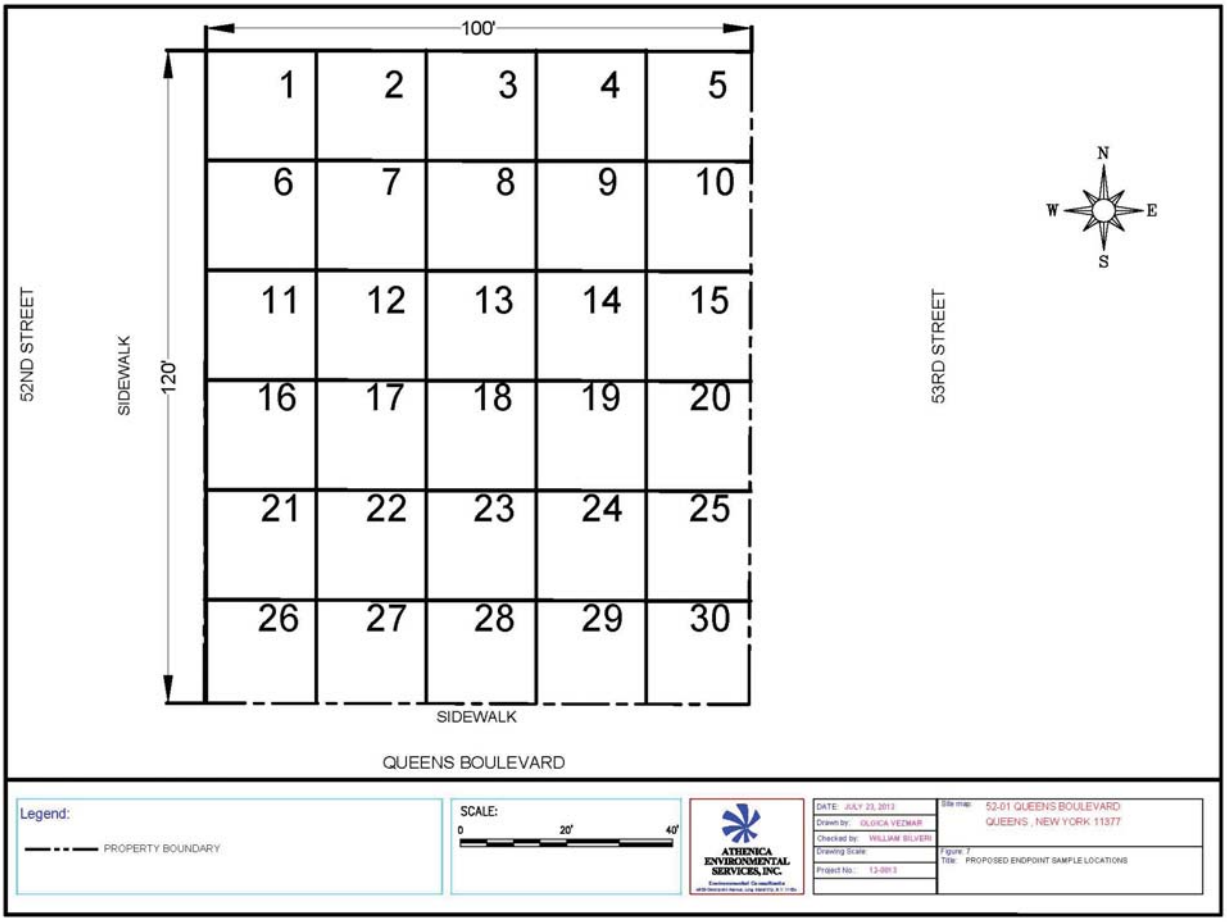
Excavation and off-site disposal of deeper clean soils below urban fill

 File Name: 2012-8-13.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
	13	25	3	35					5	120
Totals (trucks, cu.yds.)	13	25	3	35					25	600

Site Grid Map



 File Name: 2012-8-13.12CVCP066QDailyReport

Photo Log

Photo 1 – Soils at the south portion of the Site, closest to Queens Boulevard, were excavated to approximately 3 to 4 feet below the original grade surface for off-site disposal at the Clean Earth Carteret facility	
Photo 2 – The trucks transporting urban fill from the Site to Clean Earth Carteret facility were 25-yard capacity	
Photo 3 – A basement of a former building, with brick foundation walls and a concrete floor, was encountered at the southeast portion of the Site (grids 29 and 30) and contained buried brick and concrete that was subsequently segregated for off-site disposal at Power Crush facility.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 14, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Segregation of excavated material from C&D for proper disposal of C&D.
2. Demolition of a brick foundation wall of a former on-Site building.
3. Off-Site disposal of C&D debris

Working In Grid #: 26, 27, 29, and 30

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

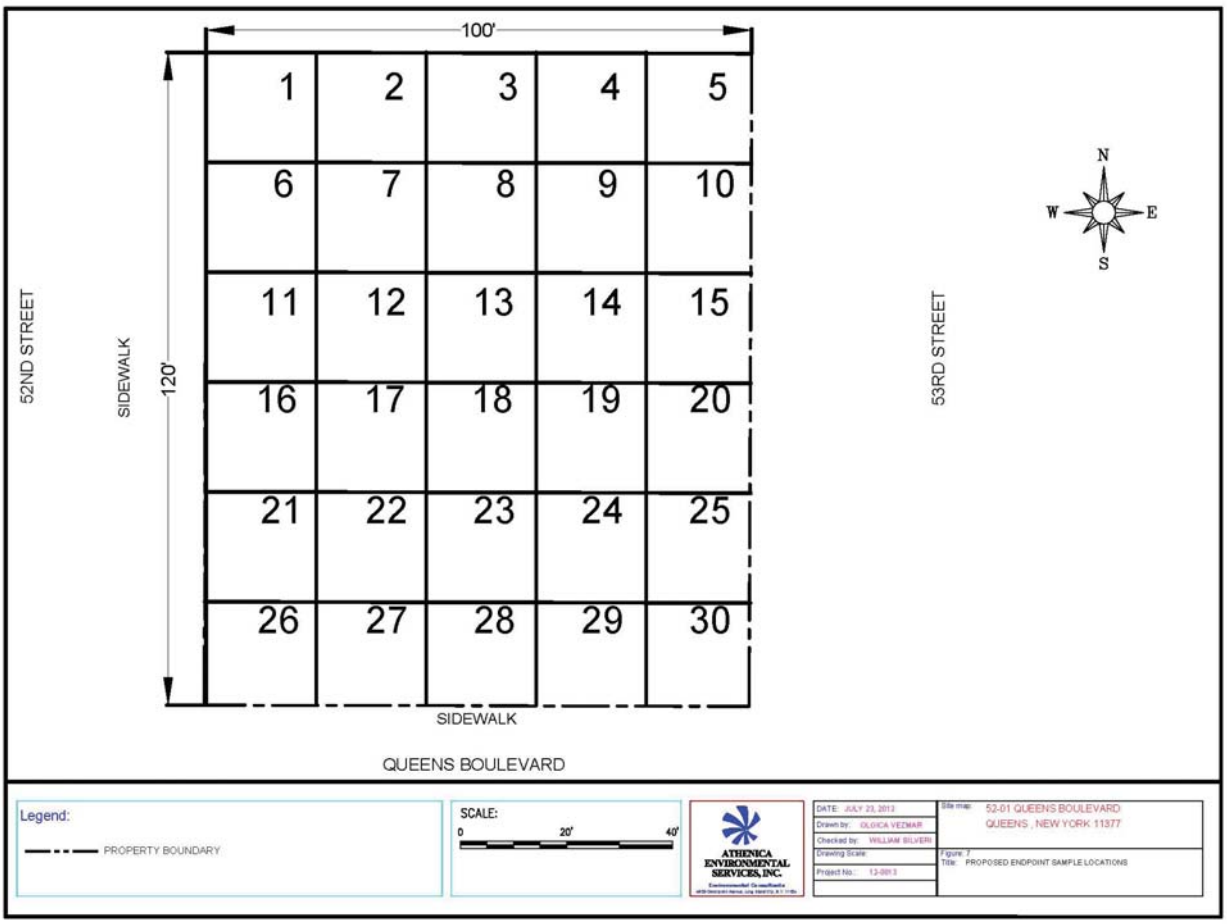
Excavation and off-site disposal of deeper clean soils below urban fill

 File Name: 2012-8-14.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			2	35					5	120
Totals (trucks, cu.yds.)	13	25	5	35					25	600

Site Grid Map



 File Name: 2012-8-14.12CVCP066QDailyReport

Photo Log

Photo 1 – Brick foundation wall of former on-Site building at southeast corner was demolished.	
Photo 2 – Native soils were behind the brick foundation walls and below the concrete floor. These soils exhibited no evidence of field contamination (Elevated PID readings, odors, staining).	
Photo 3 – Due to elevated dust readings during demolition of the brick foundation walls, dust suppression measures were implemented.	

 File Name: 2012-8-14.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☒	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 15, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Demolition of brick foundation wall of a former on-Site building
2. Segregation of C&D materials from demolition and segregation of boulders.
3. Off-Site disposal of C&D debris and boulders

Working In Grid #: 23, 24, and 25

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

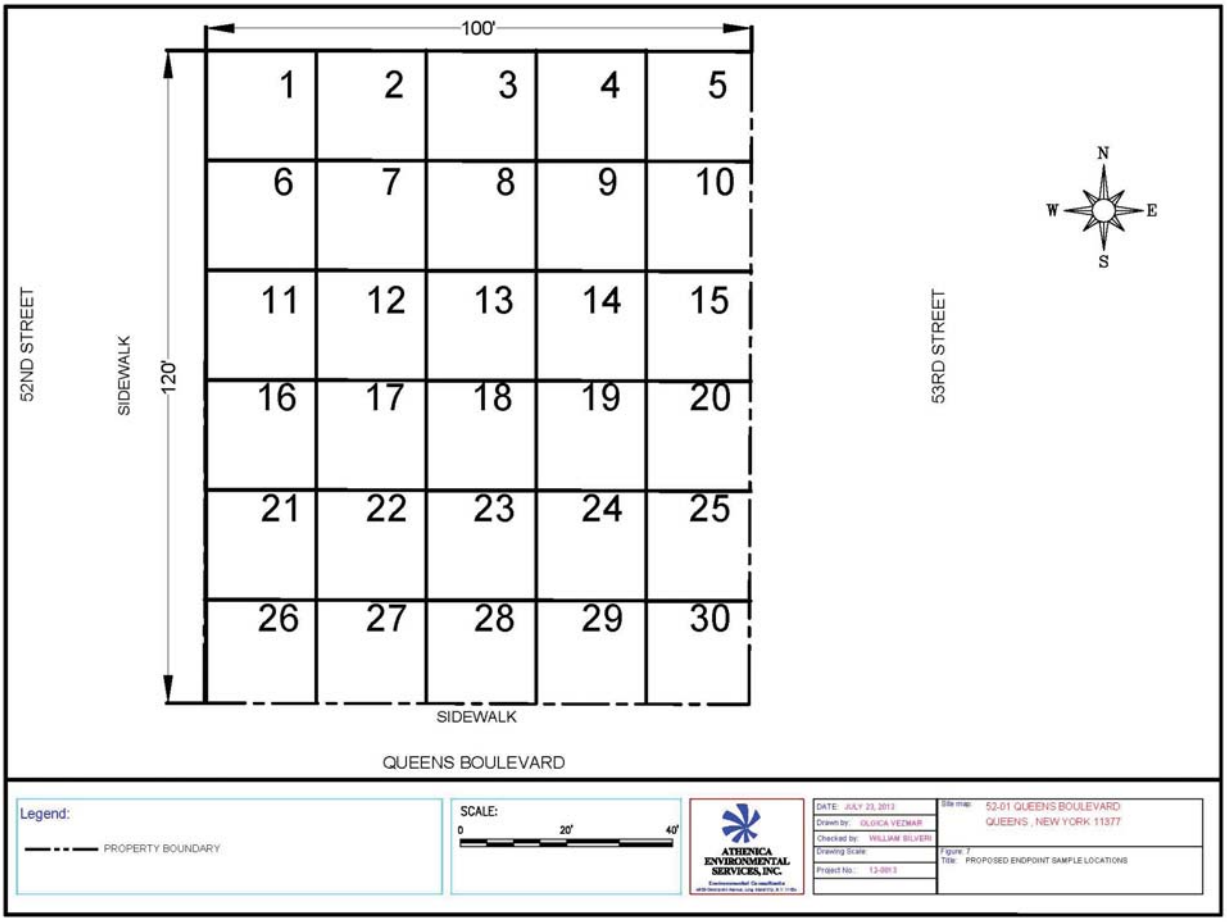
Excavation and off-site disposal of deeper clean soils below urban fill

 File Name: 2012-8-15.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			7	35					5	120
Totals (trucks, cu.yds.)	13	25	12	35					25	600

Site Grid Map



 File Name: 2012-8-15.12CVCP066QDailyReport

Photo Log

Photo 1 – Removal of bricks from the ground surface	
Photo 2 – Demolition of brick foundation wall of former on-Site building.	
Photo 3 – Off-site disposal of C&D debris to Power Crush facility.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 16, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Completion of demolition of brick foundation wall of former on-Site building.
2. Segregation of C&D materials and boulders.
3. Off-Site disposal of C&D debris and boulders.

Working In Grid #: 21, 22, 23, 24, and 25

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

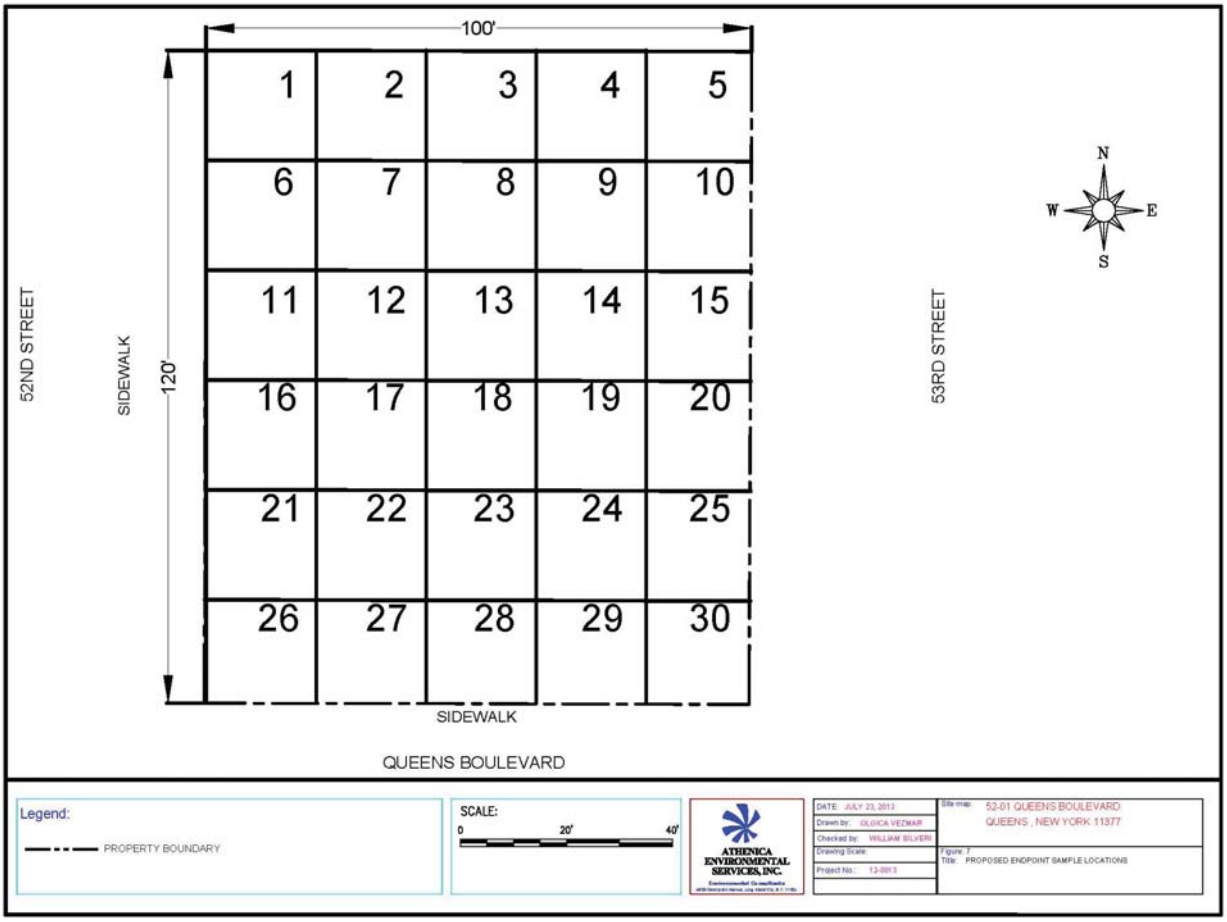
Excavation and off-site disposal of deeper clean soils below urban fill

 File Name: 2012-8-16.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			7	35					5	120
Totals (trucks, cu.yds.)	13	25	19	35					25	600

Site Grid Map



 File Name: 2012-8-16.12CVCP066QDailyReport

Photo Log

Photo 1 – Segregation of large boulders from clean soils	
Photo 2 – Removal of urban fill along with C&D debris has been completed. Remaining work with respect to soils relate to segregation and removal of large boulders	
Photo 3 – Manual demolition of former brick foundation wall along eastern boundary of Site	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☐	>85	☒

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 17, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Manual removal of foundation wall of former on-site building that is attached to off-site building to the east.
2. Staging of soil for installation of perimeter sheeting/shoring and for installation of a truck ramp to interior of Site.
3. Off-Site disposal of C&D debris and boulders.

Working In Grid #: 19 and 22 through 28

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP (Note: elevated PID readings recorded at one upwind station due to refueling of the excavator)

Problems Encountered:

None

Planned Activities for Next Week:

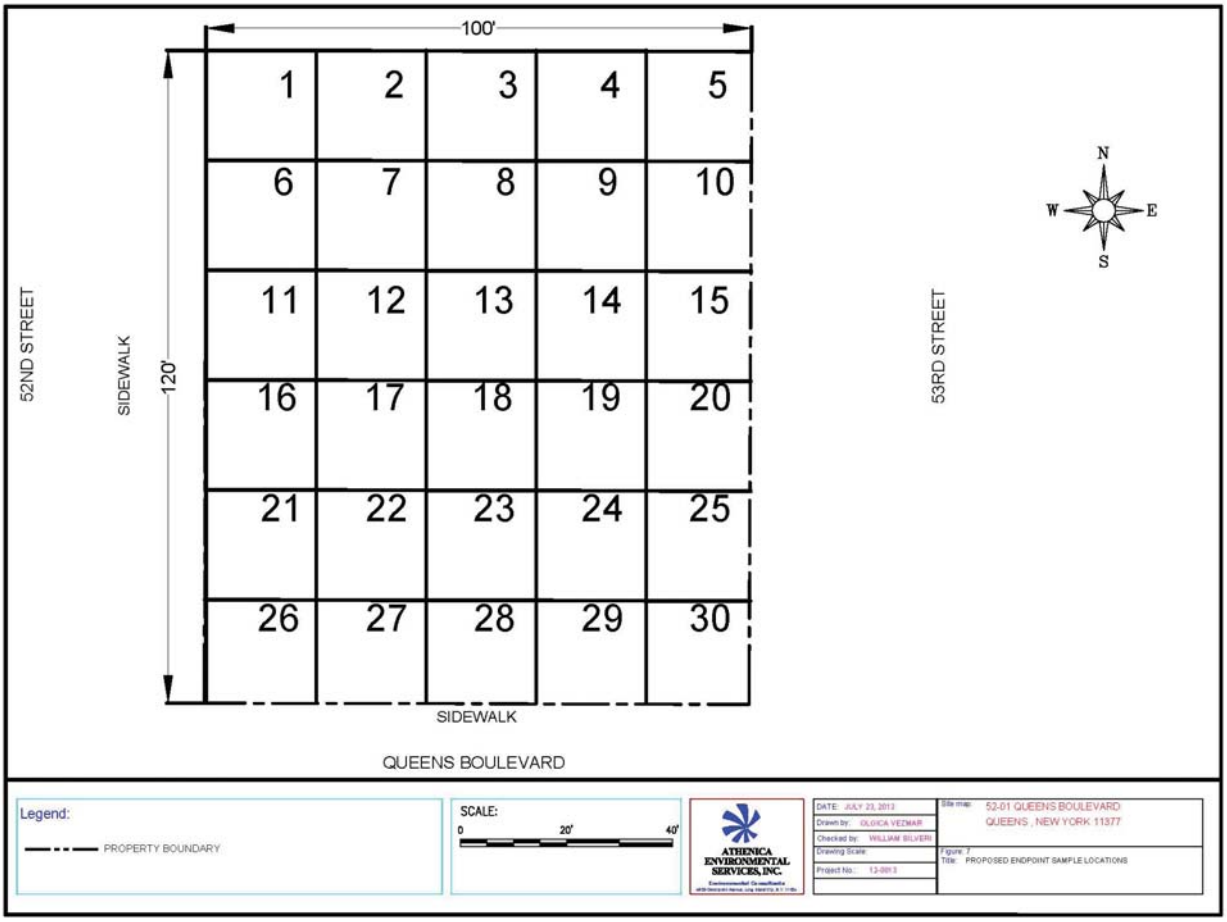
Installation of perimeter sheeting and shorting; excavation and off-site transportation of clean soils to an off-site Beneficial Use site in Brooklyn, New York.

 File Name: 2012-8-17.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			3	35					5	120
Totals (trucks, cu.yds.)	13	25	22	35					25	600

Site Grid Map



 File Name: 2012-8-17.12CVCP066QDailyReport

Photo Log

Photo 1 – Manual removal of foundation wall of former on-site building that is attached to the east-adjacent off-site building	
Photo 2 – Loading of C&D debris and large boulders for off-site disposal at Power Crush facility.	
Photo 3 – Staging of soils for construction of a ramp to allow truck access into the interior of the Site.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☐	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 20, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Staging of soil for installation of perimeter sheeting/shoring and for installation of a truck ramp to interior of Site.

Working In Grid #: 1; 6 through 10, 12 and 13

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

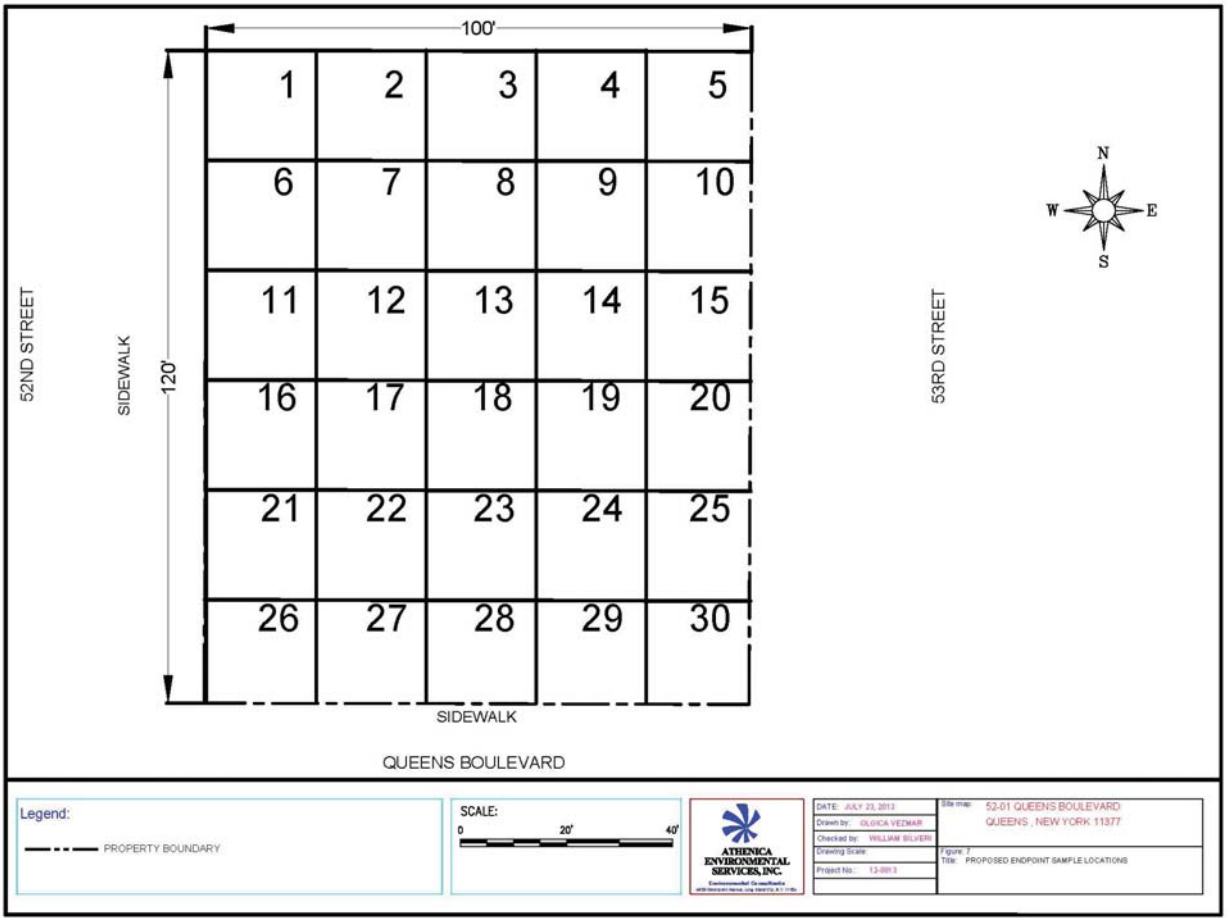
Installation of perimeter sheeting and shoring; excavation and off-site transportation of clean soils to an off-site Beneficial Use site in Brooklyn, New York.

 File Name: 2012-8-20.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	13	25	22	35					25	600

Site Grid Map



 File Name: 2012-8-20.12CVCP066QDailyReport

Photo Log

Photo 1 – Manual removal of foundation wall of former on-site building that is attached to the east-adjacent off-site building	
Photo 2 – Removal of soil in grids 1, 6, 11 and 16 as preparation for installation of perimeter foundation wall along west perimeter of the Site.	
Photo 3 – Staging of soils for construction of a ramp to allow truck access into the interior of the Site. Planned Site work for the reminder of the week will constitute of installation of perimeter foundation wall along the western and eastern perimeter of the Site.	

 File Name: 2012-8-20.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☒	Overcast	☒	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 27, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).

Working In Grid #: 9, 10, 13, 14, 17, 22 and 24

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

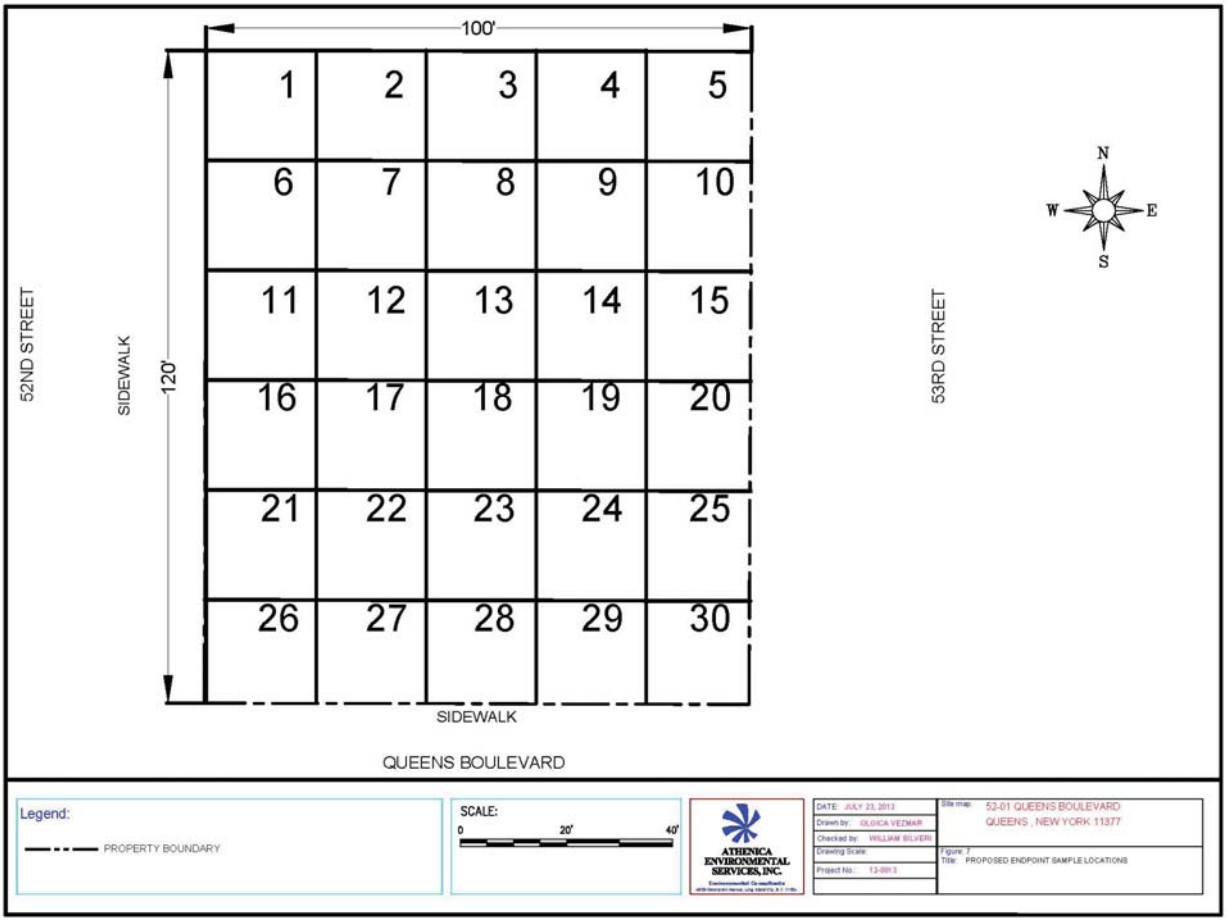
Excavation and off-site transportation of native soils to New York Sand and Gravel for final disposition to Bush Terminals in Brooklyn, New York.

 File Name: 2012-8-27.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					15	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	15	30			25	600

Site Grid Map



 File Name: 2012-8-27.12CVCP066QDailyReport

Photo Log

Photo 1 – Loading of soils onto trucks for transportation to New York Sand & Gravel facility for loading onto barge for reuse at Bush Terminals in Brooklyn, New York	
Photo 2 – Trucks utilized a gravel pad at the entrance of the Site to avoid contact of truck tires with soils and thereby minimize off-site tracking of soils off site.	
Photo 3 – Trucks were washed to remove soils before leaving the Site.	

 File Name: 2012-8-27.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 28, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).

Working In Grid #: 12, 13, 14, 17, 18, 19, and 24

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

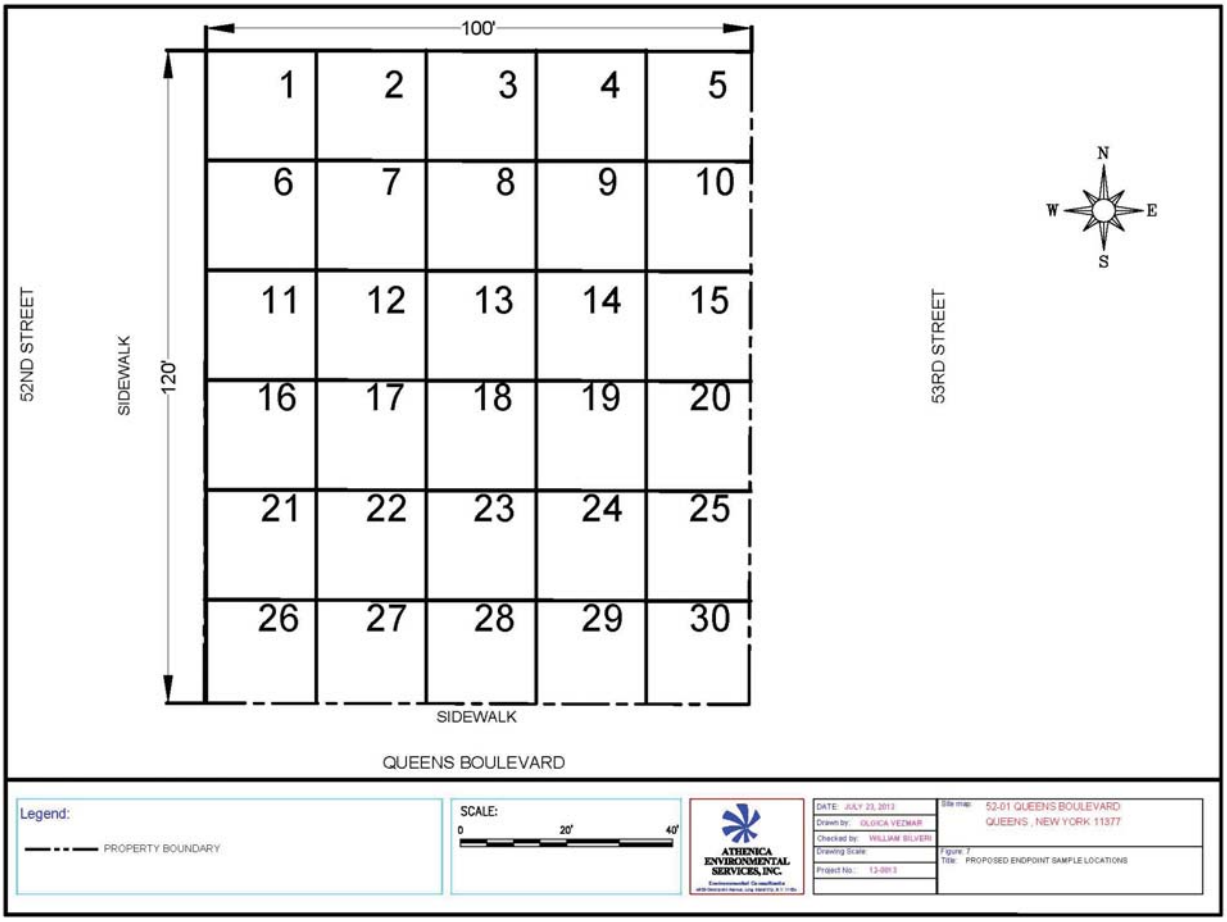
Excavation and off-site transportation of native soils to New York Sand and Gravel for final disposition to Bush Terminals in Brooklyn, New York.

 File Name: 2012-8-28.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					16	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	31	30			25	600

Site Grid Map



 File Name: 2012-8-28.12CVCP066QDailyReport

Photo Log

Photo 1 – Segregation of bricks from native soils	
Photo 2 – Loading of soils onto trucks for transportation to New York Sand & Gravel facility for loading onto barge for reuse at Bush Terminals in Brooklyn, New York. During loading of soils onto trucks, a worker was present on the truck to remove debris and rocks from the load.	
Photo 3 – Underpinning of east perimeter of Site required removal of bricks and concrete.	

 File Name: 2012-8-28.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 29, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).
2. Trucks were not allowed access to New York Sand and Gravel. As a result, four trucks that were loaded during the morning returned to the Site. After trucks returned to the Site to drop their loaded soil, no further soil disturbance activities occurred, and CAMP monitoring ended at approximately 10:30 a.m.

Working In Grid #: 11, 12, 13, 16, 17, and 18

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

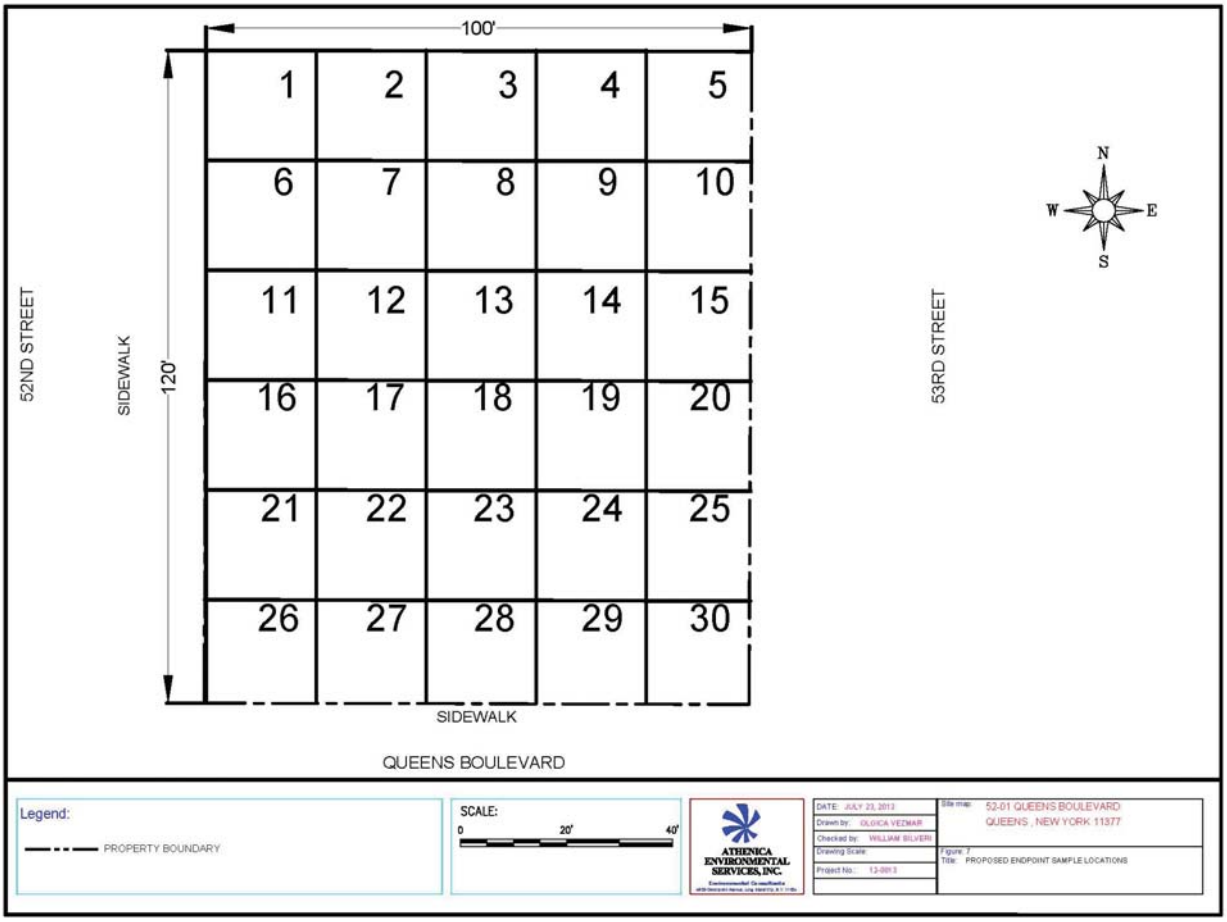
Excavation and off-site transportation of native soils to New York Sand and Gravel for final disposition to Bush Terminals in Brooklyn, New York.

 File Name: 2012-8-29.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					0	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	31	30			25	600

Site Grid Map



 File Name: 2012-8-29.12CVCP066QDailyReport

Photo Log

Photo 1 – Excavation of native soils at the Site. Large glacial erratics were present throughout the soils	
Photo 2 – Loading of soils onto trucks for transportation to New York Sand & Gravel facility for loading onto barge for reuse at Bush Terminals in Brooklyn, New York. During loading of soils onto trucks, a worker was present on the truck to remove debris and rocks from the load. This truck and three others returned to the Site with their loads due to lack of access to New York Sand & Gravel facility.	
Photo 3 – Loading of truck that later returned to the Site with its load due to lack of access to New York Sand & Gravel facility.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☒
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Aug 31, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Resumed direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).

Working In Grid #: 19, 20, 24, and 25

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

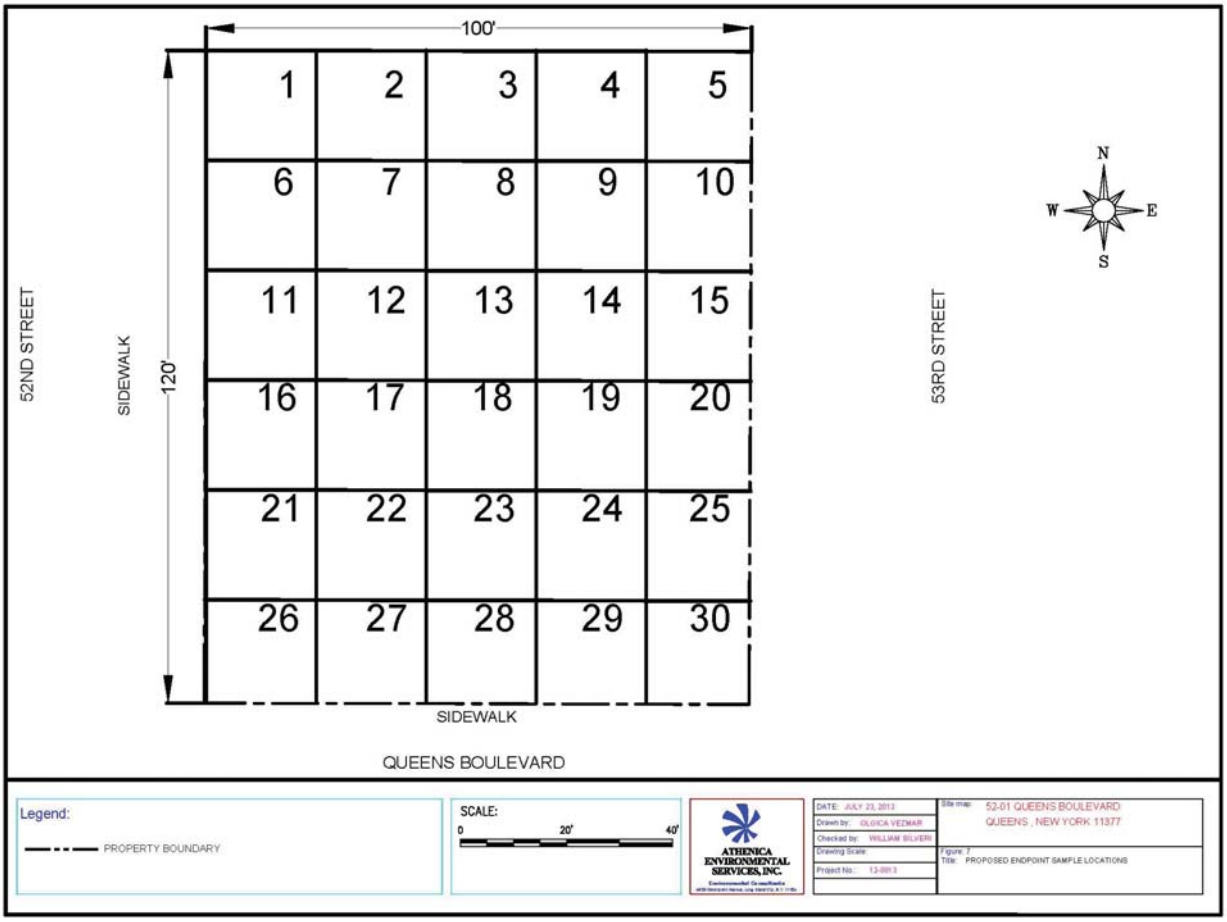
Excavation and off-site transportation of native soils to New York Sand and Gravel for final disposition to Bush Terminals in Brooklyn, New York.

 File Name: 2012-8-31.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					23	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	54	30			25	600

Site Grid Map



 File Name: 2012-8-31.12CVCP066QDailyReport

Photo Log

Photo 1 – Excavation of native soils at the Site. Large glacial erratics were present throughout the soils	
Photo 2 – Loading of soils onto trucks for transportation to New York Sand & Gravel facility for loading onto barge for reuse at Bush Terminals in Brooklyn, New York. During loading of soils onto trucks, a worker was present on the truck to remove debris and rocks from the load.	
Photo 3 – Installation of underpinning at the southeast boundary of the Site.	

 File Name: 2012-8-31.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☒	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 4, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Resumed direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).

Working In Grid #: 19, 24, 25, and 30.

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

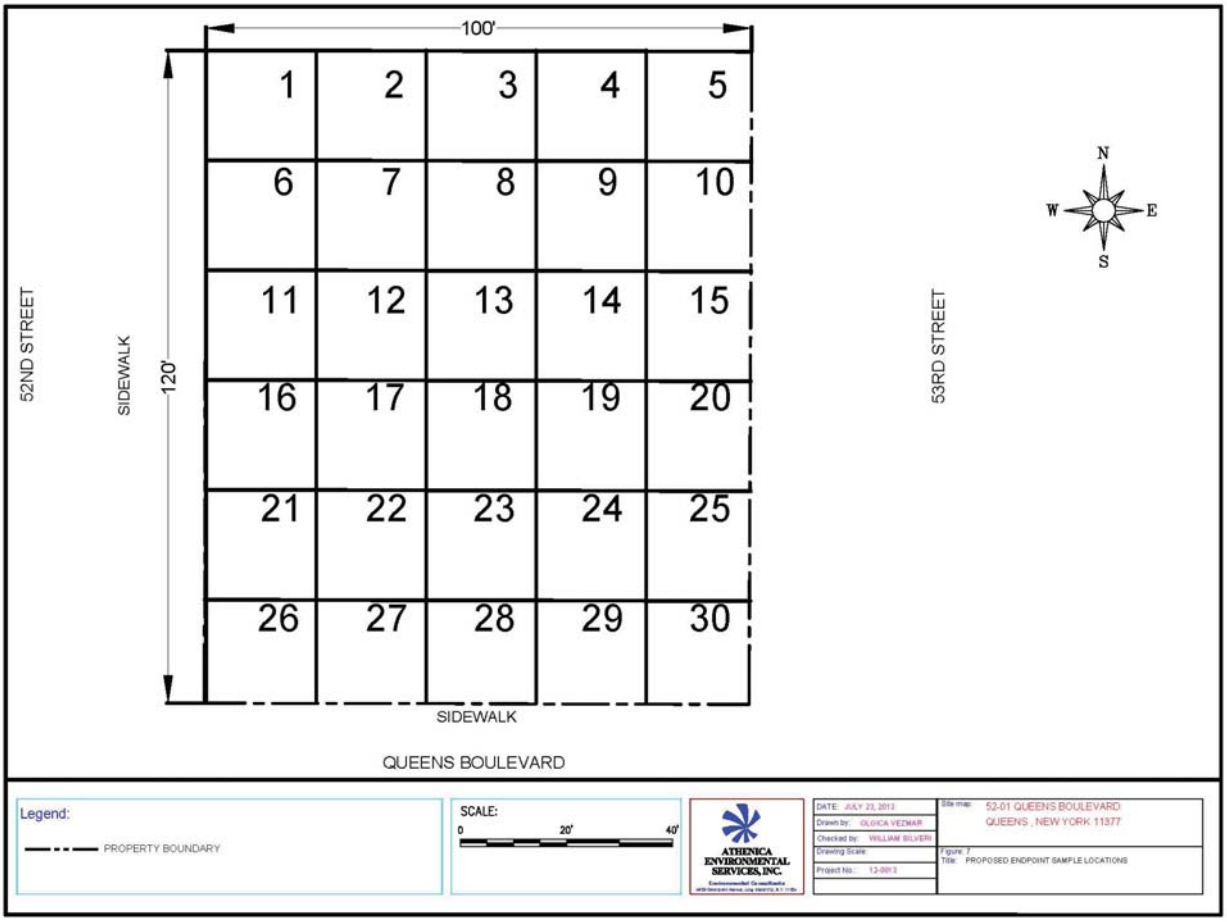
Installing perimeter sheeting and shoring, pouring of concrete foundation walls along the west and south portions of the Site, and installation of vapor barrier on the foundation walls at the west and south portions of the Site.

 File Name: 2012-9-4.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					10	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	64	30			25	600

Site Grid Map



 File Name: 2012-9-4.12CVCP066QDailyReport

Photo Log

Photo 1 – Excavation of native soils at the Site continued to encounter large glacial erratics.	
Photo 2 – During loading of soils onto trucks for off-site re-use, a worker was present on the truck to remove debris and rocks from the load.	
Photo 3 – Portions of the perimeter foundation wall at the western boundary of the Site have been installed and are ready for installation of the vapor barrier.	

 File Name: 2012-9-4.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 6, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Direct loading of native soils for off-site reuse at Bush Terminals in Brooklyn, New York in accordance with Beneficial Use Determination (Note: Soils transported to New York Sand and Gravel at 75 25th Street for loading of soils onto barge for final disposition via barge at Bush Terminals).
2. Installation of vapor barrier on the west foundation wall.

Working In Grid #: 28 and 29.

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

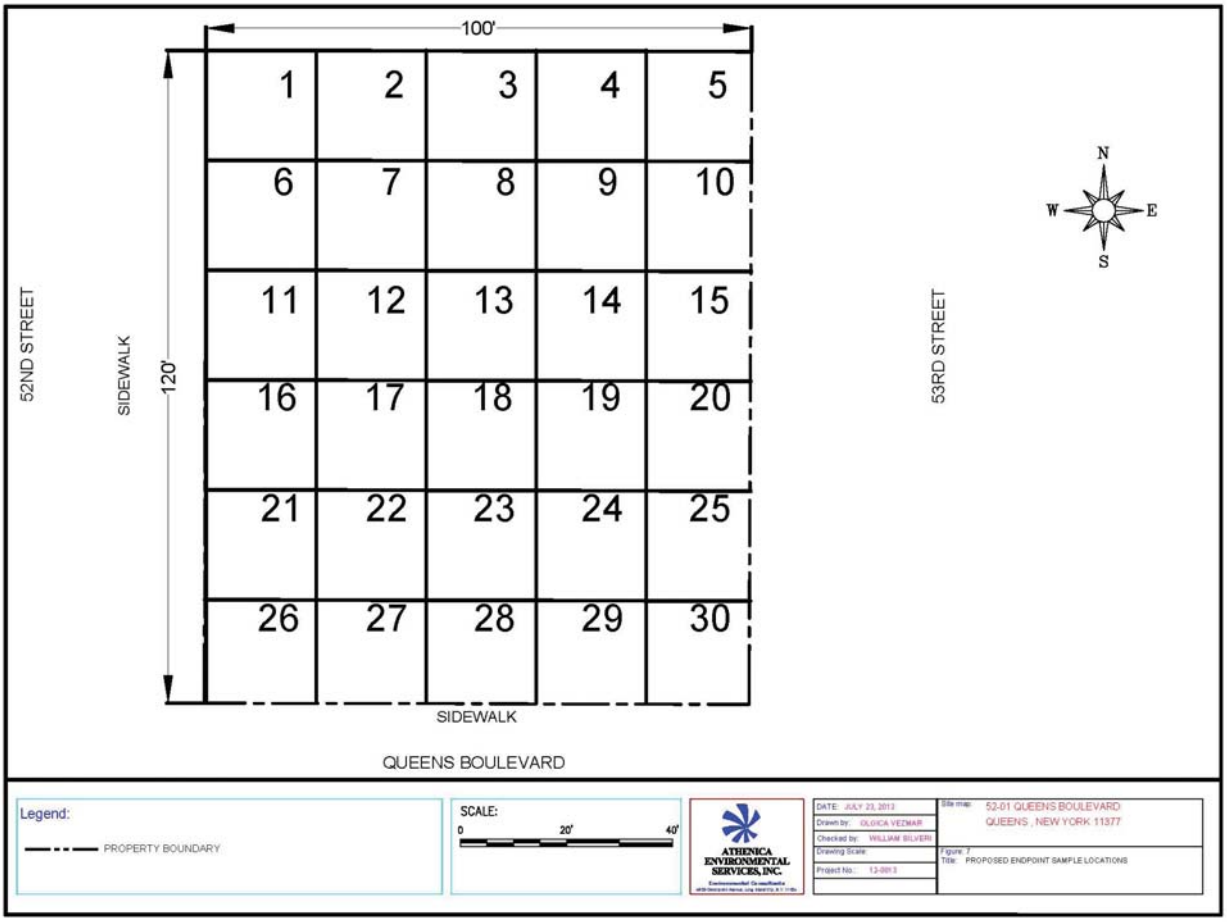
Installation of perimeter sheeting and shoring, pouring of concrete foundation walls along the west and south portions of the Site, installation of vapor barrier on the foundation walls at the west and south portions of the Site, and installation of groundwater monitoring wells.

 File Name: 2012-9-6.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
					21	30			5	120
Totals (trucks, cu.yds.)	13	25	22	35	85	30			25	600

Site Grid Map



 File Name: 2012-9-6.12CVCP066QDailyReport

Photo Log

Photo 1 – During loading of soils onto trucks for off-site re-use, a worker was present on the truck to remove debris and rocks from the load.	
Photo 2 – Installation of vapor barrier on the exterior of the west foundation wall (closest to 52nd Street).	
Photo 3 – Elevated PID readings (greater than 5 ppm) were recorded at the upwind CAMP station at the northwest corner of the Site and closest to the off-site and adjacent property to the north. PID readings recorded on the public sidewalk indicated that the adjacent property was the source of VOCs. At the time of the elevated PID readings at the CAMP station, spray painting of automobiles was occurring at this adjacent property.	

 File Name: 2012-9-6.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 14, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Installation of groundwater monitoring wells.
2. Installation of perimeter concrete footing at southwest corner of Site.
3. Installation of piles, sheeting and shoring along perimeter of the Site.

Working In Grid #: 16, 21, 26-30, and 4 (for well installation only).

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

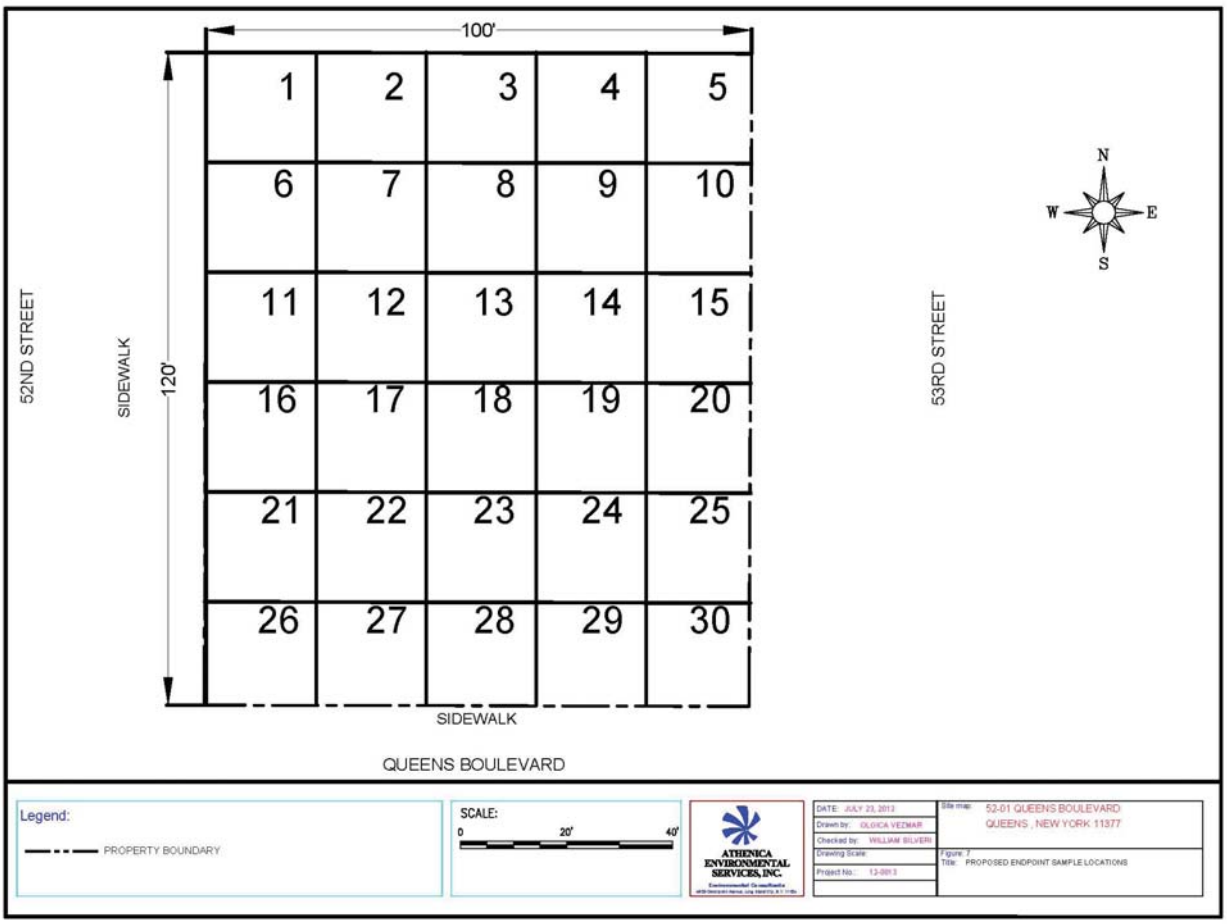
Installation of perimeter sheeting and shoring, pouring of concrete foundation walls along the west and south portions of the Site, installation of vapor barrier on the foundation walls at the west and south portions of the Site, and installation of groundwater monitoring wells.

 File Name: 2012-9-14.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	13	25	22	35	85	30			25	600

Site Grid Map



 File Name: 2012-9-14.12CVCP066QDailyReport

Photo Log

Photo 1 – Installation of permanent groundwater monitoring well MW-1 at north end of Site.	
Photo 2 – Installation of perimeter footing at southwest corner of Site.	
Photo 3 – No significant disturbance of soils occurred during the day.	

 File Name: 2012-9-14.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☐	Partly Cloudy	☒	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☐	70-85	☒	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 17, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Installation of groundwater monitoring wells.
2. Installation of perimeter concrete footing at southwest corner of Site.
3. Installation of piles, sheeting and shoring along perimeter of the Site.

Working In Grid #: 16, 21, 26-30, and 25 (for well installation only).

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

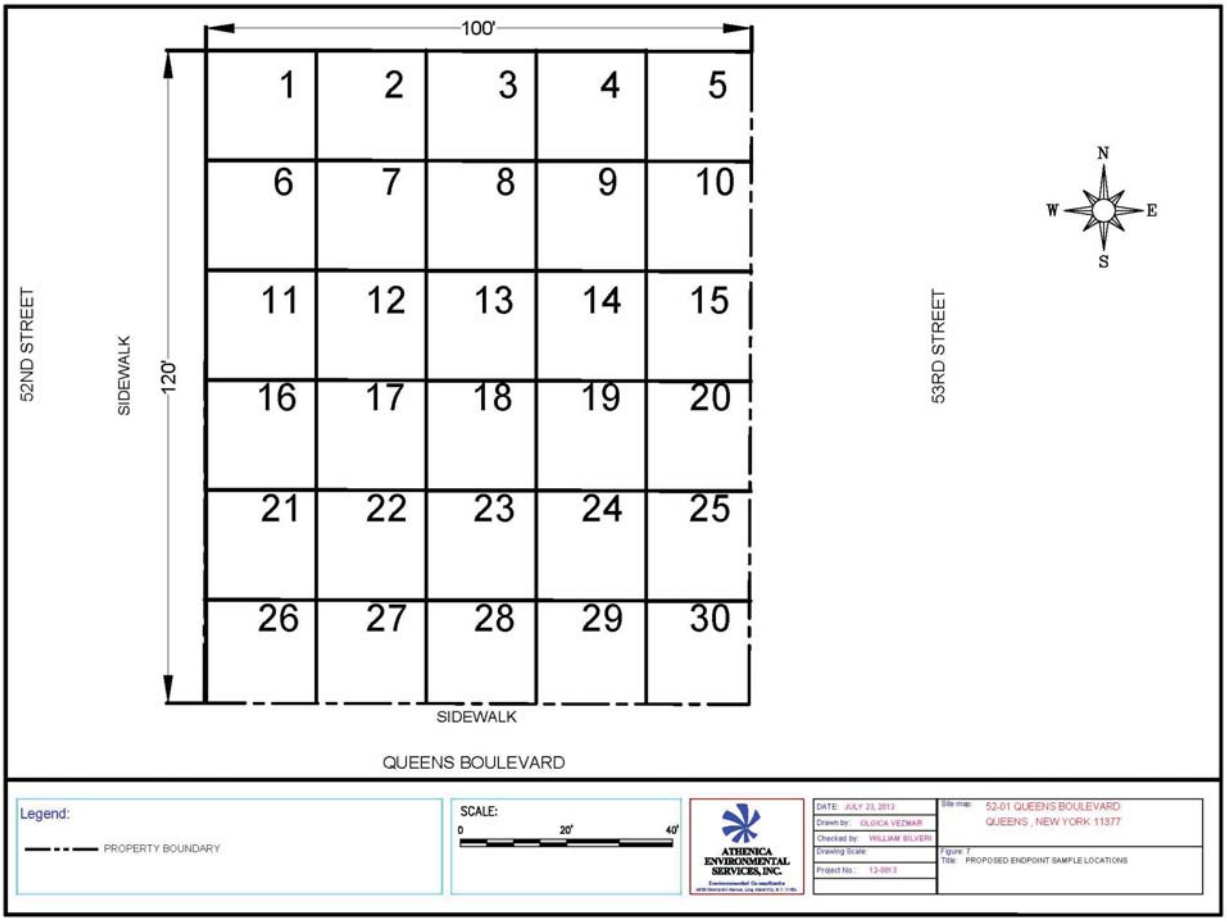
Installation of perimeter sheeting and shoring, pouring of concrete foundation walls along the west and south portions of the Site, installation of vapor barrier on the foundation walls at the west and south portions of the Site, and installation of groundwater monitoring wells.

 File Name: 2012-9-17.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	13	25	22	35	85	30			25	600

Site Grid Map



 File Name: 2012-9-17.12CVCP066QDailyReport

Photo Log

Photo 1 – Installation of permanent groundwater monitoring well MW-2 at southeast end of Site.	
Photo 2 – Groundwater monitoring well MW-1 at the north portion of Site was installed approximately 50 feet below the bottom of excavation (i.e. approximately 62 feet below grade surface). No groundwater was encountered in MW-1. This well will be reinstalled to groundwater.	
Photo 3 – Glacial deposits consisting of large stones have been encountered 20 feet below the bottom of excavation at monitoring well location MW-2 and have caused numerous drill bits to wear to the point of requiring replacement. As a result of these drilling conditions, installation of MW-2 could not be completed today.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☒	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 18, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Installation of groundwater monitoring well at eastern portion of Site.
2. Installation of west perimeter concrete wall.
3. Removal of boulders for off-site disposal.

Working In Grid #: 11, 16, 21, 26-30, and 25 (for well installation only).

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

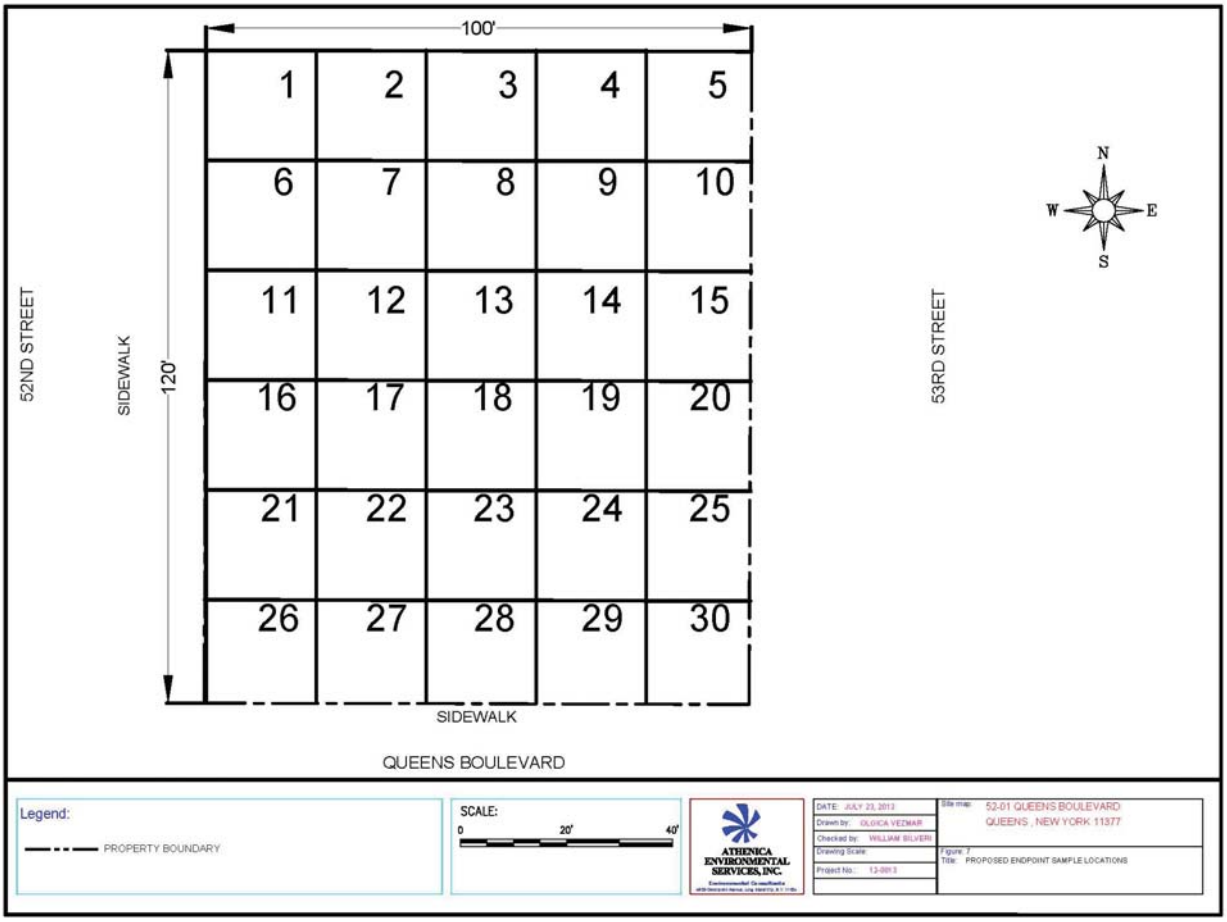
Installation of concrete foundation walls along the south perimeter of the Site, installation of vapor barrier on the foundation walls at the west and south portions of the Site, excavation of soils for installation of footings within the proposed basement, and collection of post-excavation soil samples.

 File Name: 2012-9-18.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		New York Sand & Gravel Brooklyn, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			7	35					5	120
Totals (trucks, cu.yds.)	13	25	29	35	85	30			25	600

Site Grid Map



 File Name: 2012-9-18.12CVCP066QDailyReport

Photo Log

Photo 1 – Boulders were removed from the Site for off-site disposal at Power Crush facility	
Photo 2 – Groundwater monitoring well MW-2 at the eastern portion of Site was installed approximately 70 feet below the bottom of excavation (i.e. approximately 82 feet below grade surface). Groundwater was encountered at approximately 55 feet below the bottom of excavation (i.e. approximately 67 feet below grade surface)	
Photo 3 – Due to the difficult drilling conditions (i. e. glacial till), installation of groundwater monitoring well MW-2 required the use of two casings as shown in this photo.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 19, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Installation of groundwater monitoring well at western portion of Site.
2. Installation of west and south perimeter concrete wall.
3. Removal of boulders and soils for off-site disposal.

Working In Grid #: 11, 16, 26-30, and 21 (for well installation only).

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

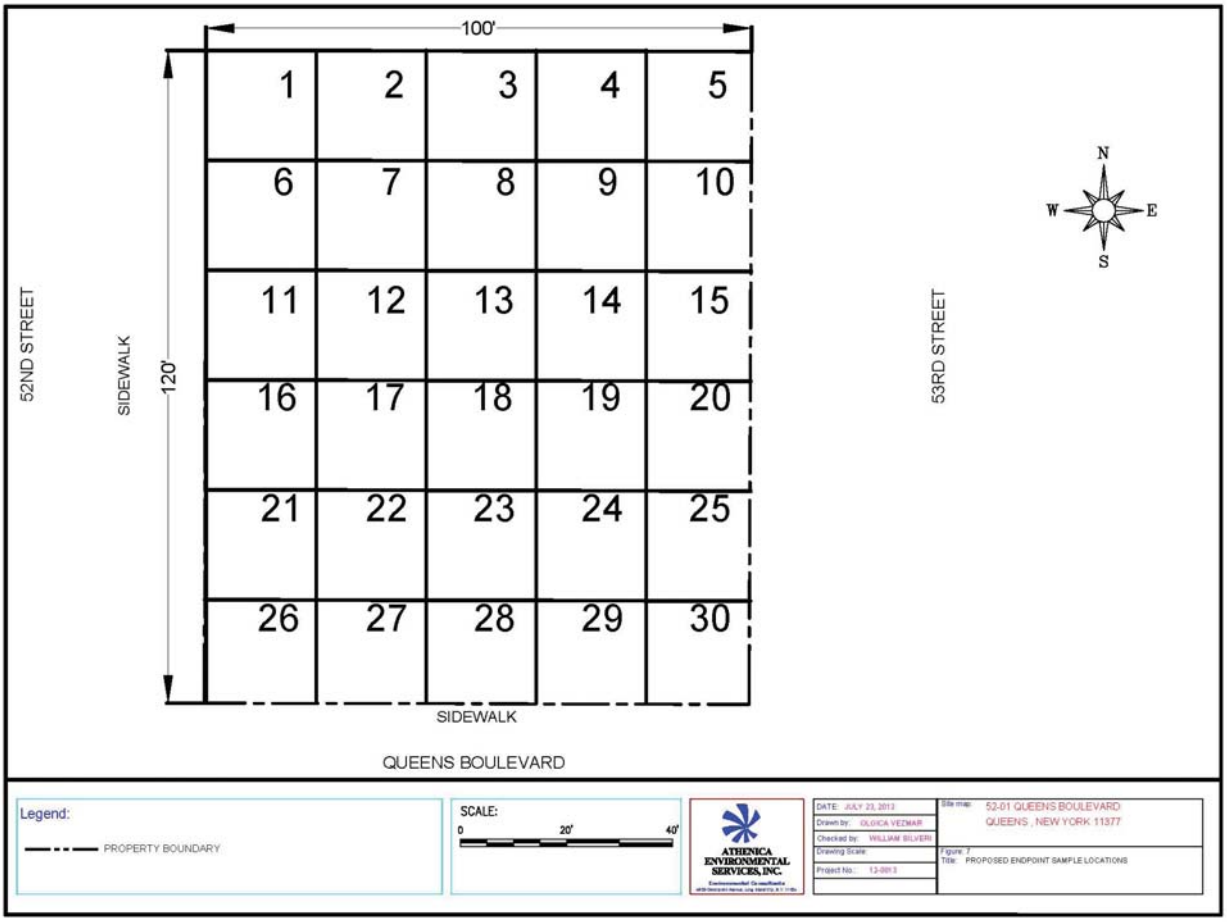
Installation of concrete foundation walls along the south perimeter of the Site, installation of vapor barrier on the foundation walls at the west and south portions of the Site, excavation of soils for installation of footings within the proposed basement, and collection of post-excavation soil samples.

 File Name: 2012-9-19.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Fresh Kills Staten, Island, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			1	35	4	20			5	120
Totals (trucks, cu.yds.)	13	25	30	35	4	20			25	600

Site Grid Map



 File Name: 2012-9-19.12CVCP066QDailyReport

Photo Log

Photo 1 – Native soils were removed from the Site for off-site disposal at Fresh Kills	
Photo 2 – Large boulders and concrete from perimeter foundation wall were loaded onto a 35-yard truck for disposal at Power Crush	
Photo 3 – A public catch basin at the corner of Queens Boulevard and 52nd Street and adjacent to the Site overflowed during last night's storm. Water from the overflow from the catch basin was able to enter the northwest portion of the Site.	

 File Name: 2012-9-19.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 20, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Installation of groundwater monitoring wells at southwest and northeast portions of Site.
2. Excavation and off-site disposal of clean native soils.
3. Removal of boulders and soils for off-site disposal.
4. Installation of vapor barrier along west perimeter foundation wall.

Working In Grid #: 23, 24, 28, 29, 4 (for well installation only), and 21 (well installation only.

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

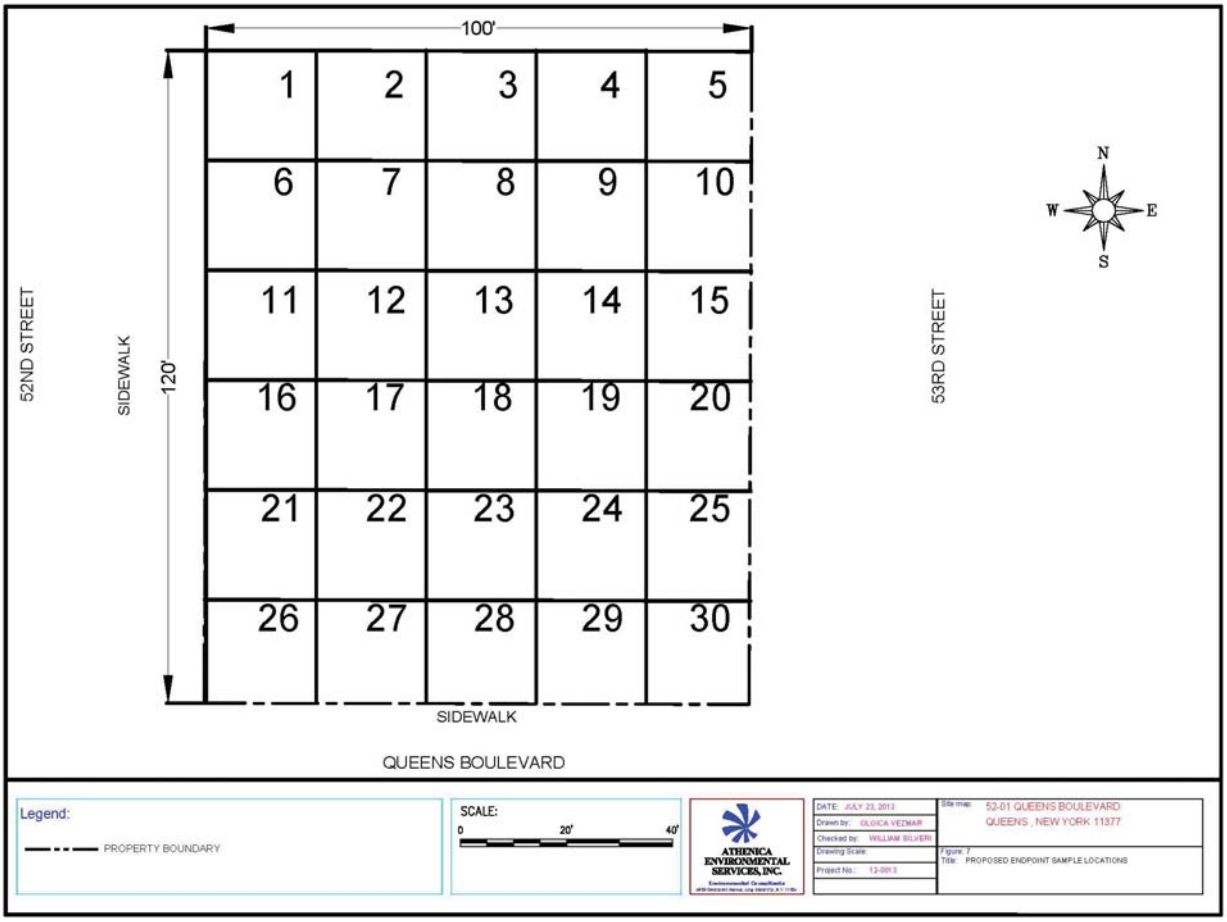
Installation of concrete foundation walls along the south perimeter of the Site, installation of vapor barrier on the foundation walls at the south portions of the Site, excavation of soils for installation of footings within the proposed basement, and collection of post-excavation soil samples.

 File Name: 2012-9-20.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Fresh Kills Staten, Island, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			5	35	19	20			5	120
Totals (trucks, cu.yds.)	13	25	35	35	23	20			25	600

Site Grid Map



 File Name: 2012-9-20.12CVCP066QDailyReport

Photo Log

Photo 1 – Native soils were removed from the Site for off-site disposal at Fresh Kills	
Photo 2 – A larger replacement sonic rig was utilized to complete the installation of permanent groundwater monitoring wells at the Site.	
Photo 3 – Monitoring well MW-1 installed on September 14th was removed yesterday and reinstalled today to 75 feet below bottom of excavation (approximately 87 feet below grade surface).	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 21, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Development of groundwater monitoring wells.
2. Excavation and off-site disposal of clean native soils.
3. Removal of boulders and soils for off-site disposal.

Note: excavation and off-site disposal of native soils completed today. Remaining native soils will be utilized as fill behind foundation walls.

Working In Grid #: 21 through 30; 4, 21 and 25(well development only)

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

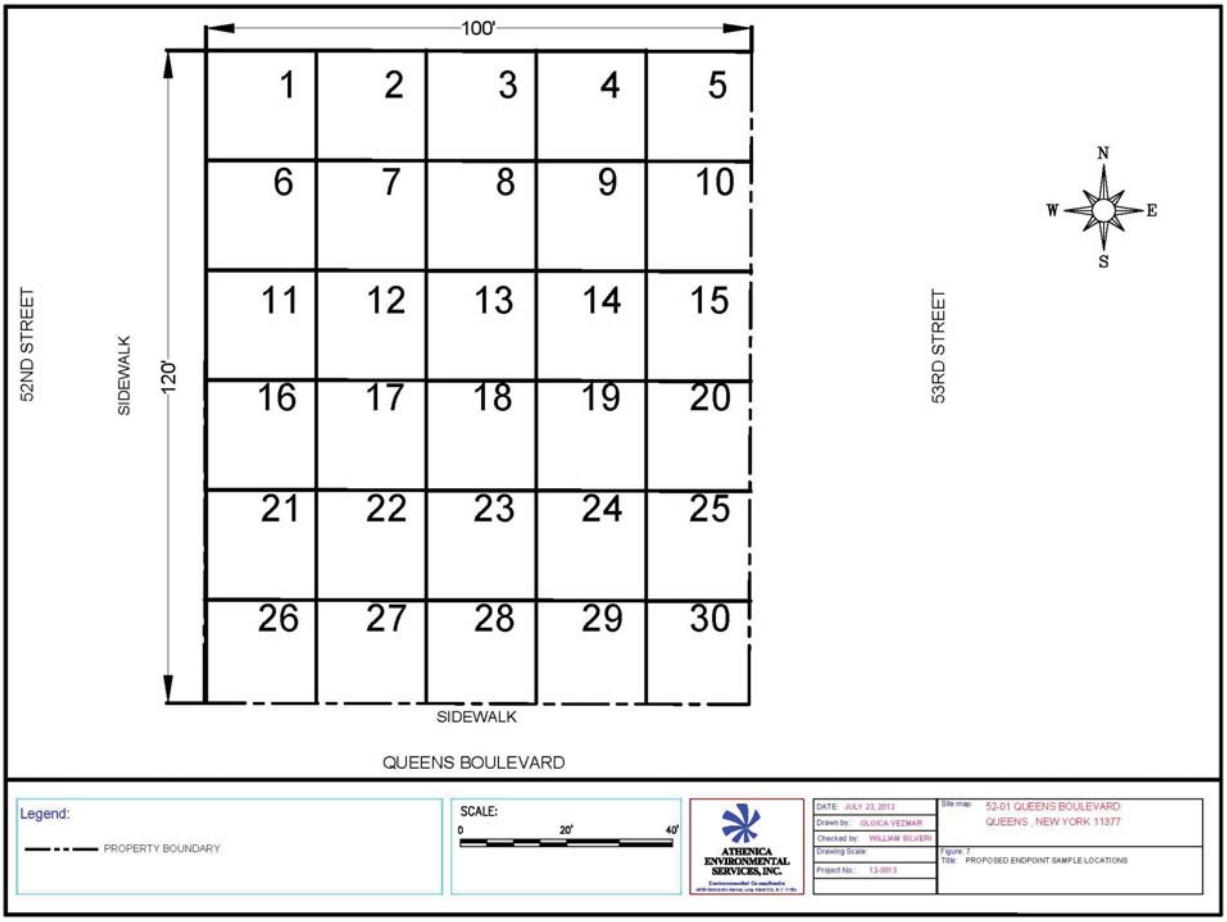
Collection of post-excavation soil samples and collection of post-remediation groundwater samples.

 File Name: 2012-9-21.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Fresh Kills Staten, Island, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
			2	35	15	20			5	120
Totals (trucks, cu.yds.)	13	25	37	35	38	20			25	600

Site Grid Map



 File Name: 2012-9-21.12CVCP066QDailyReport

Photo Log

Photo 1 – Native soils were removed from the Site for off-site disposal at Fresh Kills	
Photo 2 – The groundwater monitoring wells were developed utilizing a submersible pump.	
Photo 3 – Development water from groundwater wells were containerized in 55-gallon drums, which will be disposed off-site facility based on groundwater sampling results	

 File Name: 2012-9-21.12CVCP066QDailyReport

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Sep 25, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Sheeting/Shoring.
2. Installation of perimeter footing and foundation wall at south perimeter (closest to Queens Boulevard).
3. Collection of post-excavation end-point soil samples.

Working In Grid #: 26 through 30; 7, 17, 27, 9, 14, and 24(end-point soil sampling only)

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

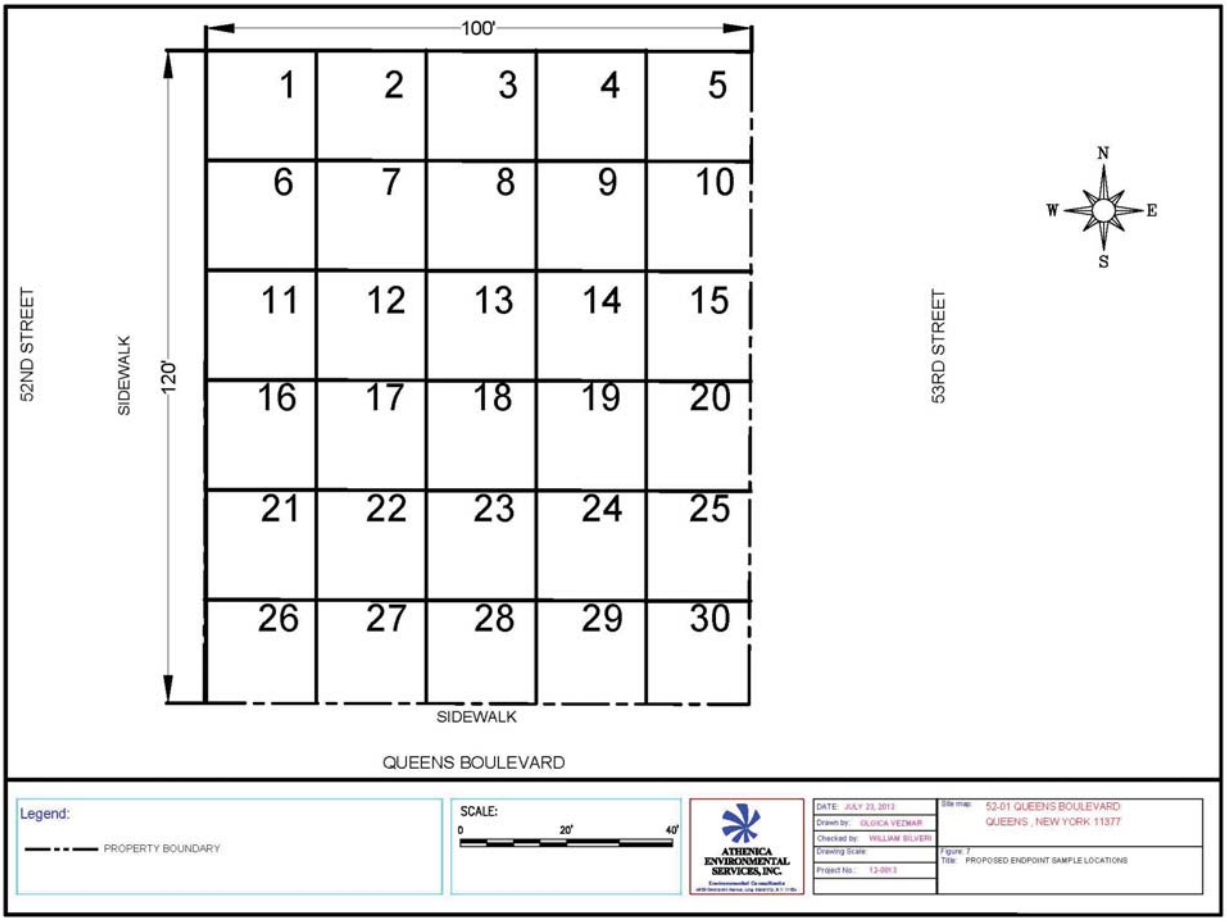
Installation of perimeter foundation wall at south perimeter of Site; installation of vapor barrier behind new foundation wall; and construction of basement floor slab (footings, gravel base, vapor barrier, etc.)

 File Name: 2012-9-25.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Fresh Kills Staten, Island, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	13	25	37	35	38	20			25	600

Site Grid Map



 File Name: 2012-9-25.12CVCP066QDailyReport

Photo Log

Photo 1 – Post-excavation soil samples were collected immediately below the surface of the excavation utilizing a hand auger.	
Photo 2 – Groundwater wells will be sampled on September 28, one week after well development, shown here.	
Photo 3 – Well development water stored in 55-gallon drums will be disposed at an appropriate off-site facility based on groundwater sampling results.	

DAILY STATUS REPORT

Prepared By: William Silveri

WEATHER	Snow	☐	Rain	☐	Overcast	☒	Partly Cloudy	☐	Bright Sun	☐
TEMP.	TO 32	☐	32-50	☐	50-70	☒	70-85	☐	>85	☐

BCP Project No:	12CVCP066Q	E-Number:	E-163	Date:	Oct 26, 2012
Project Name:	52-01 Queens Boulevard, Queens, New York				

Consultant:	Safety Officer:
Athenica Environmental Services, Inc.	Demetri Tsilogiannis
Contractor:	
Duratech Corporation	

Work Activities Performed (Since Last Report):

1. Completion of sheeting and shoring
2. Completion of vapor barrier installation

Working In Grid #: Entire Site (engineering inspection of vapor barrier prior to installation of floor slab)

Samples Collected (Since Last Report):

None

Air Monitoring (Since Last Report):

CAMP

Problems Encountered:

None

Planned Activities for Next Week:

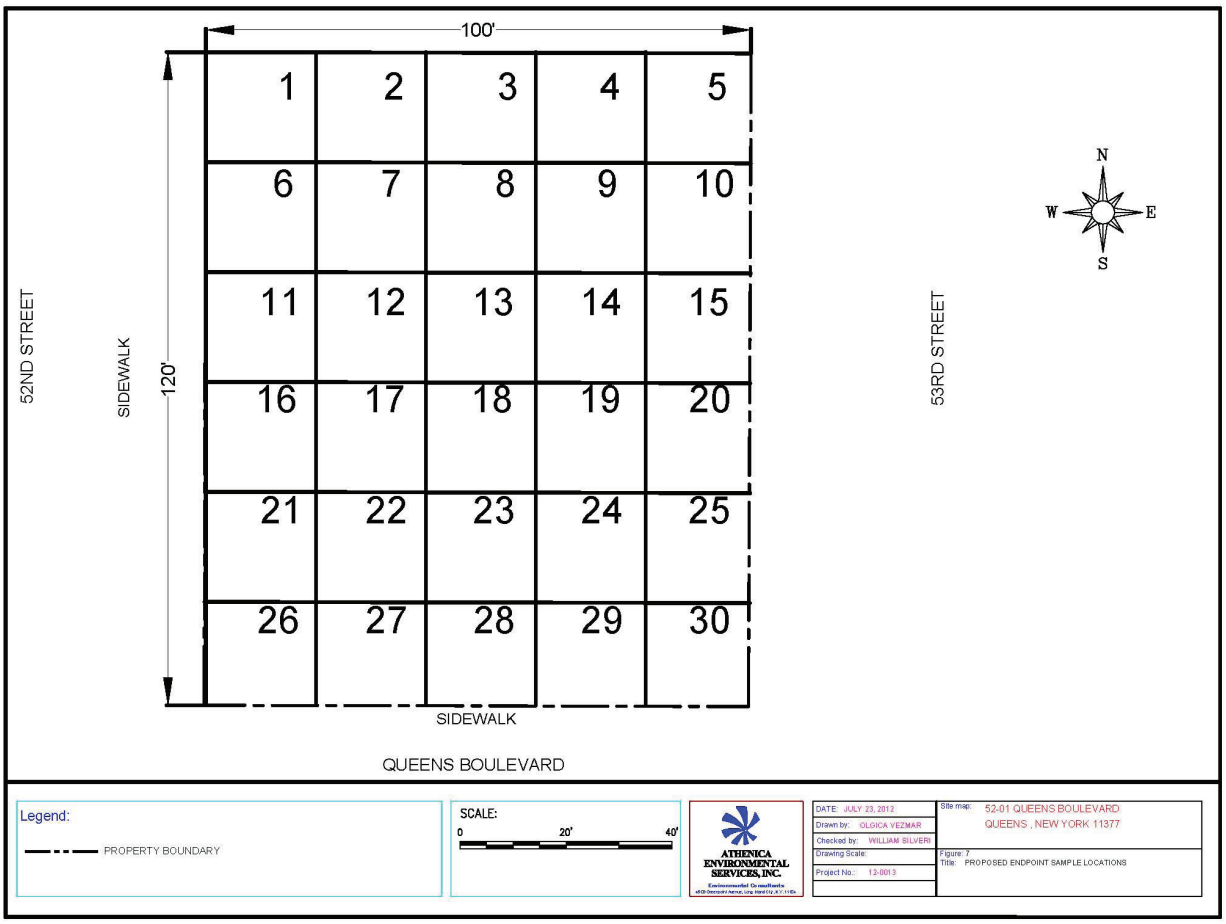
Begin construction of above grade elements of new building

 File Name: 12-10-26.12CVCP066QDailyReport

Example:

Facility # Name/ location type of waste	Clean Earth Careret, NJ Urban Fill Solid		Power Crush Little Neck NY C&D Debris Solid		Fresh Kills Staten, Island, NY Native Soil Solid		Liquid		####### Clean Earth Carteret, NJ petroleum soils trucks (cy) Solid *Or* Liquid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Gallons	Trucks	Cu. Yds. *Or* Gallons
									5	120
Totals (trucks, cu.yds.)	13	25	37	35	38	20			25	600

Site Grid Map



 File Name: 12-10-26.12CVCP066QDailyReport

Photo Log

Photo 1 – Vapor barrier was installed beneath the floor slab prior to installation of the concrete floor slab.	
Photo 2 – Vapor barrier was installed beneath the concrete floor slab.	
Photo 3 – Concrete floor slab covers the entire footprint of the Site.	

 File Name: 12-10-26.12CVCP066QDailyReport

APPENDIX 4

RAW ANALYTICAL LABORATORY DATA FOR SOIL

ALS Environmental

34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

October 9, 2012

Ms. Shana Holberton
Athenica Environmental Service

Certificate of Analysis

Project Name:	**ATS005|12-0013**	Workorder:	**9990285**
Purchase Order:		Workorder ID:	**ATS005|12-0013**

Dear Ms. Holberton,

Enclosed are the analytical results for samples received by the laboratory on Wednesday, September 26, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Anna G Milliken
Technical Manager

ALS Environmental

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SAMPLE SUMMARY

Workorder: 9990285 ATS005|12-0013 Discard Date: 10/23/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9990285001	EP-1 (D)	Solid	9/25/12 10:50	9/26/12 21:00	Shana Holberton
9990285002	EP-1	Solid	9/25/12 10:50	9/26/12 21:00	Shana Holberton
9990285003	EP-2	Solid	9/25/12 11:00	9/26/12 21:00	Shana Holberton
9990285004	EP-3	Solid	9/25/12 11:30	9/26/12 21:00	Shana Holberton
9990285005	EP-4	Solid	9/25/12 11:40	9/26/12 21:00	Shana Holberton
9990285006	EP-5	Solid	9/25/12 11:50	9/26/12 21:00	Shana Holberton
9990285007	EP-6	Solid	9/25/12 12:00	9/26/12 21:00	Shana Holberton
9990285008	FB-9/25/12	Water	9/25/12 12:15	9/26/12 21:00	Shana Holberton

Workorder Comments:

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as “analyze immediately” require analysis within 15 minutes of collection. Any “analyze immediately” parameters not listed under the header “Field Parameters” are performed in the laboratory and are therefore analyzed out of hold time.

Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285001** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1 (D)** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	15.4		ug/kg	11.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Benzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Bromochloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Bromodichloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Bromoform	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Bromomethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
2-Butanone	ND		ug/kg	11.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Carbon Disulfide	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Carbon Tetrachloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Chlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Chlorodibromomethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Chloroethane	ND		ug/kg	5.6	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Chloroform	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Chloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,2-Dibromo-3-chloropropane	ND	1	ug/kg	5.6	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,2-Dibromoethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,2-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,3-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,4-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,1-Dichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,2-Dichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,1-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Ethylbenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
2-Hexanone	ND	2	ug/kg	11.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	11.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Methylene Chloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Styrene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Tetrachloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Toluene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Total Xylenes	ND		ug/kg	6.8	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,1,1-Trichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
1,1,2-Trichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Trichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285001** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1 (D)** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
o-Xylene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
mp-Xylene	ND		ug/kg	4.5	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	104		%	56-124	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
4-Bromofluorobenzene (S)	110		%	51-128	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Dibromofluoromethane (S)	104		%	62-123	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
Toluene-d8 (S)	105		%	59-131	8260/5035	9/27/12	GLQ	9/28/12 03:12	GLQ	A2
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			9/28/12 03:12	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Acenaphthylene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Anthracene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Benzo(a)anthracene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Benzo(a)pyrene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Butylbenzylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Carbazole	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Chloroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
bis(2-Chloroethyl)ether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Chloronaphthalene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Chlorophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Chrysene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
mp-Cresol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
o-Cresol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Dibenzofuran	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	165	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285001** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1 (D)** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Diethylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Dimethylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
bis(2-Ethylhexyl)phthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Fluoranthene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Fluorene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Hexachlorobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Hexachlorobutadiene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Hexachloroethane	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Isophorone	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Methylnaphthalene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Naphthalene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
3-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Nitrobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Nitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
4-Nitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
N-Nitrosodiphenylamine	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Pentachlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Phenanthrene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Phenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Pyrene	ND		ug/kg	55.1	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Fluorobiphenyl (S)	88.3		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
2-Fluorophenol (S)	86.2		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285001** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1 (D)** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	85.9		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Phenol-d5 (S)	82.8		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
Terphenyl-d14 (S)	104		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 10:38	DHF	B4
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1016	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1221	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1232	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1242	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1248	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1254	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Aroclor-1260	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	51.8		%	46-120	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
Tetrachloro-m-xylene (S)	90.2		%	52-115	SW846 8082A	9/27/12	CJG	9/28/12 03:26	JJH	B2
PESTICIDES										
Aldrin	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
alpha-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
beta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
delta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
gamma-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
alpha-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
gamma-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
4,4'-DDD	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
4,4'-DDE	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
4,4'-DDT	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Dieldrin	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endosulfan I	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endosulfan II	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endrin	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Endrin Ketone	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Heptachlor	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Methoxychlor	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Toxaphene	ND		ug/kg	74.1	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285001** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1 (D)** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	87.8		%	30-135	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
Tetrachloro-m-xylene (S)	100		%	30-111	SW846 8081B	9/27/12	CJG	9/28/12 03:38	KJH	B1
WET CHEMISTRY										
Moisture	9.2		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	90.8		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	6210		mg/kg	10.6	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Antimony, Total	ND		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Arsenic, Total	ND		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Barium, Total	40.2		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Beryllium, Total	ND		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Cadmium, Total	ND		mg/kg	0.53	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Calcium, Total	1490		mg/kg	10.6	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Chromium, Total	12.1		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Cobalt, Total	4.1		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Copper, Total	9.3		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Iron, Total	10600		mg/kg	10.6	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Lead, Total	3.9		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Magnesium, Total	1800		mg/kg	10.6	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Manganese, Total	257		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Mercury, Total	ND		mg/kg	0.049	SW846 7471B	10/3/12	MNP	10/3/12 15:08	MNP	B5
Nickel, Total	9.9		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Potassium, Total	1200		mg/kg	53.0	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Selenium, Total	ND		mg/kg	5.3	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Silver, Total	ND		mg/kg	0.53	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Sodium, Total	151		mg/kg	53.0	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Thallium, Total	ND		mg/kg	3.2	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Vanadium, Total	17.8		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3
Zinc, Total	19.5		mg/kg	2.1	SW846 6010C	10/1/12	KMK	10/2/12 07:41	JWK	B3

Sample Comments:

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID:	**9990285001**	Date Collected:	9/25/2012 10:50	Matrix:	Solid
Sample ID:	**EP-1 (D)**	Date Received:	9/26/2012 21:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285002** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	17.1		ug/kg	11.4	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Benzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Bromochloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Bromodichloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Bromoform	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Bromomethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
2-Butanone	ND		ug/kg	11.4	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Carbon Disulfide	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Carbon Tetrachloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Chlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Chlorodibromomethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Chloroethane	ND		ug/kg	5.7	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Chloroform	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Chloromethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.7	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,2-Dibromoethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,2-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,3-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,4-Dichlorobenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,1-Dichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,2-Dichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,1-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,2-Dichloropropane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Ethylbenzene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
2-Hexanone	ND		ug/kg	11.4	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	11.4	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Methylene Chloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Styrene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Tetrachloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Toluene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Total Xylenes	ND		ug/kg	6.8	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,1,1-Trichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
1,1,2-Trichloroethane	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Trichloroethene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285002** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
o-Xylene	ND		ug/kg	2.3	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
mp-Xylene	ND		ug/kg	4.5	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	104		%	56-124	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
4-Bromofluorobenzene (S)	107		%	51-128	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Dibromofluoromethane (S)	103		%	62-123	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
Toluene-d8 (S)	104		%	59-131	8260/5035	9/27/12	GLQ	9/28/12 03:41	GLQ	A2
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			9/28/12 03:41	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Acenaphthylene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Anthracene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Benzo(a)anthracene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Benzo(a)pyrene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Butylbenzylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Carbazole	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Chloroaniline	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
bis(2-Chloroethyl)ether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Chloronaphthalene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Chlorophenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Chrysene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
mp-Cresol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
o-Cresol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Dibenzofuran	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	167	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285002** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Diethylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Dimethylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
bis(2-Ethylhexyl)phthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Fluoranthene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Fluorene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Hexachlorobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Hexachlorobutadiene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Hexachloroethane	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Isophorone	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Methylnaphthalene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Naphthalene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Nitroaniline	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
3-Nitroaniline	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Nitroaniline	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Nitrobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Nitrophenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
4-Nitrophenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
N-Nitrosodiphenylamine	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Pentachlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Phenanthrene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Phenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Pyrene	ND		ug/kg	55.7	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	301	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.6		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Fluorobiphenyl (S)	87.5		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
2-Fluorophenol (S)	85.2		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285002** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	87.2		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Phenol-d5 (S)	89.2		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
Terphenyl-d14 (S)	100		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 11:10	DHF	B4
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1016	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1221	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1232	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1242	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1248	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1254	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Aroclor-1260	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	65		%	46-120	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
Tetrachloro-m-xylene (S)	83.4		%	52-115	SW846 8082A	9/27/12	CJG	9/28/12 04:02	JJH	B2
PESTICIDES										
Aldrin	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
alpha-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
beta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
delta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
gamma-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
alpha-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
gamma-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
4,4'-DDD	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
4,4'-DDE	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
4,4'-DDT	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Dieldrin	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endosulfan I	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endosulfan II	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endrin	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Endrin Ketone	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Heptachlor	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Methoxychlor	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Toxaphene	ND		ug/kg	75.5	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285002** Date Collected: 9/25/2012 10:50 Matrix: Solid

Sample ID: **EP-1** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	85.7		%	30-135	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
Tetrachloro-m-xylene (S)	94.1		%	30-111	SW846 8081B	9/27/12	CJG	9/28/12 04:00	KJH	B1
WET CHEMISTRY										
Moisture	10.9		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	89.1		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	4570		mg/kg	9.8	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Antimony, Total	ND		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Arsenic, Total	ND		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Barium, Total	34.6		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Beryllium, Total	ND		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Cadmium, Total	ND		mg/kg	0.49	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Calcium, Total	1270	3	mg/kg	9.8	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Chromium, Total	10.2		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Cobalt, Total	3.5		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Copper, Total	9.1		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Iron, Total	9320		mg/kg	9.8	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Lead, Total	2.9		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Magnesium, Total	1650	3	mg/kg	9.8	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Manganese, Total	242		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Mercury, Total	ND		mg/kg	0.047	SW846 7471B	10/3/12	MNP	10/3/12 15:13	MNP	B5
Nickel, Total	8.6		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Potassium, Total	937	3	mg/kg	49.2	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Selenium, Total	ND		mg/kg	4.9	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Silver, Total	ND		mg/kg	0.49	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Sodium, Total	113		mg/kg	49.2	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Thallium, Total	ND		mg/kg	3.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Vanadium, Total	15.8		mg/kg	0.98	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3
Zinc, Total	16.2		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 07:45	JWK	B3

Sample Comments:

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID:	**9990285002**	Date Collected:	9/25/2012 10:50	Matrix:	Solid
Sample ID:	**EP-1**	Date Received:	9/26/2012 21:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285003** Date Collected: 9/25/2012 11:00 Matrix: Solid

Sample ID: **EP-2** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	17.7		ug/kg	10	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Benzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Bromochloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Bromodichloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Bromoform	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Bromomethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
2-Butanone	ND		ug/kg	10	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Carbon Disulfide	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Carbon Tetrachloride	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Chlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Chlorodibromomethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Chloroethane	ND		ug/kg	5.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Chloroform	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Chloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,2-Dibromoethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,2-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,3-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,4-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,1-Dichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,2-Dichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,1-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,2-Dichloropropane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Ethylbenzene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
2-Hexanone	ND		ug/kg	10	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Methylene Chloride	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Styrene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Tetrachloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Toluene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Total Xylenes	ND		ug/kg	6.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,1,1-Trichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
1,1,2-Trichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Trichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285003** Date Collected: 9/25/2012 11:00 Matrix: Solid

Sample ID: **EP-2** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
o-Xylene	ND		ug/kg	2.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
mp-Xylene	ND		ug/kg	4.0	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	101		%	56-124	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
4-Bromofluorobenzene (S)	106		%	51-128	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Dibromofluoromethane (S)	104		%	62-123	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
Toluene-d8 (S)	103		%	59-131	8260/5035	9/27/12	GLQ	9/28/12 04:11	GLQ	A2
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			9/28/12 04:11	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Acenaphthylene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Anthracene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Benzo(a)anthracene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Benzo(a)pyrene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Butylbenzylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Carbazole	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Chloroaniline	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
bis(2-Chloroethyl)ether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Chloronaphthalene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Chlorophenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Chrysene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
mp-Cresol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
o-Cresol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Dibenzofuran	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	166	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285003** Date Collected: 9/25/2012 11:00 Matrix: Solid

Sample ID: **EP-2** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Diethylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Dimethylphthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
bis(2-Ethylhexyl)phthalate	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Fluoranthene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Fluorene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Hexachlorobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Hexachlorobutadiene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Hexachloroethane	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Isophorone	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Methylnaphthalene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Naphthalene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Nitroaniline	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
3-Nitroaniline	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Nitroaniline	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Nitrobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Nitrophenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
4-Nitrophenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
N-Nitrosodiphenylamine	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Pentachlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Phenanthrene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Phenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Pyrene	ND		ug/kg	55.3	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	299	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	111	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	80.9		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Fluorobiphenyl (S)	85.9		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
2-Fluorophenol (S)	84.2		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285003** Date Collected: 9/25/2012 11:00 Matrix: Solid

Sample ID: **EP-2** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	80		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Phenol-d5 (S)	87.7		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
Terphenyl-d14 (S)	102		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 11:41	DHF	B4
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1016	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1221	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1232	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1242	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1248	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1254	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Aroclor-1260	ND		mg/kg	0.036	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	60.4		%	46-120	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
Tetrachloro-m-xylene (S)	76.3		%	52-115	SW846 8082A	9/27/12	CJG	9/28/12 04:20	JJH	B2
PESTICIDES										
Aldrin	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
alpha-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
beta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
delta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
gamma-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
alpha-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
gamma-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
4,4'-DDD	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
4,4'-DDE	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
4,4'-DDT	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Dieldrin	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endosulfan I	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endosulfan II	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endrin	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Endrin Ketone	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Heptachlor	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Methoxychlor	ND		ug/kg	3.6	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Toxaphene	ND		ug/kg	75.9	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285003** Date Collected: 9/25/2012 11:00 Matrix: Solid

Sample ID: **EP-2** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	85.7		%	30-135	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
Tetrachloro-m-xylene (S)	97.3		%	30-111	SW846 8081B	9/27/12	CJG	9/28/12 04:21	KJH	B1
WET CHEMISTRY										
Moisture	9.6		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	90.4		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	5990		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Antimony, Total	ND		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Arsenic, Total	2.2		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Barium, Total	40.5		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Beryllium, Total	ND		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Cadmium, Total	ND		mg/kg	0.48	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Calcium, Total	23400		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Chromium, Total	12.3		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Cobalt, Total	4.7		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Copper, Total	10.8		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Iron, Total	13500		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Lead, Total	7.1		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Magnesium, Total	13600		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Manganese, Total	269		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Mercury, Total	ND		mg/kg	0.048	SW846 7471B	10/3/12	MNP	10/3/12 15:14	MNP	B5
Nickel, Total	11.0		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Potassium, Total	1180		mg/kg	47.7	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Selenium, Total	ND		mg/kg	4.8	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Silver, Total	ND		mg/kg	0.48	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Sodium, Total	132		mg/kg	47.7	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Thallium, Total	ND		mg/kg	2.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Vanadium, Total	19.0		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3
Zinc, Total	26.0		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:03	JWK	B3

Sample Comments:

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID:	**9990285003**	Date Collected:	9/25/2012 11:00	Matrix:	Solid
Sample ID:	**EP-2**	Date Received:	9/26/2012 21:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285004** Date Collected: 9/25/2012 11:30 Matrix: Solid

Sample ID: **EP-3** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	23.7		ug/kg	13.1	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Benzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Bromochloromethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Bromodichloromethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Bromoform	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Bromomethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
2-Butanone	ND		ug/kg	13.1	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Carbon Disulfide	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Carbon Tetrachloride	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Chlorobenzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Chlorodibromomethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Chloroethane	ND		ug/kg	6.5	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Chloroform	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Chloromethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.5	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,2-Dibromoethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,2-Dichlorobenzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,3-Dichlorobenzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,4-Dichlorobenzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,1-Dichloroethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,2-Dichloroethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,1-Dichloroethene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,2-Dichloropropane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Ethylbenzene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
2-Hexanone	ND		ug/kg	13.1	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	13.1	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Methylene Chloride	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Styrene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Tetrachloroethene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Toluene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Total Xylenes	ND		ug/kg	7.9	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,1,1-Trichloroethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
1,1,2-Trichloroethane	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Trichloroethene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285004** Date Collected: 9/25/2012 11:30 Matrix: Solid

Sample ID: **EP-3** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
o-Xylene	ND		ug/kg	2.6	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
mp-Xylene	ND		ug/kg	5.2	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	103		%	56-124	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
4-Bromofluorobenzene (S)	106		%	51-128	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Dibromofluoromethane (S)	103		%	62-123	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
Toluene-d8 (S)	104		%	59-131	8260/5035	9/27/12	GLQ	9/28/12 04:40	GLQ	A2
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			9/28/12 04:40	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Acenaphthylene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Anthracene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Benzo(a)anthracene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Benzo(a)pyrene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Butylbenzylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Carbazole	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Chloroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
bis(2-Chloroethyl)ether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Chloronaphthalene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Chlorophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Chrysene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
mp-Cresol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
o-Cresol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Dibenzofuran	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	165	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285004** Date Collected: 9/25/2012 11:30 Matrix: Solid

Sample ID: **EP-3** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Diethylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Dimethylphthalate	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
bis(2-Ethylhexyl)phthalate	755		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Fluoranthene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Fluorene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Hexachlorobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Hexachlorobutadiene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Hexachloroethane	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Isophorone	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Methylnaphthalene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Naphthalene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
3-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Nitroaniline	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Nitrobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Nitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
4-Nitrophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
N-Nitrosodiphenylamine	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Pentachlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Phenanthrene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Phenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Pyrene	ND		ug/kg	55.0	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	297	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.2		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Fluorobiphenyl (S)	88.9		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
2-Fluorophenol (S)	84.9		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285004** Date Collected: 9/25/2012 11:30 Matrix: Solid

Sample ID: **EP-3** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	80.8		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Phenol-d5 (S)	90.6		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
Terphenyl-d14 (S)	101		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 12:12	DHF	B4
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1016	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1221	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1232	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1242	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1248	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1254	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Aroclor-1260	ND		mg/kg	0.035	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	65.6		%	46-120	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
Tetrachloro-m-xylene (S)	90		%	52-115	SW846 8082A	9/27/12	CJG	9/28/12 04:38	JJH	B2
PESTICIDES										
Aldrin	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
alpha-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
beta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
delta-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
gamma-BHC	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
alpha-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
gamma-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
4,4'-DDD	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
4,4'-DDE	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
4,4'-DDT	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Dieldrin	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endosulfan I	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endosulfan II	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endrin	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Endrin Ketone	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Heptachlor	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.8	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Methoxychlor	ND		ug/kg	3.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Toxaphene	ND		ug/kg	74.5	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285004** Date Collected: 9/25/2012 11:30 Matrix: Solid

Sample ID: **EP-3** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	81.5		%	30-135	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
Tetrachloro-m-xylene (S)	89.4		%	30-111	SW846 8081B	9/27/12	CJG	9/28/12 04:43	KJH	B1
WET CHEMISTRY										
Moisture	9.1		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	90.9		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	4700		mg/kg	10	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Antimony, Total	ND		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Arsenic, Total	ND		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Barium, Total	32.8		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Beryllium, Total	ND		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Cadmium, Total	ND		mg/kg	0.50	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Calcium, Total	1670		mg/kg	10	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Chromium, Total	13.4		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Cobalt, Total	4.2		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Copper, Total	10.9		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Iron, Total	11100		mg/kg	10	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Lead, Total	7.1		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Magnesium, Total	1780		mg/kg	10	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Manganese, Total	252		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Mercury, Total	ND		mg/kg	0.055	SW846 7471B	10/3/12	MNP	10/3/12 15:15	MNP	B5
Nickel, Total	9.6		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Potassium, Total	869		mg/kg	50.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Selenium, Total	ND		mg/kg	5.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Silver, Total	ND		mg/kg	0.50	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Sodium, Total	87.9		mg/kg	50.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Thallium, Total	ND		mg/kg	3.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Vanadium, Total	20.1		mg/kg	1.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3
Zinc, Total	23.0		mg/kg	2.0	SW846 6010C	10/1/12	KMK	10/2/12 08:07	JWK	B3

Sample Comments:

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID:	**9990285004**	Date Collected:	9/25/2012 11:30	Matrix:	Solid
Sample ID:	**EP-3**	Date Received:	9/26/2012 21:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285005** Date Collected: 9/25/2012 11:40 Matrix: Solid

Sample ID: **EP-4** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	10.1		ug/kg	9.7	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Benzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Bromochloromethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Bromodichloromethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Bromoform	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Bromomethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
2-Butanone	ND		ug/kg	9.7	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Carbon Disulfide	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Carbon Tetrachloride	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Chlorobenzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Chlorodibromomethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Chloroethane	ND		ug/kg	4.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Chloroform	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Chloromethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,2-Dibromoethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,2-Dichlorobenzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,3-Dichlorobenzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,4-Dichlorobenzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,1-Dichloroethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,2-Dichloroethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,1-Dichloroethene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
cis-1,2-Dichloroethene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
trans-1,2-Dichloroethene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,2-Dichloropropane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
cis-1,3-Dichloropropene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
trans-1,3-Dichloropropene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Ethylbenzene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
2-Hexanone	ND		ug/kg	9.7	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	9.7	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Methylene Chloride	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Styrene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Tetrachloroethene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Toluene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Total Xylenes	ND		ug/kg	5.8	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,1,1-Trichloroethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
1,1,2-Trichloroethane	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Trichloroethene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285005** Date Collected: 9/25/2012 11:40 Matrix: Solid

Sample ID: **EP-4** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
o-Xylene	ND		ug/kg	1.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
mp-Xylene	ND		ug/kg	3.9	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	101		%	56-124	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
4-Bromofluorobenzene (S)	110		%	51-128	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Dibromofluoromethane (S)	104		%	62-123	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
Toluene-d8 (S)	106		%	59-131	8260/5035	9/27/12	GLQ	9/28/12 05:09	GLQ	A2
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			9/28/12 05:09	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Acenaphthylene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Anthracene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Benzo(a)anthracene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Benzo(a)pyrene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Benzo(b)fluoranthene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Benzo(g,h,i)perylene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Benzo(k)fluoranthene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Bromophenyl-phenylether	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Butylbenzylphthalate	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Carbazole	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Chloro-3-methylphenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Chloroaniline	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
bis(2-Chloroethoxy)methane	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
bis(2-Chloroethyl)ether	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
bis(2-Chloroisopropyl)ether	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Chloronaphthalene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Chlorophenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Chlorophenyl-phenylether	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Chrysene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
mp-Cresol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
o-Cresol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Di-n-Butylphthalate	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Di-n-Octylphthalate	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Dibenzo(a,h)anthracene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Dibenzofuran	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
3,3-Dichlorobenzidine	ND		ug/kg	164	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285005** Date Collected: 9/25/2012 11:40 Matrix: Solid

Sample ID: **EP-4** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2,4-Dichlorophenol	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Diethylphthalate	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,4-Dimethylphenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Dimethylphthalate	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,4-Dinitrophenol	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,4-Dinitrotoluene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,6-Dinitrotoluene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
bis(2-Ethylhexyl)phthalate	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Fluoranthene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Fluorene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Hexachlorobenzene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Hexachlorobutadiene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Hexachlorocyclopentadiene	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Hexachloroethane	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Indeno(1,2,3-cd)pyrene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Isophorone	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Methyl-4,6-dinitrophenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Methylnaphthalene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Naphthalene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Nitroaniline	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
3-Nitroaniline	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Nitroaniline	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Nitrobenzene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Nitrophenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
4-Nitrophenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
N-Nitroso-di-n-propylamine	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
N-Nitrosodiphenylamine	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Pentachlorophenol	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Phenanthrene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Phenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Pyrene	ND		ug/kg	54.7	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
1,2,4-Trichlorobenzene	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,4,5-Trichlorophenol	ND		ug/kg	295	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2,4,6-Trichlorophenol	ND		ug/kg	109	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	82		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Fluorobiphenyl (S)	87.8		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
2-Fluorophenol (S)	91.3		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285005** Date Collected: 9/25/2012 11:40 Matrix: Solid

Sample ID: **EP-4** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	92.2		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Phenol-d5 (S)	87.1		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
Terphenyl-d14 (S)	102		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 12:44	DHF	B5
PCBs										
Total Polychlorinated Biphenyl	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1016	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1221	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1232	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1242	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1248	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1254	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Aroclor-1260	ND		mg/kg	0.037	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	86.9		%	46-120	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
Tetrachloro-m-xylene (S)	0	4	%	52-115	SW846 8082A	9/28/12	CJG	9/29/12 09:24	JJH	B3
PESTICIDES										
Aldrin	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
alpha-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
beta-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
delta-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
gamma-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
alpha-Chlordane	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
gamma-Chlordane	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
4,4'-DDD	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
4,4'-DDE	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
4,4'-DDT	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Dieldrin	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endosulfan I	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endosulfan II	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endrin	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Endrin Ketone	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Heptachlor	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Methoxychlor	ND		ug/kg	3.7	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Toxaphene	ND		ug/kg	77.6	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285005** Date Collected: 9/25/2012 11:40 Matrix: Solid

Sample ID: **EP-4** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	80.1		%	30-135	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
Tetrachloro-m-xylene (S)	83.6		%	30-111	SW846 8081B	9/28/12	CJG	9/28/12 22:36	KJH	B1
WET CHEMISTRY										
Moisture	10.4		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	89.6		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	4670		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Antimony, Total	ND		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Arsenic, Total	ND		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Barium, Total	30.0		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Beryllium, Total	ND		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Cadmium, Total	ND		mg/kg	0.47	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Calcium, Total	1140		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Chromium, Total	12.9		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Cobalt, Total	4.2		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Copper, Total	10.1		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Iron, Total	11100		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Lead, Total	3.4		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Magnesium, Total	1930		mg/kg	9.5	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Manganese, Total	251		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Mercury, Total	ND		mg/kg	0.054	SW846 7471B	10/3/12	MNP	10/3/12 15:16	MNP	B6
Nickel, Total	10.1		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Potassium, Total	819		mg/kg	47.3	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Selenium, Total	ND		mg/kg	4.7	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Silver, Total	ND		mg/kg	0.47	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Sodium, Total	72.6		mg/kg	47.3	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Thallium, Total	ND		mg/kg	2.8	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Vanadium, Total	17.6		mg/kg	0.95	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4
Zinc, Total	19.8		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:11	JWK	B4

Sample Comments:

ALS Environmental
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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID:	**9990285005**	Date Collected:	9/25/2012 11:40	Matrix:	Solid
Sample ID:	**EP-4**	Date Received:	9/26/2012 21:00		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	20.9		ug/kg	10.7	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Benzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Bromochloromethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Bromodichloromethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Bromoform	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Bromomethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
2-Butanone	ND		ug/kg	10.7	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Carbon Disulfide	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Carbon Tetrachloride	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Chlorobenzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Chlorodibromomethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Chloroethane	ND		ug/kg	5.4	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Chloroform	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Chloromethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,2-Dibromoethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,2-Dichlorobenzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,3-Dichlorobenzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,4-Dichlorobenzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,1-Dichloroethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,2-Dichloroethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,1-Dichloroethene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,2-Dichloropropane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Ethylbenzene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
2-Hexanone	ND		ug/kg	10.7	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10.7	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Methylene Chloride	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Styrene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Tetrachloroethene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Toluene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Total Xylenes	ND		ug/kg	6.4	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,1,1-Trichloroethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1,1,2-Trichloroethane	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Trichloroethene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
o-Xylene	ND		ug/kg	2.1	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
mp-Xylene	ND		ug/kg	4.3	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Library Search - Volatiles										
Cyclotetrasiloxane, octamet	9.9	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Undecane	8.0	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Benzene, 1,2,4,5-tetramethy	11.8	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Benzene, pentyl-	7.3	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Dodecane	20.2	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Undecane, 2,6-dimethyl-	5.2	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Benzene, (2-chloro-2-buteny	7.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Benzene, (2-chloro-2-buteny	11.5	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Decane, 1,1'-oxybis-	7.4	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Naphthalene, 1,2,3,4-tetrah	16.5	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Unknown	6.1	J	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Tridecane	18.3	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
1H-Indene, 2,3-dihydro-4,7-	7.9	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Unknown	6.7	J	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	100		%	56-124	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
4-Bromofluorobenzene (S)	96.9		%	51-128	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Dibromofluoromethane (S)	103		%	62-123	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
Toluene-d8 (S)	103		%	59-131	8260/5035	9/27/12	DRS	9/28/12 15:02	DRS	A2
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Acenaphthylene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Anthracene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Benzo(a)anthracene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Benzo(a)pyrene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Butylbenzylphthalate	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Carbazole	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Chloroaniline	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
bis(2-Chloroethyl)ether	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Chloronaphthalene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Chlorophenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Chrysene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
mp-Cresol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
o-Cresol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Dibenzofuran	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	163	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4-Dichlorophenol	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Diethylphthalate	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Dimethylphthalate	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
bis(2-Ethylhexyl)phthalate	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Fluoranthene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Fluorene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Hexachlorobenzene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Hexachlorobutadiene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Hexachloroethane	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Isophorone	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Methylnaphthalene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Naphthalene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Nitroaniline	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
3-Nitroaniline	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Nitroaniline	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Nitrobenzene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Nitrophenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
4-Nitrophenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
N-Nitrosodiphenylamine	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Pentachlorophenol	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Phenanthrene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Phenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Pyrene	ND		ug/kg	54.2	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	293	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	108	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	73.9		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Fluorobiphenyl (S)	80.7		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
2-Fluorophenol (S)	77.2		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Nitrobenzene-d5 (S)	76.9		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Phenol-d5 (S)	80.8		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4
Terphenyl-d14 (S)	95.9		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 13:15	DHF	B4

PCBs

Total Polychlorinated Biphenyl	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1016	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1221	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1232	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1242	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1248	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1254	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Aroclor-1260	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	82.9		%	46-120	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2
Tetrachloro-m-xylene (S)	98		%	52-115	SW846 8082A	9/28/12	CJG	9/29/12 09:42	JJH	B2

PESTICIDES

Aldrin	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
alpha-BHC	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
beta-BHC	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
delta-BHC	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
gamma-BHC	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
alpha-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
gamma-Chlordane	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
4,4'-DDD	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4,4'-DDE	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
4,4'-DDT	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Dieldrin	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endosulfan I	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endosulfan II	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endrin	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Endrin Ketone	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Heptachlor	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.8	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Methoxychlor	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Toxaphene	ND		ug/kg	75.7	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	82.9		%	30-135	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
Tetrachloro-m-xylene (S)	87.6		%	30-111	SW846 8081B	9/28/12	CJG	9/28/12 23:19	KJH	B1
WET CHEMISTRY										
Moisture	9.3		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	90.7		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	4730		mg/kg	10.8	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Antimony, Total	ND		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Arsenic, Total	ND		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Barium, Total	41.2		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Beryllium, Total	ND		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Cadmium, Total	ND		mg/kg	0.54	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Calcium, Total	1550		mg/kg	10.8	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Chromium, Total	13.3		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Cobalt, Total	5.2		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Copper, Total	10.9		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Iron, Total	11500		mg/kg	10.8	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Lead, Total	3.4		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Magnesium, Total	2050		mg/kg	10.8	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Manganese, Total	291		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Mercury, Total	ND		mg/kg	0.054	SW846 7471B	10/3/12	MNP	10/3/12 15:17	MNP	B5
Nickel, Total	11.1		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Potassium, Total	1220		mg/kg	54.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Selenium, Total	ND		mg/kg	5.4	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285006** Date Collected: 9/25/2012 11:50 Matrix: Solid

Sample ID: **EP-5** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Silver, Total	ND		mg/kg	0.54	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Sodium, Total	101		mg/kg	54.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Thallium, Total	ND		mg/kg	3.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Vanadium, Total	20.4		mg/kg	1.1	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3
Zinc, Total	19.1		mg/kg	2.2	SW846 6010C	10/1/12	KMK	10/2/12 08:15	JWK	B3

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	33.8		ug/kg	10	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Benzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Bromochloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Bromodichloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Bromoform	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Bromomethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
2-Butanone	ND		ug/kg	10	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Carbon Disulfide	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Carbon Tetrachloride	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Chlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Chlorodibromomethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Chloroethane	ND		ug/kg	5.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Chloroform	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Chloromethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,2-Dibromoethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,2-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,3-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,4-Dichlorobenzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,1-Dichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,2-Dichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,1-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,2-Dichloropropane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Ethylbenzene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
2-Hexanone	ND		ug/kg	10	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Methylene Chloride	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Styrene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Tetrachloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Toluene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Total Xylenes	ND		ug/kg	6.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,1,1-Trichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
1,1,2-Trichloroethane	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Trichloroethene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
o-Xylene	ND		ug/kg	2.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
mp-Xylene	ND		ug/kg	4.0	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Library Search - Volatiles										
Methylene Chloride	6.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 1,2,3,4-tetrah	21.1	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Tetradecane	25.1	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 5-ethyl-1,2,3,	7.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 6-ethyl-1,2,3,	3.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 1,2,3,4-tetrah	7.9	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
(Z)-2-(1'-PROPENYL)MESITYLE	3.7	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 1,2,3,4-tetrah	4.0	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Cyclotetrasiloxane, octamet	12.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Benzene, 1-cyclohexyl-3-met	4.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Unknown	3.8	J	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Pentadecane	16.8	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Unknown	4.1	J	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Naphthalene, 1,2,3,4-tetrah	3.6	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Cyclohexane, undecyl-	3.7	J N	ug/kg		8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	101		%	56-124	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
4-Bromofluorobenzene (S)	123		%	51-128	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Dibromofluoromethane (S)	103		%	62-123	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
Toluene-d8 (S)	104		%	59-131	8260/5035	9/27/12	DRS	9/28/12 15:31	DRS	A2
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Acenaphthylene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Anthracene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Benzo(a)anthracene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Benzo(a)pyrene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Benzo(b)fluoranthene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Benzo(g,h,i)perylene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Benzo(k)fluoranthene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
4-Bromophenyl-phenylether	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Butylbenzylphthalate	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Carbazole	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
4-Chloro-3-methylphenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
4-Chloroaniline	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
bis(2-Chloroethoxy)methane	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
bis(2-Chloroethyl)ether	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
bis(2-Chloroisopropyl)ether	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Chloronaphthalene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Chlorophenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
4-Chlorophenyl-phenylether	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Chrysene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
mp-Cresol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
o-Cresol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Di-n-Butylphthalate	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Di-n-Octylphthalate	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Dibenzo(a,h)anthracene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Dibenzofuran	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
3,3-Dichlorobenzidine	ND		ug/kg	169	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4-Dichlorophenol	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Diethylphthalate	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4-Dimethylphenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Dimethylphthalate	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4-Dinitrophenol	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4-Dinitrotoluene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,6-Dinitrotoluene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
bis(2-Ethylhexyl)phthalate	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Fluoranthene	77.6		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Fluorene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Hexachlorobenzene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Hexachlorobutadiene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Hexachlorocyclopentadiene	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Hexachloroethane	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Indeno(1,2,3-cd)pyrene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Isophorone	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Methyl-4,6-dinitrophenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Methylnaphthalene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Naphthalene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Nitroaniline	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
3-Nitroaniline	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
4-Nitroaniline	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Nitrobenzene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Nitrophenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
4-Nitrophenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
N-Nitroso-di-n-propylamine	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
N-Nitrosodiphenylamine	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Pentachlorophenol	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Phenanthrene	ND		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Phenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Pyrene	67.2		ug/kg	56.3	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
1,2,4-Trichlorobenzene	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4,5-Trichlorophenol	ND		ug/kg	304	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2,4,6-Trichlorophenol	ND		ug/kg	113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4

Library Search - SemiVolatiles

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	82.1		%	37-123	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Fluorobiphenyl (S)	81.1		%	45-105	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
2-Fluorophenol (S)	78.5		%	35-104	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Nitrobenzene-d5 (S)	81.3		%	41-110	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Phenol-d5 (S)	74.2		%	40-100	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4
Terphenyl-d14 (S)	97.3		%	38-113	SW846 8270D	10/2/12	RMK	10/2/12 13:46	DHF	B4

PCBs

Total Polychlorinated Biphenyl	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1016	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1221	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1232	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1242	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1248	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1254	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Aroclor-1260	ND		mg/kg	0.036	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	79.5		%	46-120	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2
Tetrachloro-m-xylene (S)	74.4		%	52-115	SW846 8082A	9/28/12	CJG	9/29/12 10:00	JJH	B2

PESTICIDES

Aldrin	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
alpha-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
beta-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
delta-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
gamma-BHC	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
alpha-Chlordane	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1

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ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
gamma-Chlordane	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
4,4'-DDD	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
4,4'-DDE	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
4,4'-DDT	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Dieldrin	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endosulfan I	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endosulfan II	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endosulfan Sulfate	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endrin	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endrin Aldehyde	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Endrin Ketone	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Heptachlor	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Heptachlor Epoxide	ND		ug/kg	1.9	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Methoxychlor	ND		ug/kg	3.6	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Toxaphene	ND		ug/kg	76.8	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	77.9		%	30-135	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
Tetrachloro-m-xylene (S)	86.1		%	30-111	SW846 8081B	9/28/12	CJG	9/28/12 23:41	KJH	B1
WET CHEMISTRY										
Moisture	11.2		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
Total Solids	88.8		%	0.1	SM20-2540 G			10/2/12 19:05	LJF	A
METALS										
Aluminum, Total	7060		mg/kg	9.4	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Antimony, Total	ND		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Arsenic, Total	ND		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Barium, Total	41.3		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Beryllium, Total	ND		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Cadmium, Total	ND		mg/kg	0.47	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Calcium, Total	1590		mg/kg	9.4	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Chromium, Total	13.5		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Cobalt, Total	3.9		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Copper, Total	10.7		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Iron, Total	10200		mg/kg	9.4	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Lead, Total	7.1		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Magnesium, Total	1780		mg/kg	9.4	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Manganese, Total	284		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Mercury, Total	ND		mg/kg	0.049	SW846 7471B	10/3/12	MNP	10/3/12 15:18	MNP	B5
Nickel, Total	9.5		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990285 ATS005|12-0013

Lab ID: **9990285007** Date Collected: 9/25/2012 12:00 Matrix: Solid

Sample ID: **EP-6** Date Received: 9/26/2012 21:00

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Potassium, Total	1480		mg/kg	46.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Selenium, Total	ND		mg/kg	4.7	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Silver, Total	ND		mg/kg	0.47	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Sodium, Total	138		mg/kg	46.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Thallium, Total	ND		mg/kg	2.8	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Vanadium, Total	19.8		mg/kg	0.94	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3
Zinc, Total	22.1		mg/kg	1.9	SW846 6010C	10/1/12	KMK	10/2/12 08:19	JWK	B3

Sample Comments:

Anna G Milliken
Technical Manager

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9990285 ATS005|12-0013

PARAMETER QUALIFIERS\FLAGS

[1] The QC sample type MS for method 8260/5035 was outside the control limits for the analyte 1,2-Dibromo-3-chloropropane. The % Recovery was reported as 154 and the control limits were 52 to 151.

[2] The QC sample type MS for method 8260/5035 was outside the control limits for the analyte 2-Hexanone. The % Recovery was reported as 149 and the control limits were 62 to 147.

[3] The recovery of the Matrix Spike (MS) associated to this analyte was outside of the established control limits. The sample was post-digestion spiked, and this matrix spike was within acceptable recovery limits.

[4] The surrogate Tetrachloro-m-xylene for method SW846 8082A was outside of control limits. The % Recovery was reported as 0 and the control limits were 52 to 115. This result was reported at a dilution of 1.

ALS Environmental
Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1
Courier:
Tracking #:
9990285

Co. Name: Athenica Environmental
Contact (Report to): Shana Holberton Phone: (718)784-7490
Address: 45-09 Greenpoint Avenue, Long Island City, NY 11104

Bill to (if different than Report to): PO#:

Project Name/#: 12-0013 ALS Quote #:

TAT: [ ] Normal-Standard TAT is 10 business days. [ ] Rush-Subject to ALS approval and surcharges. Date Required: Approved By:

Email? [X] -Y Sholberton@athenica.com
Fax? [ ] -Y No.:

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	TCL VOCs	TCL SVOCs, TAL Metals, Pesticides/PCBs	Pest/PCB	SVOCs	VOCs	TAL Metals					
							Enter Number of Containers Per Analysis										
1	EP-1 (D)		9/25/12	10:50	G	So	1	1									
2	EP-1			10:50			1	1									
3	EP-2			11:00			1	1									
4	EP-3			11:30			1	1									
5	EP-4			11:40			1	1									
6	EP-5			11:50			1	1									
7	EP-6			12:00			1	1									
8	FB-9/25/12			12:15					2	2	2	1					

***Container Type: CG CG AG AG CG PL
***Container Size: 4oz 8oz 1L 1L 40ml
***Preservative: Ice Ice Ice Ice HCl HNO3

ANALYSES/METHOD REQUESTED

(completed by Sample Receiving) Performed In: Cooler Temp: 1 Therm. ID: TH215 No. of Coolers:
Notes:

	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Circle appropriate Y or N.
	Y N	Y N	Y N	Y N	

	Custody seals Present?	(If present) Seals intact?	Received on ice?	COC/Labels complete/accurate?	Container in good condition?
	Y N	Y N	Y N	N	N

SAMPLED BY (Please Print): Shana Holberton
LOGGED BY (signature): DATE 9/26/12 TIME 2300
REVIEWED BY (signature): DATE 9/27/12 TIME 1200

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Athenica	9/26/12	9:50	2	9.26	950
3	9.26		4 Haroon P	9/26	1900
5 Haroon P	9/26	2100	6	9/26/12	2100
7			8		
9			10		

Data Deliverables: [X] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [X] NY ASP Cat B validation on report [ ] If yes, format type:
EDDs Required?
DOD Criteria Required?
SDWA Forms? → yes [ ] yes [ ] yes [ ] yes [ ] Other
State Samples Collected In? MD [ ] NJ [ ] NY [X] PA [ ]

ALS FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite **Matrix: Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY ***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc. Rev 6/2011

APPENDIX 5

DISPOSAL FACILITY APPROVAL LETTER

CLEANEARTH

Faster, smarter, greener solutions...

July 30, 2012

William Silveri
Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City, New York 11104

Re: Approval Letter
52-01 Queens Boulevard

Dear Mr. Silveri,

Clean Earth of Carteret, Inc. (CEC) has received the analytical packages and supporting data. Based on the site history and laboratory data, the 52-01 Queens Boulevard project material is acceptable into the facility for up to 3,500 cyds. Clean Earth reviewed the following data packages:

- 9966505 (May 24, 2012)
- 9967721 (June 14, 2012)
- 9967991 (June 14, 2012)
- 9976067 (July 10, 2012)

Please provide the approval number when scheduling and include the approval number on all manifests when shipping soils generated from this site. CEC can only accept Non Hazardous petroleum impacted soils. Any soils with free petroleum product or liquids, sludge's, or hazardous waste cannot be accepted.

Clean Earth Inc. and its Subsidiaries would like to thank you in advance for giving us this opportunity to manage this waste stream. Should you have any questions or concerns, please do not hesitate to contact me at 215-734-1400 ext 204.

Sincerely,
CLEAN EARTH INC.

Cheryl L. Coffee
Corporate EH&S Manager

cc: J. Schrof, CEI

APPENDIX 6

NYSDEC BENEFICIAL USE DETERMINATION FOR NATIVE SOIL

OFFICE OF ENVIRONMENTAL REMEDIATION
253 Broadway - 14th Floor
New York, New York 10007

Daniel Walsh, Ph.D.
Director
Tel: (212) 788-8841
Fax: (212) 788-2941

July 31, 2012

Kenneth Brezner
Environmental Engineer 4
New York State Department of Environmental Conservation
47-40 21st Street
Long Island City, NY

Cathy Prather
Division of Solid and Hazardous Materials
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

Dear Mr. Brezner and Ms. Prather,

The New York City Office of Environmental Remediation (OER) would like to request confirmation that reuse of clean native soil that is compliant with 6NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives as modified by 6NYCRR Part 375-6.8(b) Restricted Use Soil Cleanup Objectives, Protection of Groundwater, where the latter is more stringent, from a property located at 52-01 Queens Boulevard in Queens, New York, is eligible for a generic beneficial use determination (BUD) under 6NYCRR Part 360-1.15(b)(7). The property generating the clean native soil is enrolled in the NYC Voluntary Cleanup Program (VCP). The property is lightly contaminated and the clean native soil will be excavated from beneath a surface layer of historical fill that ranges from 0 to 9 feet thick to make room for development of a full basement. The clean native soil will be transferred to the Bush Terminal remedial and restoration project operated by EDC pending DEC's BUD determination. OER has assessed the physical characteristics of the receiving property and has identified proximal ecological uses. EDC will make a separate request to DEC DER and DEC Natural Resources to determine if the material is acceptable for its end use. Under separate cover, we will transmit data for the project. As this project is a stalled development from 2007 and has already been subjected to some excavation, the data set is somewhat complex and we are available to meet later this week to discuss the technical data for soils obtained for this project. Further, once the historic fill is removed, we have requested, and the developer has agreed, to perform additional sampling and chemical analytical testing of the clean native soil for confirmatory purposes.

The clean native soil reused and recycled from this property is uncontaminated, will be excavated as part of a construction project and will be used as a fill material in place of soil native to the receiving property. OER has determined, based on review of the solid waste cessation provisions of the Beneficial Use Section of the General Provisions Subpart of 6NYCRR Part 360 (specifically, Part 360-1.15(b)(7)), that the reuse and recycling of clean native soil in the manner described in this letter is covered by a generic BUD and is subject only to Natural Resources chemical quality requirements at the receiving facility. With this letter we are requesting confirmation from DEC of our determination. We request a prompt decision since the developer will begin excavating historic fill at the site next week and is now making plans now for disposal of this clean native soil in New Jersey and availability for recycling is time limited.

Reuse and recycling of clean native soil from this property is intended to improve the sustainability of the remedial action under the VCP by lowering the usage and associated nuisances caused by open-air Part 360 Registration Facilities, lower truck traffic and vehicle congestion and improve air quality in over-burdened communities that house open-air Registration Facilities, lower the City's expense for purchasing clean soil for the Bush Terminal project and enable more prudent use of taxpayer dollars, while lowering developer's expenses for disposing of clean soil.

The property at 52-01 Queens Boulevard was subjected to a site history evaluation and a Phase 2 - Remedial Investigation under the VCP. Environmental data was collected and included soil samples obtained in accordance with DER-10 to ensure that the deep clean native soil meets the established soil objectives. Soil samples from the property show that it contains only light contamination (see data and map under separate cover) and deep soil meets the soil cleanup objectives. In addition, we have requested additional testing of the clean native soils for confirmatory purposes. The enrollment and remedial action for this property has been discussed with DER in compliance with the Memorandum of Agreement for the VCP.

On-site remedial action will be performed in compliance with all OER remedial program requirements including Community Air Monitoring Plans, Health and Safety Plans, daily reporting requirements and the submission of a final report summarizing the completed remedial action. The determination that clean native soil has been encountered during an excavation will be made by a qualified environmental professional (QEP) in the field in consultation with OER staff. During the excavation, clean native soil will be screened by a PID and by visual and olfactory means for evidence of contamination. The QEP will confirm that any overlying contaminated material has been completely removed and that there has been over-excavation to a depth of approximately one foot into clean native soils. Contaminated soil will not be recycled in this program and will be transported and disposed of as a regulated material in accordance with OER's approved cleanup plan. Cleanup and disposal activities will comply with applicable environmental laws and regulations and the Memorandum of Agreement between OER and DEC.

In addition to the chemical testing required by OER, we will encourage the performance of any geotechnical testing necessary to ensure that the physical characteristics of the clean native soil are appropriate for the intended use at the receiving property.

I look forward to you response on this request.

Sincerely,

/s/

Daniel C. Walsh, Ph.D.

Cc:
Sal Ervolina, Director
Venetia Lannon, Regional Director
Robert Schick, Director
Steve Zahn, Regional Natural Resources Director
Jane O'Connell, Regional Hazardous Waste Engineer
Mark McIntyre, General Counsel
Shaminder Chawla, Assistant Director
Jimit Shah, Project Manager
Breanna Gribble, Project Manager
Jimit Shah, Project Manager

New York State Department of Environmental Conservation
Division of Materials Management, Region 2
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-4896 • **Fax:** (718) 482-6391
Website: www.dec.ny.gov • e-mail: kbbrenze@gw.dec.state.ny.us

Joe Martens
Commissioner

August 2, 2012

Kay Zias
Vice President, Planning
New York City Economic Development Corp.
110 William Street
New York, NY 10038

Dear Ms. Zias:

Re: BUD No. 1042-2-24
52-10 Queens Boulevard Soil as Fill at Bush Terminal Piers 1-4 Site

The New York State Department of Environmental Conservation (Department) has reviewed your August 1, 2012 electronic mail to Steve Zahn, and an electronic mail dated July 31, 2012 from Dan Walsh of the Mayor's Office of Environmental Remediation (OER), together petitioning for a beneficial use determination (BUD) for excavated soils from a City-lead Brownfield cleanup project at 52-01 Queens Boulevard, Queens, for use as fill at the Bush Terminal Landfill Piers 1-4 Site, DER No. B00031-2. The Department has determined this to be a beneficial use pursuant to 6 NYCRR 360-1.15(d), subject to the following conditions:

1. This BUD pertains only to material characterized by push-probe borings performed in 2007 and test pits in May 2012 at 52-01 Queens Boulevard, with soil sampling and analysis, as summarized a July 31 electronic mail from Jimit Shah of OER. Also, only soils that consist of native and undisturbed material below the layer of historic fill at the Queens Boulevard Site that meet or are below the Part 375-6.8(a) Unrestricted SCOs are allowed to used under this BUD.

2. This determination is conditioned on the Department's Division of Environmental Remediation (DER) acceptance of the above excavated soil as having been representatively characterized and meeting imported fill acceptance criteria for the Bush Terminal project.

3. Surface materials including pavement and historic fill, and any material unsuitable for fill use at the Bush Terminal site, must be separated from undisturbed soils upon excavation at 52-01 Queens Boulevard or separation must take place at another City-owned site, or at a facility permitted by the Department to process C&D debris. Historic fill and other unusable material must be disposed of in accordance with applicable requirements in 6 NYCRR Part 360.

4. EDC must provide a report, within 60 days of the completion of the Bush Terminal project, of the quantity of material used in the project pursuant to this BUD. This report

should be provided to DER and to:

Kenneth B. Brezner, P.E.
NYSDEC Region 2
47-40 21st Street
Long Island City, NY 11101

Sally Rowland, Ph.D., P.E.
NYSDEC
625 Broadway, 9th Floor
Albany, NY 12233-7253

5. The Department reserves the right to rescind or modify this BUD at any time, if it finds pursuant to 6 NYCRR 360-1.15(d)(4), that any matter serving as the basis for this BUD is incorrect or no longer valid, or the Department finds there has been a violation of the conditions of this BUD. This determination does not exempt NYCEDC or the City of New York from other local, state or federal requirements.

6. This BUD is valid until December 31, 2012.

7. The maximum amount of material approved under this BUD is the requested 4,000 cubic yards.

Please contact me if you have any questions regarding this determination.

Sincerely yours,

Kenneth B. Brezner

Kenneth B. Brezner, P.E.
Regional Materials Management Engineer

ec: Sally Rowland/Kathleen Prather, NYSDEC, DMM-BWRR
Jane O'Connell,, NYSDEC, R2 DER
Steve Zahn, NYSDEC, R2 DNR

APPENDIX 7

DISPOSAL MANIFESTS

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMIN
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	12058456

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/12
TIME: 11:24A

SPECIAL INSTRUCTIONS	
PRODUCT CODE	INBOUND
METRIC TONS	32.278
GROSS	111800
TARE	40640
NET	71160
TONS	35.58

PRODUCT DESCRIPTION	INBOUND SAND
CUSTOMER P.O. NO.	
TRUCK NO.	RUBY107
TRUCK LICENSE #	
DELIVERY METHOD	FOB

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

UNIT PRICE	
NET PRICE	
FREIGHT	
SALES TAX	
GRAND TOTAL	

JAY
DRIVER SIGNATURE

CUSTOMER SIGNATURE

PRINTING CONCEPTS INC. ERIE, PA 814.833.8080

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.
BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	12058455

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/12
TIME: 11:15A

SPECIAL INSTRUCTIONS	
PRODUCT CODE	INBOUND
METRIC TONS	30.708
GROSS	111080
TARE	43380
NET	67700
TONS	33.85

PRODUCT DESCRIPTION	INBOUND SAND
CUSTOMER P.O. NO.	
TRUCK NO.	LT103
TRUCK LICENSE #	
DELIVERY METHOD	FOB

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

UNIT PRICE	
NET PRICE	
FREIGHT	
SALES TAX	
GRAND TOTAL	

PRINTING CONCEPTS INC. ERIE, PA 814.833.8080

11394

EAGLE 1
Industries Inc.

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/27/12 DRIVER NAME TONY

TRUCK # H 30 TOLLS

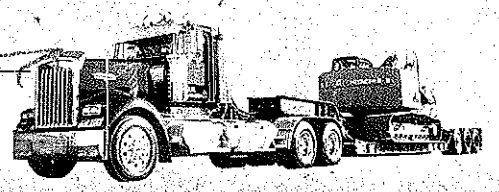
HIRED TO BALVORDE CONSTRUCTION

LOCATION 52 ST QUEENS BLVD

INSTRUCTIONS 1 LOAD REMOVAL MIX

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST.
TEL. 718/83
FAX 718/83

SHIPPING PLANT	TIC
25TH ST.	22058

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/
TIME: 9:31A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND		UNIT PRICE
METRIC TONS	29.874	CUSTOMER P.O. NO.		NEW YORK SAND & STONE L.L.C.	NET PRICE
GROSS	109240	TRUCK NO.	LT103	TRUCK DRIVER ASSUMES ALL	FREIGHT
TARE	43380	TRUCK LICENSE #		RESPONSIBILITIES DUE TO	SALES TAX
NET	65860	DELIVERY METHOD	FOB	EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.	
TONS	32.93				GRAND TOTAL

RICKY DRIVER SIGNATURE

CUSTOMER SIGNATURE

PRINTING CONCEPTS INC., ERIE, PA 814.838.8660

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMI
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO
25TH ST.	22058442

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/12
TIME: 9:20A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND		UNIT PRICE
METRIC TONS	35.126	CUSTOMER P.O. NO.		NEW YORK SAND & STONE L.L.C.	NET PRICE
GROSS	118080	TRUCK NO.	RUBY107	TRUCK DRIVER ASSUMES ALL	FREIGHT
TARE	40640	TRUCK LICENSE #		RESPONSIBILITIES DUE TO	SALES TAX
NET	77440	DELIVERY METHOD	FOB	EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.	
TONS	38.72				GRAND TOTAL

JAY DRIVER SIGNATURE

CUSTOMER SIGNATURE

Carmine's Trucking

516-852-7164

Date Mon 8/27/12

Name N.Y. Top Soil

Address 52 St Queens Blvd

Town Elmhurst

St 10 3

_____ 10 Wheel Dump

_____ Flat Dump

1 Trailer

8 HOURS

Allowance for Soil

Carmine's Trucking

516-852-7164

Date 8 27 12

Name New York Top Soil

Address 52nd + Queens Blvd

Town Queens

_____ 10 Wheel Dump

_____ Flat Dump

X Trailer

HOURS 8

Allowance for Soil

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 27 20 12

NAME Duratech

ADDRESS Queens Blvd + 52nd ST.

ORDER NO.	TRUCK NO	DRIVER
	YMI 101	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Removed	30 CU. YD.	to NY Sand
	LOAD STONE	CU. YD.	+ Stone
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY – OTHERS AT CUSTOMER'S RISK

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 27 20 12

NAME Duratech

ADDRESS Queens Blvd + 52nd ST.

ORDER NO.	TRUCK NO	DRIVER
	YMI 101	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Removed	CU. YD.	to NY Sand + Stone
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

Office of Environmental Remediation

CSB # 001

Ticket No. 1

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8-27-2012	~~JILOY Leasing Co. Inc.~~ Carmone Trucking	103	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	7:45 a.m

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

AME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 2

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	107	30 YDS

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:25

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 3

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKIN	72	30 yards

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 4

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
[signature]	9:05

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 5

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	New York Top Soil Inc.	101	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	9:10

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 6

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINE TRUCKING	103	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:15

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut here

Office of Environmental Remediation

CSB # 001

Ticket No. 7

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	107	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut here

CB # 001

Office of Environmental Remediation

CSB # 001

Ticket No. 8

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	72	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:45

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 9

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

==========cut here==========

Office of Environmental Remediation

CSB # 001

Ticket No. 10

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	NEW YORK Top Soil	101	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	11:15

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 11

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES TRUCKING	72	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
[signature]	12:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 12

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12			30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 13

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMINES	107	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 14

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	CARMIKI	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	13:05

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 15

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12	Eagle 1		30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	14:05

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 16

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/27/12		6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	14:35

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058511

SOLD TO: PHOENIX MARINE
JOB LOCATION: QUEENS BLVD 52ND STREET

DELIVERY ADDRESS:

DATE: 08/28/12
TIME: 08:54A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	33.139	CUSTOMER P.O. NO.		NET PRICE	
GROSS	113600	TRUCK NO.	SUKRAM72	FREIGHT	
TARE	40540	TRUCK LICENSE #		SALES TAX	
NET	72060	DELIVERY METHOD	FOB		
TONS	36.53			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C. *TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.*

Joe Brooff
DRIVER SIGNATURE

CUSTOMER SIGNATURE

JOE

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TER
TEL. 718/832-776
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058503

SOLD TO: PHOENIX MARINE
JOB LOCATION: QUEENS BLVD 52ND STREET

DELIVERY ADDRESS:

DATE: 08/28/12
TIME: 08:40A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	31.135	CUSTOMER P.O. NO.		NET PRICE	
GROSS	109180	TRUCK NO.	SUKRAM72	FREIGHT	
TARE	40540	TRUCK LICENSE #		SALES TAX	
NET	68640	DELIVERY METHOD	FOB		
TONS	34.32			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C. *TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.*

Joe Brooff
DRIVER SIGNATURE

CUSTOMER SIGNATURE

JOE

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058458

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/12
TIME: 1:40A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	27.515	CUSTOMER P.O. NO.		NET PRICE	
GROSS	101200	TRUCK NO.	SUKRAM72	FREIGHT	
TARE	40540	TRUCK LICENSE #		SALES TAX	
NET	60660	DELIVERY METHOD	FOB		
TONS	30.33			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

DRIVER SIGNATURE

CUSTOMER SIGNATURE

ER "J"
EL. 718/875-6087
X 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058470

OLD TO: PHOENIX MARINE
QUEENS BLVD
OB LOCATION: 52ND STREET

ELIVERY ADDRESS:

DATE: 08/27/12
TIME: 1:14P

SPECIAL NSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	28.985	CUSTOMER P.O. NO.		NET PRICE	
GROSS	104440	TRUCK NO.	SUKRAM72	FREIGHT	
TARE	40540	TRUCK LICENSE #		SALES TAX	
NET	63900	DELIVERY METHOD	FOB		
TONS	31.95			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

DRIVER SIGNATURE

CUSTOMER SIGNATURE

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058446

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 08/27/12
TIME: 09:50A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	27.560	CUSTOMER P.O. NO.		NET PRICE	
GROSS	101300	TRUCK NO.	SUKRAM72	FREIGHT	
TARE	40540	TRUCK LICENSE #		SALES TAX	
NET	60760	DELIVERY METHOD	FOB		
TONS	30.38			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

JOE DRIVER SIGNATURE

CUSTOMER SIGNATURE

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362
Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/28 20 12

NAME VALVERDE

ADDRESS 52 ST @ QNS BLVD.

ORDER NO.	TRUCK NO	DRIVER
	BLE	GENE S

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL TRLR	CU. YD.	OUT
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6254

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 28 20 12

NAME Duradech

ADDRESS Queens Blvd + 52nd St

ORDER NO.	TRUCK NO	DRIVER
	YMI 101	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Removed 30	CU. YD.	To N.Y. Sand + Stone
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6038

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8-28-12 20

NAME VALVERDE

ADDRESS 52 Queens Blvd

ORDER NO.	TRUCK NO 68 Stanly	DRIVER Victor

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL to N.Y.S. stone	CU. YD.	Removed
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5775

... TOP SOIL INC.

...ett Street, Little Neck, NY 11362

...-2223 • Fax: 347-408-4527 • www.nytopsoil.com

08/28 20 12

NAME VALVERDE

ADDRESS 52nd ST & QUEENS BLVD

ORDER NO.	TRUCK NO	DRIVER
	928	RAY

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL MIX TRANSFER	CU. YD.	TO (TRAILER)
	LOAD STONE	CU. YD.	IN
	LOAD BANK RUN	CU. YD.	SAND
	TRUCK HIRED	HRS.	&
	TRAILER HIRED	HRS.	STONE

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6140

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362
Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/28 20 12

NAME VALUEALDE

ADDRESS 52ST @ QUEENS BLVD

ORDER NO.	TRUCK NO	DRIVER
	BLE	George S.

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL TRLR	CU. YD.	OUT
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6252

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/28/2012

NAME ~~Dupont~~ Valvete

ADDRESS 52ST + Queen BLVD

ORDER NO.	TRUCK NO	DRIVER
	2000	J. Lopez

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL load	CU. YD.	35 yds
	LOAD STONE OUT	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6401

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/28 20 12

NAME VALVERDE

ADDRESS 52ST @ QNS BLVD

ORDER NO.	TRUCK NO	DRIVER
	BLE	George S.

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL TRLR	CU. YD.	OUT
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6253

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 28 20 12

NAME Duractech

ADDRESS Queens Blvd + 52nd St.

ORDER NO.	TRUCK NO	DRIVER
	YMI 101	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Removed 30	CU. YD.	To N.Y. Sand + Stone
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6037

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362
Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

08/03 20 12

NAME VALUERTE

ADDRESS 52ND ST & QUEENSBLVD

ORDER NO.	TRUCK NO	DRIVER
Concrete MIX	928	RAY

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
	LOAD FILL	CU. YD.	
1	LOAD STONE Concrete Removal	CU. YD.	MIX TRAILER
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5850

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/28/ 20 12

NAME DURATECH CORP

ADDRESS 52+ Queen BLVD

ORDER NO.	TRUCK NO	DRIVER
	2000	J. Lopez

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
	LOAD FILL	CU. YD.	
	LOAD STONE _____	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by _____

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6000

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 28 20 12

NAME DVRACTECH

ADDRESS Queens Blvd + 52nd ST.

ORDER NO.	TRUCK NO	DRIVER
	YMI 101	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Removed 3	CU. YD.	to M.Y. Sand + Stone
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6036

Office of Environmental Remediation

CSB # 001

Ticket No. 17

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12		72	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	7:45

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 18

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP Soil	101	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	7:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 19

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	B.L.E	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:05

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 20

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	CARMINES TRUCKING	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:20

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 21

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	2000	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:35

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 22

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	CARHINES TRUCKING	72	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	9:50

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 23

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	101	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:00

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 24

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	CARMINES	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:25

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 25

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	B.L.E	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 26

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	2000	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	10:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 27

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	STANLY Trucking Corp.	68	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	11:25

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 28

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	928	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	11:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 29

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	NY TOP SOIL	101	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:00

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 30

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/28/12	Carmines	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:20 PM

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 31

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8-28	SUKRAM + SONS	72	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:35

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 32

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8-28-20R	BLE Trucking	B.L.E.	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:50

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 33

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/29/12	Topsoil	8	30 yards

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
[signature]	7:35 AM

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 34

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/29/12		07	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:40 am

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 35

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/29/12	Sukrum & Sons	72	

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	0805

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 36

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/29/12	Topsoil	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:20

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 37

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
8/29/12	Topsoil	BLE	30 Y

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

9/4/20 12

NAME Valveten

ADDRESS Queen BLVD + 52

ORDER NO.	TRUCK NO	DRIVER
	J. 2000	J. lopez

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Clean	CU. YD.	35YDS
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

NB CONSTRUCTION CORP.

P.O. Box 860

West Hempstead, NY 11552

Driver: Russell

Date: 9/4/ 20 12 Tolls:

Job# Truck# 5

Hired By: Phoenix

Pick up: Queen Blv @ 52 St

To: 3 AV + 25 St Brooklyn

Time in: Time Out: Hours Worked:

EQUIPMENT ENTERS AT CUSTOMER'S RISK

Office of Environmental Remediation

CSB # 001

Ticket No. 56

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY-TOP Soil	8	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:25

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 57

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP Soil	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	8:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 58

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP SOIL	20	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC	8:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation

CSB # 001

Ticket No. 59

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP SOIL	2000	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	9:10

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation

CSB # 001

Ticket No. 60

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NYTOP soil	8	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O Vezmur on behalf 10-52 LLC	

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 61

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NYTOP Soil	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Kezmur on behalf 52-01 LLC	10:20

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 62

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP SOIL	20	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
D. Vermur on behalf 5201 LLC	10:35

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut here

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 63

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/24/12	NY TOP SOIL	8	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC	11:50

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 64**

Generating Site Copy (Fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP soil	20	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezzur on behalf 52-01 LLC	12:05

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 65

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/4/12	NY TOP SOIL	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O.Kezer on behalf 52-01 LLC	12:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut here

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

Date 14441 9/6/20 12

NAME velvete

ADDRESS queens BLVD + 52 57

ORDER NO.	TRUCK NO	DRIVER
	2000	Lopez

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL 35 YD	CU. YD.	35.YDS
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

9/6 20 12

NAME VALVERDE

ADDRESS 52ST / QNS BLVD

ORDER NO.	TRUCK NO	DRIVER
	BLF	George S.

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL TILR	CU. YD.	OUT
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

09137

#16

GARUCCI

Tel: (718) 961-3600
Fax: (718) 961-6611

Disano Trucking, Inc.

31-07 Farrington St.
Flushing, NY 11354

Date 9-6-12

Co. Name VAlverde Construction

Address

Job Site: 5201 Queens blvd

1 Trailer on hire

3 loads removed from site

TIME START: 7:am

TIME FINISHED:

TOLLS AMOUNT:

Truck Delivery Over Sidewalk At Customer's Risk

Received O. Velez on behalf 5201 LIC

Customer Responsible For Overload Penalties

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058684

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 09/06/12
TIME: 8:48A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	34.382	CUSTOMER P.O. NO.		NET PRICE	
GROSS	114540	TRUCK NO.	DISAN010	FREIGHT	
TARE	38740	TRUCK LICENSE #		SALES TAX	
NET	75800	DELIVERY METHOD	FOB		
TONS	37.90			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

SOCRATES DRIVER SIGNATURE

CUSTOMER SIGNATURE

PRINTING CONCEPTS INC. ERIE, PA 814.833.8080

PIER "J"
TEL. 718/875-6087
FAX 718/875-6187

NEW YORK SAND & STONE, L.L.C.

BROOKLYN NAVY YARD
63 FLUSHING AVE., UNIT 311
BROOKLYN, NY 11205
TEL. 718/596-2897 • FAX 718/624-3363
N.Y.S. D.O.T. #10-12R

25TH ST. TERMINAL
TEL. 718/832-7761
FAX 718/832-7773

SHIPPING PLANT	TICKET NO.
25TH ST.	22058663

SOLD TO: PHOENIX MARINE
QUEENS BLVD
JOB LOCATION: 52ND STREET

DELIVERY ADDRESS:

DATE: 09/06/12
TIME: 8:52A

SPECIAL INSTRUCTIONS					
PRODUCT CODE	INBOUND	PRODUCT DESCRIPTION	INBOUND SAND	UNIT PRICE	
METRIC TONS	30.084	CUSTOMER P.O. NO.		NET PRICE	
GROSS	122700	TRUCK NO.	DISAN010	FREIGHT	
TARE	38740	TRUCK LICENSE #		SALES TAX	
NET	83960	DELIVERY METHOD	FOB		
TONS	41.98			GRAND TOTAL	

NEW YORK SAND & STONE L.L.C.
TRUCK DRIVER ASSUMES ALL RESPONSIBILITIES DUE TO EXCEEDING MAXIMUM GROSS VEHICLE WEIGHT, THIS RECEIPT IS ONLY FOR THE PURPOSE OF ESTABLISHING WEIGHT.

SOCRATES DRIVER SIGNATURE

CUSTOMER SIGNATURE

PRINTING CONCEPTS INC. ERIE, PA 814.833.8080

NB CONSTRUCTION CORP.

P.O. Box 860
West Hempstead, NY 11552

Driver: Russell

Date: 9/6 20 12 Tolls:

Job# Phoenix Truck# 5

Hired By: Sukram

Pick up: Queen Blv @ 52 St

To: 3 AV + 25 St Brooklyn

Time in: Time Out: Hours Worked:

EQUIPMENT ENTERS AT CUSTOMER'S RISK

Signed by

Customer is responsible for overweight summons W.S. Trucking, Will not be responsible for damages to curb wall or other property.

EQUIPMENT

DUMP TRAILERS • EXCAVATION • TRUCKING

All Kind of Transportation 347-231-5289

NAME: VALVERDE DATE: 9-6-2012

ADDRESS: Queens Blvd 52 St

Truck # 1 Fernando

☐ CASH ☐ CHARGE ☐ C.O.D ☐ ON ACCT. ☐ MDSE. RETD. ☐

QTY.	DESCRIPTION	AMOUNT
	Yds. Concrete Sand	
	Yds. Gravel	
	Yds. Recycle Con. Agg	
	Yds. Mulch	
	Yds. Topsoil	
	Yds. Salt/ Sand Mix	
	Yds. Fill	
35	Yds. Mixed / Conc. Fill	
	Yds. Other	
	Day Hiring	
	[illegible]	
	[illegible] 5201 NC	

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 86

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	Quick Drop	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Velez on behalf 52-01 LLC	12:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 85**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	R&B Services Inc.	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezzuto on behalf 52-01 LLC	12:40 pm.

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 84

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	Disano	11	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
D. [illegible] on behalf 52-01 LLC	

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 83

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO TRUCKING	16	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
E. [illegible] on behalf 52-01 LLC	12:10

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 82

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	SAPE EQUIPEMENT	1	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. [illegible] on behalf 52-01 LLC	11:50

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 81

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO TRUCKING	10	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. [illegible] on behalf 52-01 LLC	12:00

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 80**

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE			
1. DATE 9/6/12	2. HAULER DISANO TRUCKING	3. TRUCK NO. 20	4. CUBIC YARDS/TONS 30
5. CONTRACTOR, DEVELOPER, OR EXCAVATOR Duractech Corporation			
6. GENERATING SITE (MATERIAL SOURCE POINT) 52-01 Queens Boulevard, Queens, New York 11377			
7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER D. Vegard on behalf 52-01 LLC			DEPARTURE TIME 11:40
8. RECEIVING SITE (MATERIAL IMPORT POINT) New York Sand and Gravel, 75 25th Street, Brooklyn, New York			
9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE			ARRIVAL TIME

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 79

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	NY TOP SOIL	2000	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
	12:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 78

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	Quick Drop Industries	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	11:10

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 77**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	NY TOP SOIL	B.L.E	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	10:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 76**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	R&B SERVICES	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	10:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 75

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ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DISANO TRUCKING	11	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezhar on behalf 52-01 LLC OLGICA VEZHAR	10:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 74

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ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DISANO TRUCKING	16	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	10:15

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation
New York City Clean Soil Bank

CSB # 001
Ticket No. 73

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO TRUCKING	10	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7. NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	9:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut here

Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 72**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO TRUCKING	20	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	9:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 71**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	Quick Drop Industries	6	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezhar on behalf 52-01 LLC OLGICA VEZHAR	8:55

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

cut

Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 70**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9-6-2012	DiSano	16	30 CY

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
William Silver [signature] on behalf of 52-01 LLC	08:20

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 69**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO	10	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
William Silverj on behalf of 52-01 LLC	08:10

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 68**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DISANO TRUCKING	20	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
[illegible] Silver on behalf of 52-01 LLC William Silver	8:00

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 67**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	R&B SERVICES INC.	5	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	8:40

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

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Office of Environmental Remediation **CSB # 001**

New York City Clean Soil Bank **Ticket No. 66**

Generating Site Copy (fill out both copies)

ITEMS 1 THROUGH 9 TO BE COMPLETED BY AUTHORIZED REPRESENTATIVE

1. DATE	2. HAULER	3. TRUCK NO.	4. CUBIC YARDS/TONS
9/6/12	DiSANO TRUCKING	11	30

5. CONTRACTOR, DEVELOPER, OR EXCAVATOR
Duratech Corporation

6. GENERATING SITE (MATERIAL SOURCE POINT)
52-01 Queens Boulevard, Queens, New York 11377

7.NAME AND SIGNATURE OF LOADING FOREMAN OR RESIDENT ENGINEER	DEPARTURE TIME
O. Vezmar on behalf 52-01 LLC OLGICA VEZMAR	8:30

8. RECEIVING SITE (MATERIAL IMPORT POINT)
New York Sand and Gravel, 75 25th Street, Brooklyn, New York

9. NAME AND SIGNATURE OF QEP OR RESIDENT ENGINEER AT RECEIVING SITE	ARRIVAL TIME

CLEANEARTH

Manifest # 630596

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

☑ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 LLC 52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Rory [illegible] Title: [illegible]

Signature: [illegible] Date and Time: [illegible]

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate:

Driver: [illegible] SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 8-15-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630593

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [illegible] Title: [illegible]

Signature: [illegible] Date and Time: 8/13/12 [illegible]

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 160 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AK-597 T #2

Driver: GUSTAVO (Type or Print Clearly) SW Haulers Permit #: MANUEL (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 8/13/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630602

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Perry Tilemans Title: Supv

Signature: Date and Time: 8/10/12 1:00pm

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AK 8774 / Trucc

Driver: Hernando Leo SW Haulers Permit #: (applicable state permit #)

(Type or Print Clearly)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: H. Leo Date and Time: 08-17-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: H. Leo Date and Time: 08-17-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH
treating the planet right

Manifest # 180249

LOBAL JOB NUMBER: _____ FACILITY APPROVAL NUMBER: _____

lease Check One:

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of West Virginia
3815 South State Route 2
Friendly, WV 26146
Ph: 304-652-8580

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

ype or Print Clearly)

ENERATOR'S NAME & SITE ADDRESS:

GROSS WEIGHT: ☐Tons ☐Yards

TARE WEIGHT: ☐Tons ☐Yards

NET WEIGHT: ☐Tons ☐Yards

ENERATOR'S PHONE:

ESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

ENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

ame: _____ Title: _____

gnature: _____ Date and Time: _____

RANSPORTER AMV-DAVIN

ompany: _____ Phone Number: _____

ddress: _____ Truck # and License Plate: AP-812 (GB)

iver: _____ SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

iver Signature: _____ Date and Time: 8-13-12

ESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

iver Signature: _____ Date and Time: _____

I hereby certify that the above named material has been accepted at the above referenced facility.

thorized Signature: _____ Date and Time: _____

SITE

CLEANEARTH
treating the planet right

Manifest # 180250

GLOBAL JOB NUMBER: _____ **FACILITY APPROVAL NUMBER:** _____

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other _____
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of West Virginia, 3815 South State Route 2, Friendly, WV 26146, Ph: 304-652-8580
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Perry [illegible] Title: [illegible]

Signature: [illegible] Date and Time: [illegible] 11 [illegible]

TRANSPORTER

Company: AMV Dubin trucking Phone Number: _____

Address: Ledgewood NJ Truck # and License Plate: 71 AN 504W

Driver: _____ (Type or Print Clearly) SW Haulers Permit #: Truck (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Carlos E Date and Time: 8-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Carlos E Date and Time: 8-13-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: _____ Date and Time: _____

SITE

CLEANEARTH

Manifest # 630599

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Perry [illegible] Title: Super

Signature: [illegible] Date and Time: 8/13/12 11:[illegible]am

TRANSPORTER

Company: AMV/Debin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AP3911 (5 AMV/DEBIN #2)

Driver: Romeo SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 08-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: 08-13-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630604

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 LLC 52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Rory Tiscanni Title: Super

Signature: [illegible] Date and Time: 8/13/12 11:15 am

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 Nick 30

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN 548V

Driver: JULIO ECHEVERRY (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 8-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: 8-13-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 542837

GLOBAL JOB NUMBER: 120404 **FACILITY APPROVAL NUMBER:** 1230+1250

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Perry Silvagnoli Title: Super

Signature: [illegible] Date and Time: 6/13/12 10:15 AM

TRANSPORTER

Company: AMV - Dalton Trucking Inc Phone Number:

Address: Truck # and License Plate: 428 AN 752R.

Driver: Gonzalo Tito SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 06-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: 06-13-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630601

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☐ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Title:

Signature: Date and Time:

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AK8914 / Jenco

Driver: Hernando Rosa (Type or Print Clearly) SW Haulers Permit #: 6n (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Rosa Date and Time: 08-17-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Rosa Date and Time: 08-17-12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630594

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: William Sierra Title:

Signature: Date and Time:

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ridgewood, NJ 07452 Truck # and License Plate: AK. 5977 #02

Driver: GUSTAVO (Type or Print Clearly) SW Haulers Permit #: MANOLOS (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 8/13/12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630595

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC 52-01 Queens Blvd Queens, NY 11377	GROSS WEIGHT: ☐Tons ☐Yards	
	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Title:

Signature: Date and Time:

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate:

Driver: (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 8/13/2012

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

CLEANEARTH

Manifest # 630598

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

- ☑ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Other
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Percy Tsilogiannis Title: Super

Signature: Date and Time: 8/13/12 8:55 am

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705

Address: 190 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AP391B AWORADE 42

Driver: (Type or Print Clearly) SW Haulers Permit #: (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 08-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

GENERATOR

CLEANEARTH

Manifest # 630606

GLOBAL JOB NUMBER: 126404 **FACILITY APPROVAL NUMBER:** 123071250

Please Check One:

☐ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Other

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

TIME IN 7.00
TIME OUT 7.30

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: 52-01 LLC	GROSS WEIGHT: ☐Tons ☐Yards	
52-01 Queens Blvd Queens, NY 11377	TARE WEIGHT: ☐Tons ☐Yards	
GENERATOR'S PHONE:	NET WEIGHT: ☐Tons ☐Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Terry [illegible] Title: [illegible]

Signature: [illegible] Date and Time: [illegible] 7:30 AM

TRANSPORTER

Company: AMV/Dabin Trucking Inc Phone Number: 908-810-1705 NICK 30

Address: 180 Drake Lane, Ledgewood, NJ 07852 Truck # and License Plate: AN 5488V

Driver: JULIO ECHEVERRY SW Haulers Permit #:
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [illegible] Date and Time: 8-13-12

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [illegible] Date and Time: 8-13/12

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time:

SITE

EAGLE 1
Industries Inc.

12271

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/13/12 DRIVER NAME STEVEN

TRUCK # 82 TOLLS

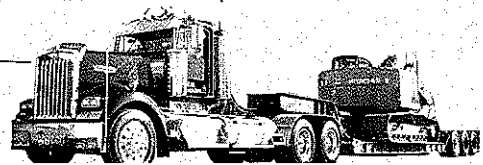
HIRED TO BALVERDE/NYISFOIL

LOCATION 52ND ST & QUEENS BLVD

INSTRUCTIONS 1 LOAD REMOVED

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT 2:15 HOURS WORKED _____

CHECK # _____ SIGNED BY [signature]



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8-13-12 20

NAME VALVERDE

ADDRESS 52 Str. & Queens Blvd. Queens

ORDER NO.	TRUCK NO.	DRIVER
	# SIANLY	Victor

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
TRAILER	LOAD FILL Mix	CU. YD.	Removed
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by [signature]

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5771

EAGLE 1
Industries Inc.

11566

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/13/12 DRIVER NAME TONY

TRUCK # # 30 TOLLS

HIRED TO BALVERDE — NEW STO SOY

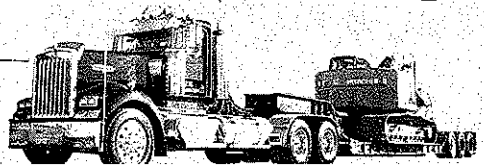
LOCATION Queens BLVD & 52 ST

INSTRUCTIONS 1-LOAD RemoVMix
35 Yard

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY _____

EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.



EAGLE 1
Industries Inc.

12863

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 08 15 2012 DRIVER NAME [illegible]

TRUCK # 3 TOLLS

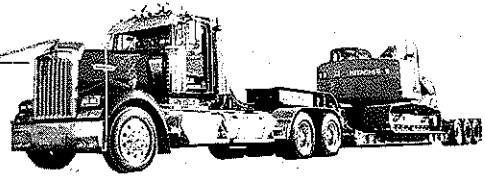
HIRED TO NY Top Soil / BALVERDE

LOCATION 52nd St. Queensblvd.

INSTRUCTIONS ONE LOAD REMOVED

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY [signature]



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

12357

EAGLE 1
Industries Inc.

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8-15-12 DRIVER NAME Herod

TRUCK # 63 TOLLS

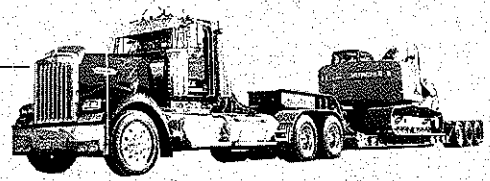
HIRED TO N.Y. Topsoil / Bulverde

LOCATION E52ST QUEENS BLVR

INSTRUCTIONS 1 Load Remove Mix

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY [signature]



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

12278

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/10/12 DRIVER NAME [illegible]

TRUCK # (2) TOLLS

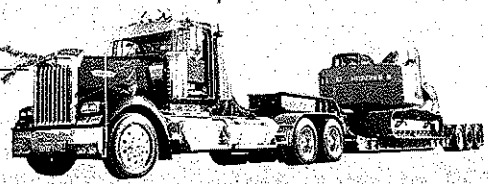
HIRED TO BAYWIDE / NYTOPSOIL

LOCATION [illegible]

INSTRUCTIONS 1 LOAD REMOVED

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY [signature]



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

11373

EAGLE 1
Industries Inc.

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/15/12 DRIVER NAME TONY

TRUCK # #30 TOLLS

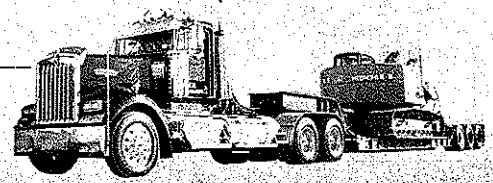
HIRED TO BALVERDO- NEW YORK STOP SOV

LOCATION QUEENS BLVD & 52 ST

INSTRUCTIONS 1-LOAD ROMOVAL mix
35 yard

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY [signature]



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

13115

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/15/12 DRIVER NAME Matt

TRUCK # 15 TOLLS —

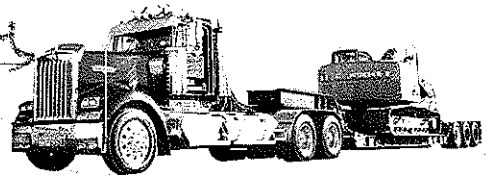
HIRED TO Balverde - N.Y. Topsoil

LOCATION E 52 & Queens Blvd

INSTRUCTIONS Remove 1 Mix Load

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY _____



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

13686

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 08-15-2012 DRIVER NAME C. Wonsang

TRUCK # 69 TOLLS

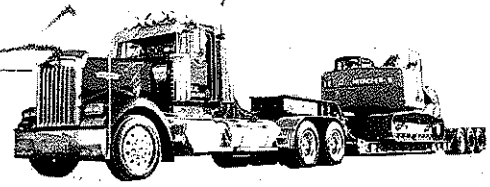
HIRED TO BALVERDE — N.Y. TOPSOIL

LOCATION Queens BLV 52 St N.Y.

INSTRUCTIONS (1) LOAD REMOVAL MIX.

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/15/12 DRIVER NAME JAVIER

TRUCK # 45 TOLLS

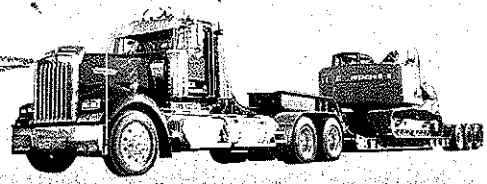
HIRED TO BALVERD. MYRTOP. SOILL.

LOCATION OVERNC. blvd. x 52. ST.

INSTRUCTIONS (1) LOAD.

IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

_____ SIGNED BY



T ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL
IT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE
. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8-16-12 20

NAME VALVERDE

ADDRESS 52 St & Queens BLV - Queens

ORDER NO.	TRUCK NO.	DRIVER
	# 79 Slanly	Victor

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL Mix	CU. YD.	Removed
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5895

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

August 16 20 12

NAME Valverde Corp

ADDRESS 5201 Queens Blvd

ORDER NO.	TRUCK NO	DRIVER
	YMI 1	Bobby

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
	LOAD FILL	CU. YD.	
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
1	TRAILER HIRED Mixed	~~HRS.~~	Removal

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6020

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/16 20 12

NAME VALVERDE

ADDRESS 52 ST QCNS BLVD

ORDER NO.	TRUCK NO	DRIVER
	BLE	Germe S.

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
	LOAD FILL TRLR	CU. YD.	
1	~~LOAD STONE~~ ROCK	CU. YD.	OUT
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5926

EAGLE 1
Industries Inc.

13690

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 08-16-2012 DRIVER NAME C. Klonsang

TRUCK # 69 TOLLS

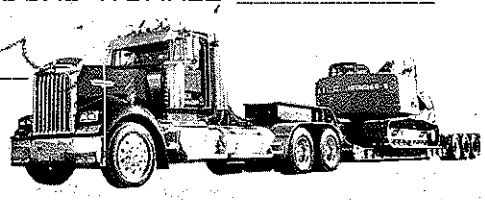
HIRED TO BALVERDE — N.Y. TOP SOIL

LOCATION QUEENS BLVD 52ND QUEENS N.Y.

INSTRUCTIONS (1) LOAD REMOVAL MIX

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

12358

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8-16-12 DRIVER NAME Howard

TRUCK # 63 TOLLS

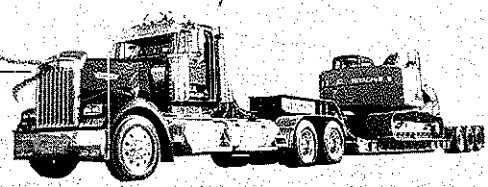
HIRED TO New York Topsoil / Belvedere

LOCATION 52ST Queens Blvd

INSTRUCTIONS 1 load 26 Mulch Mix

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

13118

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/16/12 DRIVER NAME Matt

TRUCK # 15 TOLLS –

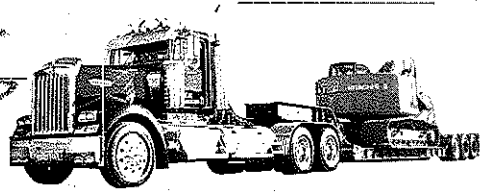
HIRED TO Balwade / NY Topsoil

LOCATION Queens Blvd @ 52N Street

INSTRUCTIONS Remove 1 Mixed load to Power Crush Inc.

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY _____



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

EAGLE 1
Industries Inc.

12280

Office/Fax: (718) 631-1040
Cell: (347) 538-1202

DATE 8/4/12 DRIVER NAME Steven

TRUCK # 82 TOLLS

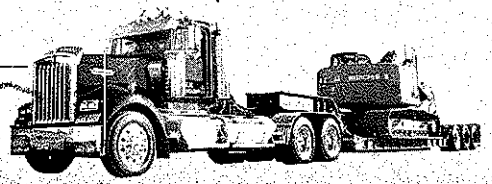
HIRED TO BAWERDE / MINOPSOIL

LOCATION 52ND ST, QUEENS BLVD

INSTRUCTIONS 1 LOAD REMOVED

TIME IN _____ LUNCH ☐ YES ☐ NO TIME OUT _____ HOURS WORKED _____

CHECK # _____ SIGNED BY _____



EQUIPMENT ENTERS AT CUSTOMER'S RISK. CUSTOMER RESPONSIBLE FOR ALL OVERWEIGHT SUMMONSES. CUSTOMER RESPONSIBLE FOR OPERATOR DAMAGE TO TRUCKS. 1.5% PER MONTH INTEREST ADDED ON ALL BALANCES PAST DUE.

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/17 20 12

NAME VALVERDE

ADDRESS 50 ST - QNS BLVD

ORDER NO.	TRUCK NO	DRIVER
	BLE	George S.

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
(1)	LOAD ~~FILL~~ MIX/TRUCK	CU. YD.	OUT
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

5928

RECEIVED FROM

NEW YORK TOP SOIL INC.

57-59 Hewlett Street, Little Neck, NY 11362

Tel: 516-650-2223 • Fax: 347-408-4527 • www.nytopsoil.com

8/17 20 12

NAME VALVERDE CONT AV

ADDRESS QUEENS BLVD + 52

ORDER NO.	TRUCK NO	DRIVER
	2005	J. lopez

	LOAD SAND	CU. YD.	
	LOAD GRAVEL	CU. YD.	
	LOAD TOPSOIL	CU. YD.	
1	LOAD FILL MIX	CU. YD.	
	LOAD STONE	CU. YD.	
	LOAD BANK RUN	CU. YD.	
	TRUCK HIRED	HRS.	
	TRAILER HIRED	HRS.	

CURB DELIVERIES ONLY - OTHERS AT CUSTOMER'S RISK

CUSTOMER RESPONSIBLE FOR OVERLOAD

Received by

FULL PAYMENT MUST BE REMITTED FOR THE ABOVE YARDAGE OR TIME WITHOUT QUESTION IF THIS IS SIGNED

6116

2791

ADVANCED SITE CONTRACTORS

36 NORTH RAILROAD STREET
STATEN ISLAND, NY 10312
(718) 984-7483

Customer Shall Be Responsible and Pay For All Fines or Overweight Loads.

Day WEDNESDAY Date 9/19/12

Hired to DURATECH / BMB

Job QNS BLVD 52nd ST

Driver GREG Time in 500 AM

Truck # 7 Time out

All Other Equipment

Hours Worked

Signed by

Trucks will not dump without necessary permits on jobsite. Customer will be solely responsible for all dumping and tracking violations. Customer will be charged full days rental(s) for everyday lost as a result of any violations.

X

LOAD COUNT

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

2790

ADVANCED SITE CONTRACTORS

36 NORTH RAILROAD STREET
STATEN ISLAND, NY 10312
(718) 984-7483

Customer Shall Be Responsible and Pay For All Fines or Overweight Loads.

Day WEDNESDAY Date 9/19/12

Hired to DURATECH / BMB

Job QNS BLVD & 52nd ST

Driver GREG Time in 500

Truck # 7 Time out

All Other Equipment

Hours Worked

Signed by

Trucks will not dump without necessary permits on jobsite. Customer will be solely responsible for all dumping and tracking violations. Customer will be charged full days rental(s) for everyday lost as a result of any violations.

X

LOAD COUNT

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24

APPENDIX 8

DETAILS OF VAPOR BARRIER

VAPORBLOCK® PLUS™ VBP20

Under-Slab Vapor / Gas Barrier

RAVEN INDUSTRIES

Product Description

VaporBlock® Plus™ 20 is a seven-layer co-extruded barrier made from state-of-the-art polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission. VaporBlock® Plus™ 20 is a highly resilient underslab / vertical wall barrier designed to restrict naturally occurring gases such as radon and/or methane from migrating through the ground and concrete slab. VaporBlock® Plus™ 20 is more than 100 times less permeable than typical high-performance polyethylene vapor retarders against Methane, Radon and other harmful VOCs.

VaporBlock® Plus™ 20 is one of the most effective underslab gas barriers in the building industry today far exceeding ASTM E-1745 (Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs) Class A, B and C requirements. Available in a 20 (Class A) mil thicknesses designed to meet the most stringent requirements. VaporBlock® Plus™ 20 is produced within the strict guidelines of our ISO 9001:2008 Certified Management System.

Product Use

VaporBlock® Plus™ 20 resists gas and moisture migration into the building envelop when properly installed to provide protection from toxic/harmful chemicals. It can be installed as part of a passive or active control system extending across the entire building including floors, walls and crawl spaces. When installed as a passive system it is recommended to also include a ventilated system with sump(s) that could be converted to an active control system with properly designed ventilation fans.

VaporBlock® Plus™ 20 works to protect your flooring and other moisture-sensitive furnishings in the building's interior from moisture and water vapor migration, greatly reducing condensation, mold and degradation.

Size & Packaging

VaporBlock® Plus™ 20 is available in 10' x 150' rolls to maximize coverage. All rolls are folded on heavy-duty cores for ease in handling and installation. Other custom sizes with factory welded seams are available based on minimum volume requirements. Installation instructions and ASTM E-1745 classifications accompany each roll.

Under-Slab Vapor/Gas Retarder

Product	Part #
VaporBlock Plus 20	VBP 20

APPLICATIONS

- Radon Barrier
- Methane Barrier
- VOC Barrier
- Under-Slab Vapor Retarder
- Foundation Wall Vapor Retarder

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VAPORBLOCK® PLUS™ VBP20

Under-Slab Vapor / Gas Barrier

ISO 9001:2008
CERTIFIED MANAGEMENT SYSTEM

		VAPORBLOCK PLUS 20	
PROPERTIES	**TEST METHOD**	**IMPERIAL**	**METRIC**
APPEARANCE		White/Gold	
THICKNESS, NOMINAL		20 mil	0.51 mm
WEIGHT		102 lbs/MSF	498 g/m²
CLASSIFICATION	ASTM E 1745	CLASS A, B & C	
TENSILE STRENGTH LBF/IN (N/CM) AVERAGE MD & TD (NEW MATERIAL)	ASTM E 154 Section 9 (D-882)	58 lbf	102 N
IMPACT RESISTANCE	ASTM D 1709	2600 g	
MAXIMUM USE TEMPERATURE		180° F	82° C
MINIMUM USE TEMPERATURE		-70° F	-57° C
PERMEANCE (NEW MATERIAL)	ASTM E 154 Section 7 ASTM E 96 Procedure B	0.0051 Perms grains/(ft²·hr·in·Hg)	0.0034 Perms g/(24hr·m²·mm Hg)
RADON DIFFUSION COEFFIECIENT	K124/02/95	< 1.1 x 10^{-13} m²/s	
METHANE PERMEANCE	ASTM D 1434	< 1.7 x 10^{-10} m²/d• atm 0.32 GTR (Gas Transmission Rate) ml/m²•D•ATM	

VaporBlock® Plus™ Placement

All instructions on architectural or structural drawings should be reviewed and followed.
Detailed installation instructions accompany each roll of VaporBlock® Plus™ and can also be located on our website.
ASTM E-1643 also provides general installation information for vapor retarders.

VaporBlock® Plus™
UNDERSLAB VAPOR RETARDER / GAS BARRIER

VaporBlock® Plus™ is a seven-layer co-extruded barrier made using high quality virgin-grade polyethylene and EVOH resins to provide unmatched impact strength as well as superior resistance to gas and moisture transmission.

Note: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. RAVEN INDUSTRIES MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage.

RAVEN INDUSTRIES

Engineered Films Division
P.O. Box 5107
Sioux Falls, SD 57117-5107
Ph: (605) 335-0174 • Fx: (605) 331-0333

Toll Free: **800-635-3456**
Email: **efdsales@ravenind.com**
www.ravenefd.com

Limited Warranty available at www.RavenEFD.com

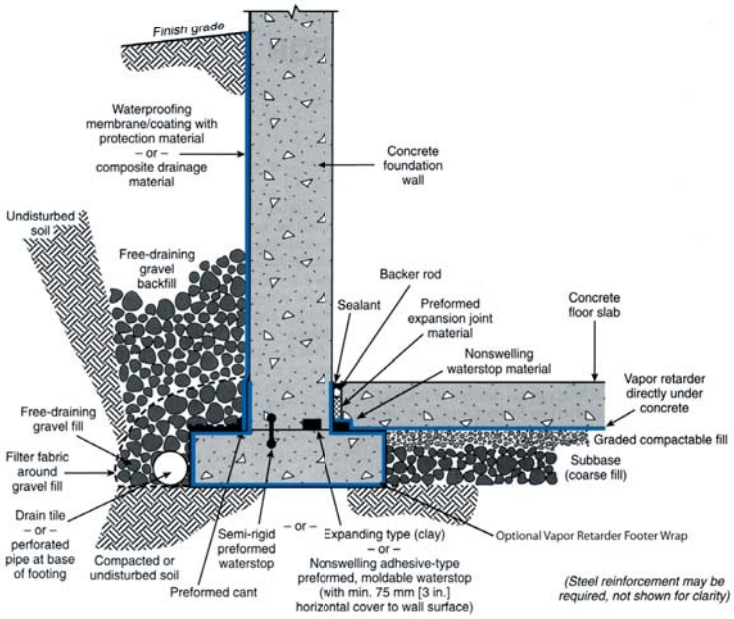
UNDERSLAB VAPOR / GAS BARRIERS
INSTALLATION GUIDELINES

Visit our website for current technical data sheets as well as detailed installation guidelines at www.vaporblock.com and click on the appropriate link under the left menu.

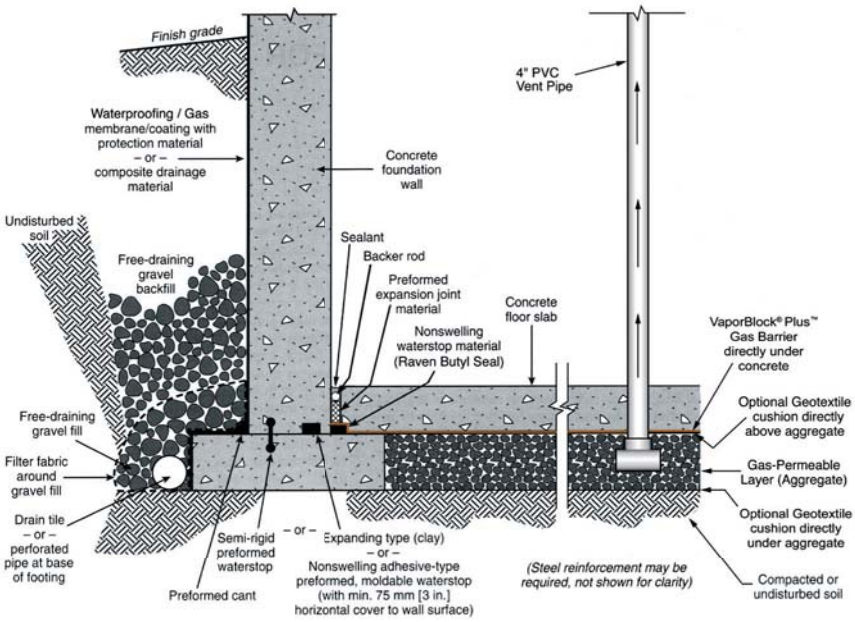
Note: Please refer to ASTM E 1643 (Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs) and the appendixes that accompany this standard to provide additional installation information.

Please follow all architectural drawings/instructions and conform to all applicable local, state and federal regulations and laws pertaining to residential and commercial building construction.

UNDERSLAB VAPOR RETARDER/BARRIER



UNDERSLAB MOISTURE AND GAS BARRIER



Illustrations should be used for general information only. Original diagrams on this page were reprinted with permission by the Portland Cement Association.
Reference: Kanare, Howard M., Concrete Floors and Moisture, EB119, Portland Cement Association, Skokie, Illinois, and National Ready Mixed Concrete Association, Silver Spring, Maryland, USA, 2008, 176 pages.

APPENDIX 9

RAW ANALYTICAL DATA FOR GROUNDWATER

ALS Environmental

34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

October 5, 2012

Ms. Shana Holberton
Athenica Environmental Service

Certificate of Analysis

Project Name:	**12-0013**	Workorder:	**9990879**
Purchase Order:		Workorder ID:	**12-0013**

Dear Ms. Holberton,

Enclosed are the analytical results for samples received by the laboratory on Friday, September 28, 2012.

The ALS Environmental laboratory in Middletown, Pennsylvania (formerly Analytical Laboratory Services, Inc.) is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Anna G Milliken
Technical Manager

ALS Environmental

34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

SAMPLE SUMMARY

Workorder: 9990879 12-0013 Discard Date: 10/19/2012

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9990879001	MW-1, S-1	Water	9/28/12 09:30	9/28/12 21:11	Shana Holberton
9990879002	MW-2, S-1	Water	9/28/12 12:00	9/28/12 21:11	Shana Holberton
9990879003	MW-3, S-1	Water	9/28/12 15:10	9/28/12 21:11	Shana Holberton
9990879004	Trip Blank	Water	9/28/12 21:11	9/28/12 21:11	Shana Holberton

Workorder Comments:

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as “analyze immediately” require analysis within 15 minutes of collection. Any “analyze immediately” parameters not listed under the header “Field Parameters” are performed in the laboratory and are therefore analyzed out of hold time.

Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:10	DD	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:10	DD	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/2/12 04:10	DD	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
cis-1,2-Dichloroethene	7.0		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/2/12 04:10	DD	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/2/12 04:10	DD	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Tetrachloroethene	153		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/2/12 04:10	DD	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
Trichloroethene	2.9		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A

ALS Environmental
34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:10	DD	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/2/12 04:10	DD	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	86.2		%	62-133	SW846 8260B			10/2/12 04:10	DD	A
4-Bromofluorobenzene (S)	89		%	79-114	SW846 8260B			10/2/12 04:10	DD	A
Dibromofluoromethane (S)	81.9		%	78-116	SW846 8260B			10/2/12 04:10	DD	A
Toluene-d8 (S)	88.9		%	76-127	SW846 8260B			10/2/12 04:10	DD	A
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			10/2/12 04:10	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Acenaphthylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Benzo(a)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Benzo(a)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Bromophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Butylbenzylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Carbazole	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Chloro-3-methylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Chloroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Chloronaphthalene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Chlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Chrysene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
mp-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
o-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Di-n-Butylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Di-n-Octylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Dibenzofuran	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
3,3-Dichlorobenzidine	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4-Dichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Diethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4-Dimethylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Dimethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4-Dinitrophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,6-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
bis(2-Ethylhexyl)phthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Fluorene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Hexachlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Hexachlorobutadiene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Hexachlorocyclopentadiene	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Hexachloroethane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Isophorone	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Methylnaphthalene	ND		ug/L	1.9	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Naphthalene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
3-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Nitrobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
4-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
N-Nitrosodiphenylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Pentachlorophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Phenanthrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Phenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4,5-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2,4,6-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1

Library Search - SemiVolatiles

Tetrachloroethylene	55.8	J N	ug/L		SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	92.9		%	40-125	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Fluorobiphenyl (S)	84.3		%	50-110	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
2-Fluorophenol (S)	48.3		%	20-75	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	93.3		%	40-110	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Phenol-d5 (S)	34.8		%	13-49	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
Terphenyl-d14 (S)	105		%	50-122	SW846 8270D	10/3/12	GEC	10/4/12 14:23	DHF	C1
SEMIVOLATILE SIM										
Acenaphthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Acenaphthylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Benzo(a)anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Benzo(a)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Benzo(b)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Benzo(g,h,i)perylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Benzo(k)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Chrysene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Dibenzo(a,h)anthracene	ND		ug/L	0.065	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Fluorene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Naphthalene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Phenanthrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2-Methylnapthalene-d10 (S)	84.8		%	29-112	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
Fluoranthene-d10 (S)	102		%	45-130	8270 SIM	10/3/12	GEC	10/4/12 18:47	CGS	C2
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1016	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1221	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1232	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1242	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1248	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1254	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Aroclor-1260	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	68.2		%	30-150	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2
Tetrachloro-m-xylene (S)	74.8		%	36-112	SW846 8082A	10/3/12	LEH	10/5/12 12:53	JJH	E2

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
PESTICIDES										
Aldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
alpha-BHC	ND		ug/L	0.019	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
beta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
delta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
gamma-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
alpha-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
gamma-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
4,4'-DDD	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
4,4'-DDE	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
4,4'-DDT	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Dieldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endosulfan I	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endosulfan II	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endosulfan Sulfate	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endrin Aldehyde	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Endrin Ketone	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Heptachlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Heptachlor Epoxide	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Methoxychlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Toxaphene	ND		ug/L	0.94	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	50.4		%	30-140	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
Tetrachloro-m-xylene (S)	80.6		%	30-123	SW846 8081B	10/3/12	LEH	10/5/12 06:10	KJH	E1
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Arsenic, Dissolved	ND		mg/L	0.0080	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Barium, Dissolved	0.22		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Calcium, Dissolved	94.1		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Chromium, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Cobalt, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Iron, Dissolved	ND		mg/L	0.060	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Lead, Dissolved	ND		mg/L	0.0060	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Magnesium, Dissolved	43.9		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879001** Date Collected: 9/28/2012 09:30 Matrix: Water

Sample ID: **MW-1, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Dissolved	0.093		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	10/4/12	MNP	10/4/12 12:15	MNP	G2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Potassium, Dissolved	3.2		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Selenium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Sodium, Dissolved	193		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1
Zinc, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:07	JWK	G1

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:32	DD	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:32	DD	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/2/12 04:32	DD	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
cis-1,2-Dichloroethene	8.6		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/2/12 04:32	DD	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/2/12 04:32	DD	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Tetrachloroethene	83.8		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/2/12 04:32	DD	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
Trichloroethene	5.0		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:32	DD	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/2/12 04:32	DD	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	87.5		%	62-133	SW846 8260B			10/2/12 04:32	DD	A
4-Bromofluorobenzene (S)	90.1		%	79-114	SW846 8260B			10/2/12 04:32	DD	A
Dibromofluoromethane (S)	82.2		%	78-116	SW846 8260B			10/2/12 04:32	DD	A
Toluene-d8 (S)	89.6		%	76-127	SW846 8260B			10/2/12 04:32	DD	A
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			10/2/12 04:32	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Acenaphthylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Benzo(a)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Benzo(a)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Benzo(b)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Benzo(g,h,i)perylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Benzo(k)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Bromophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Butylbenzylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Carbazole	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Chloro-3-methylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Chloroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Chloronaphthalene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Chlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Chrysene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
mp-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
o-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Di-n-Butylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Di-n-Octylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Dibenzofuran	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
3,3-Dichlorobenzidine	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4-Dichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Diethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4-Dimethylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Dimethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4-Dinitrophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,6-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
bis(2-Ethylhexyl)phthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Fluorene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Hexachlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Hexachlorobutadiene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Hexachlorocyclopentadiene	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Hexachloroethane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Isophorone	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Methylnaphthalene	ND		ug/L	1.9	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Naphthalene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
3-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Nitrobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
4-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
N-Nitrosodiphenylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Pentachlorophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Phenanthrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Phenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4,5-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2,4,6-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1

Library Search - SemiVolatiles

Tetrachloroethylene	33.9	J N	ug/L		SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	94.8		%	40-125	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Fluorobiphenyl (S)	86.7		%	50-110	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
2-Fluorophenol (S)	48.6		%	20-75	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1

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State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Nitrobenzene-d5 (S)	97.2		%	40-110	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Phenol-d5 (S)	35.1		%	13-49	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
Terphenyl-d14 (S)	105		%	50-122	SW846 8270D	10/3/12	GEC	10/4/12 14:48	DHF	C1
SEMIVOLATILE SIM										
Acenaphthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Acenaphthylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Benzo(a)anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Benzo(a)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Benzo(b)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Benzo(g,h,i)perylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Benzo(k)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Chrysene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Dibenzo(a,h)anthracene	ND		ug/L	0.065	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Fluorene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Naphthalene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Phenanthrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2-Methylnapthalene-d10 (S)	85.4		%	29-112	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
Fluoranthene-d10 (S)	102		%	45-130	8270 SIM	10/3/12	GEC	10/4/12 19:15	CGS	C2
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1016	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1221	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1232	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1242	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1248	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1254	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Aroclor-1260	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	57.2		%	30-150	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2
Tetrachloro-m-xylene (S)	71.6		%	36-112	SW846 8082A	10/3/12	LEH	10/5/12 13:11	JJH	E2

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
PESTICIDES										
Aldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
alpha-BHC	ND		ug/L	0.019	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
beta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
delta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
gamma-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
alpha-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
gamma-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
4,4'-DDD	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
4,4'-DDE	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
4,4'-DDT	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Dieldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endosulfan I	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endosulfan II	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endosulfan Sulfate	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endrin Aldehyde	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Endrin Ketone	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Heptachlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Heptachlor Epoxide	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Methoxychlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Toxaphene	ND		ug/L	0.94	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	41.3		%	30-140	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
Tetrachloro-m-xylene (S)	79.5		%	30-123	SW846 8081B	10/3/12	LEH	10/5/12 05:49	KJH	E1
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Arsenic, Dissolved	ND		mg/L	0.0080	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Barium, Dissolved	0.16		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Calcium, Dissolved	104		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Chromium, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Cobalt, Dissolved	0.057		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Iron, Dissolved	ND		mg/L	0.060	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Lead, Dissolved	ND		mg/L	0.0060	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Magnesium, Dissolved	39.7		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879002** Date Collected: 9/28/2012 12:00 Matrix: Water

Sample ID: **MW-2, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Dissolved	0.50		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	10/4/12	MNP	10/4/12 12:18	MNP	G2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Potassium, Dissolved	4.3		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Selenium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Sodium, Dissolved	156		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1
Zinc, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:10	JWK	G1

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:54	DD	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/2/12 04:54	DD	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Chloroform	17.2		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/2/12 04:54	DD	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
cis-1,2-Dichloroethene	11.3		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/2/12 04:54	DD	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/2/12 04:54	DD	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Tetrachloroethene	25.6		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/2/12 04:54	DD	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
Trichloroethene	2.1		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/2/12 04:54	DD	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/2/12 04:54	DD	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	86.1		%	62-133	SW846 8260B			10/2/12 04:54	DD	A
4-Bromofluorobenzene (S)	88.1		%	79-114	SW846 8260B			10/2/12 04:54	DD	A
Dibromofluoromethane (S)	82.3		%	78-116	SW846 8260B			10/2/12 04:54	DD	A
Toluene-d8 (S)	88.9		%	76-127	SW846 8260B			10/2/12 04:54	DD	A
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			10/2/12 04:54	CPK	A
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Acenaphthylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Benzo(a)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Benzo(a)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Benzo(b)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Benzo(g,h,i)perylene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Benzo(k)fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Bromophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Butylbenzylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Carbazole	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Chloro-3-methylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Chloroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
bis(2-Chloroethoxy)methane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
bis(2-Chloroisopropyl)ether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Chloronaphthalene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Chlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Chlorophenyl-phenylether	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Chrysene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
mp-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
o-Cresol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Di-n-Butylphthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Di-n-Octylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Dibenzo(a,h)anthracene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Dibenzofuran	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
3,3-Dichlorobenzidine	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4-Dichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Diethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4-Dimethylphenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Dimethylphthalate	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4-Dinitrophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,6-Dinitrotoluene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
bis(2-Ethylhexyl)phthalate	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Fluoranthene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Fluorene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Hexachlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Hexachlorobutadiene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Hexachlorocyclopentadiene	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Hexachloroethane	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Indeno(1,2,3-cd)pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Isophorone	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Methyl-4,6-dinitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Methylnaphthalene	ND		ug/L	1.9	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Naphthalene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
3-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Nitroaniline	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Nitrobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
4-Nitrophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
N-Nitroso-di-n-propylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
N-Nitrosodiphenylamine	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Pentachlorophenol	ND		ug/L	14.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Phenanthrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Phenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Pyrene	ND		ug/L	1.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
1,2,4-Trichlorobenzene	ND		ug/L	2.8	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4,5-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2,4,6-Trichlorophenol	ND		ug/L	7.4	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Library Search - SemiVolatiles										
Tetrachloroethylene	6.8	J N	ug/L		SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Phenol, nonyl-	1.7	J N	ug/L		SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	84.4		%	40-125	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
2-Fluorobiphenyl (S)	63.7		%	50-110	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: CT PH-0224 , DE ID 11 , GA 914 , MA PA0102 , MD 128 , LA 04162 , VA 421 , WY EPA Region 8 , WV 343

ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
2-Fluorophenol (S)	33.7		%	20-75	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Nitrobenzene-d5 (S)	68.6		%	40-110	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Phenol-d5 (S)	24.8		%	13-49	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
Terphenyl-d14 (S)	98.2		%	50-122	SW846 8270D	10/3/12	GEC	10/4/12 15:38	DHF	E1
SEMIVOLATILE SIM										
Acenaphthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Acenaphthylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Benzo(a)anthracene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Benzo(a)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Benzo(b)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Benzo(g,h,i)perylene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Benzo(k)fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Chrysene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Dibenzo(a,h)anthracene	ND		ug/L	0.065	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Fluoranthene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Fluorene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Naphthalene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Phenanthrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Pyrene	ND		ug/L	0.093	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2-Methylnapthalene-d10 (S)	61.1		%	29-112	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
Fluoranthene-d10 (S)	91.3		%	45-130	8270 SIM	10/3/12	GEC	10/4/12 19:43	CGS	C1
PCBs										
Total Polychlorinated Biphenyl	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1016	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1221	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1232	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1242	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1248	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1254	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Aroclor-1260	ND		ug/L	0.47	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	75.1		%	30-150	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3
Tetrachloro-m-xylene (S)	61.8		%	36-112	SW846 8082A	10/3/12	LEH	10/5/12 08:04	JJH	E3

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
PESTICIDES										
Aldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
alpha-BHC	ND		ug/L	0.019	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
beta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
delta-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
gamma-BHC	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
alpha-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
gamma-Chlordane	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
4,4'-DDD	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
4,4'-DDE	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
4,4'-DDT	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Dieldrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endosulfan I	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endosulfan II	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endosulfan Sulfate	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endrin	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endrin Aldehyde	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Endrin Ketone	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Heptachlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Heptachlor Epoxide	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Methoxychlor	ND		ug/L	0.024	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Toxaphene	ND		ug/L	0.94	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyl (S)	56.4		%	30-140	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
Tetrachloro-m-xylene (S)	83		%	30-123	SW846 8081B	10/3/12	LEH	10/5/12 05:06	KJH	E2
METALS										
Aluminum, Dissolved	ND		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Antimony, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Arsenic, Dissolved	ND		mg/L	0.0080	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Barium, Dissolved	0.17		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Beryllium, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Cadmium, Dissolved	ND		mg/L	0.0020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Calcium, Dissolved	71.7		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Chromium, Dissolved	0.012		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Cobalt, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Copper, Dissolved	ND		mg/L	0.010	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Iron, Dissolved	0.12		mg/L	0.060	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Lead, Dissolved	ND		mg/L	0.0060	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Magnesium, Dissolved	26.6		mg/L	0.10	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879003** Date Collected: 9/28/2012 15:10 Matrix: Water

Sample ID: **MW-3, S-1** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Manganese, Dissolved	0.34		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Mercury, Dissolved	ND		mg/L	0.00050	SW846 7470A	10/4/12	MNP	10/4/12 12:19	MNP	G2
Nickel, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Potassium, Dissolved	4.1		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Selenium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Silver, Dissolved	ND		mg/L	0.0040	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Sodium, Dissolved	20.1		mg/L	0.50	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Thallium, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Vanadium, Dissolved	ND		mg/L	0.0050	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1
Zinc, Dissolved	ND		mg/L	0.020	SW846 6010C	10/2/12	JWK	10/2/12 18:22	JWK	G1

Sample Comments:

Anna G Milliken
Technical Manager

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879004** Date Collected: 9/28/2012 21:11 Matrix: Water

Sample ID: **Trip Blank** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/2/12 01:11	DD	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/2/12 01:11	DD	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/2/12 01:11	DD	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/2/12 01:11	DD	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/2/12 01:11	DD	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/2/12 01:11	DD	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A

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ANALYTICAL RESULTS

Workorder: 9990879 12-0013

Lab ID: **9990879004** Date Collected: 9/28/2012 21:11 Matrix: Water

Sample ID: **Trip Blank** Date Received: 9/28/2012 21:11

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/2/12 01:11	DD	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/2/12 01:11	DD	A
Library Search - Volatiles										
Unknown	16.5	J	ug/L		SW846 8260B			10/2/12 01:11	DD	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	86.7		%	62-133	SW846 8260B			10/2/12 01:11	DD	A
4-Bromofluorobenzene (S)	91.9		%	79-114	SW846 8260B			10/2/12 01:11	DD	A
Dibromofluoromethane (S)	81.9		%	78-116	SW846 8260B			10/2/12 01:11	DD	A
Toluene-d8 (S)	90.9		%	76-127	SW846 8260B			10/2/12 01:11	DD	A
LIBRARY SEARCH - VOLATILES										
No TIC's Detected	.				Lib Search VOC			10/2/12 01:11	CPK	A

Sample Comments:

Anna G Milliken
Technical Manager

ALS Environmental
Ship to: 34 Dogwood Lane • Middletown, PA 17057 • 717.944.5541 • Fax: 717.944.1430

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1
Courier:
Tracking #:
9990879

Co. Name: Athenica Environmental
Contact (Report to): Shana Holberton Phone: 718 784 7490
Address: 45-09 Greenpoint Ave
Long Island City, NY 11104

Bill to (if different than Report to): PO#:

Project Name/#: 12-0013 ALS Quote #:

TAT: [X] Normal-Standard TAT is 10 business days. Date Required:
[ ] Rush-Subject to ALS approval and surcharges. Approved By:

Email? [X] -Y shalberton@athenica.com
Fax? [ ] -Y No.:

***Container Type	CG	AG	AG	PL
***Container Size	40ml	1L	1L	500ml
*** Preservative	HCl	none	none	

ANALYSES/METHOD REQUESTED

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	TCL VOCs	TCL SVOCs	Pest/PCBs	TAL Metals							
1 MW-1, S-1		9-28-12	9:30	G	GW	2	2	2	1		1 bottle broken in transit AJ 9/28/12					
2 MW-2, S-1			12:			2	2	2	1							
3 MW-3, S-1			15:10			2	2	2	1							
4 Trip Blank (4 vials - 2 per cooler)																
5																
6																
7																
8																

Enter Number of Containers Per Analysis

(completed by Sample Receiver)
Performed by: AT
Cooler Temp:
Therm. ID: 7625
No. of Coolers:
Notes:

	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Circle appropriate Y or N.
	Y N	Y N	Y N	Y N	

	Custody seals Present?	(if present) Seals intact?	Received on ice?	COC/Labels complete/accurate?	Container in good condition?
	Y N	Y N	Y N	Y N	Y N

SAMPLED BY (Please Print): Shana Holberton
LOGGED BY(signature): DATE 9/28/12 TIME 1639
REVIEWED BY(signature): DATE 10/02/12 TIME 1635

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1	9-28	1530	2	9-28	1530
3	9-28	1930	4	9/28	1930
5	9/28	2111	6	9/28	2111
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] other
EDDs Required? [ ] If yes, format type:
DOD Criteria Required?
SDWA Forms?→ yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected In? MD [ ] NJ [ ] NY [X] PA [ ] Other
ALS FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite **Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY ***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc. Rev 6/2011

Tonya Hironimus

From: Shana Holberton <sholberton@athenica.com>
Sent: Wednesday, October 03, 2012 3:03 PM
To: Tonya Hironimus
Subject: RE: 12-0013 (9990879)

Dissolved.

Thanks!

From: Tonya Hironimus [mailto:Tonya.Hironimus@ALSGlobal.com]
Sent: Tuesday, October 02, 2012 4:33 PM
To: Shana Holberton
Subject: 12-0013 (9990879)

Shana,
For this project, collected 9/28, do you need the TAL metals processed as totals or dissolved?
Take our short online customer survey for a chance to win a FREE iPad!
Regards,

Tonya Hironimus
PROJECT MANAGER

ALS | Environmental

ADDRESS
34 Dogwood Lane
Middletown, Pennsylvania, USA 17057

PHONE: +1 717 702 2246 (Direct)
PHONE: +1 717 944 5541 (Main)
FAX: +1 717 944 1430
www.alsglobal.com

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APPENDIX 10

GROUNDWATER MONITORING WELL CONSTRUCTION LOGS

JOB NAME: 52-01 Queens Boulevard

WELL NUMBER: **MW-1**

ADDRESS: 52-01 Queens Boulevard

DRILLING METHOD: Sonic Rig

INSTALLATION DATE: 9/20/12

DRILLER: ADT

DEVELOPMENT DATE: 9/21/12

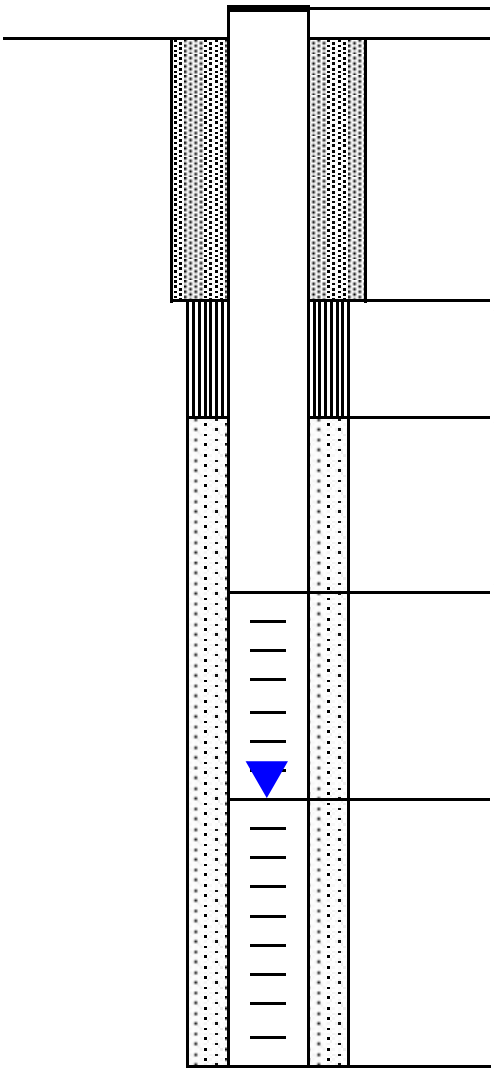
HEIGHT OF STICK-UP: Approximately 2 feet

DEPTH TO WATER: 63.80 feet from TOC

ELEVATION DATUM: 86.38 feet

DEPTH TO PRODUCT: n/a

Depth from Ground Surface (feet)	Elevation	
2.00	86.38	Top of Casing (TOC) 2" PVC
0.00	83.38	Ground Surface/Top of Cement Slurry
-41.00	45.38	Bottom of Cement Slurry/ Top of Bentonite Seal
-43.00	43.38	Bottom of Bentonite Seal/ Top of Sand Pack
-45.00	41.38	Top of No. 10 Slot Well Screen
-63.80	22.58	Depth to Water (from top of casing)
-75.00	11.38	Depth to Bottom of Screen/ Bottom of Sand Pack



Notes:

NOT TO SCALE

JOB NAME: 52-01 Queens Boulevard

WELL NUMBER: **MW-2**

ADDRESS: 52-01 Queens Boulevard

DRILLING METHOD: Sonic Rig

INSTALLATION DATE: 9/18/12

DRILLER: ADT

DEVELOPMENT DATE: 9/21/12

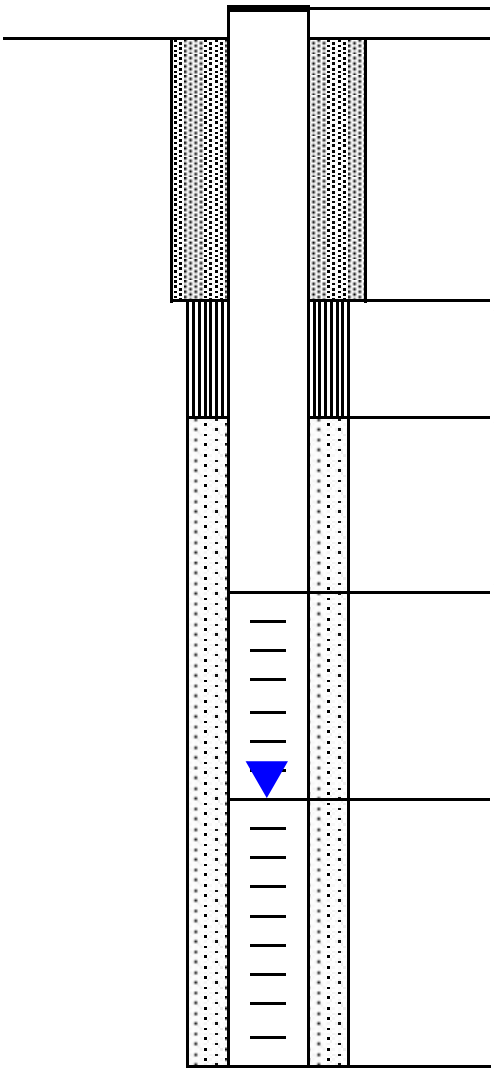
HEIGHT OF STICK-UP: 3 feet

DEPTH TO WATER: 62.60 feet from TOC

ELEVATION DATUM: 86.92 feet

DEPTH TO PRODUCT: n/a

Depth from Ground Surface (feet)	Elevation	
3.00	86.92	Top of Casing (TOC) 2" PVC
0.00	83.92	Ground Surface/Top of Cement Slurry
-36.00	50.92	Bottom of Cement Slurry/ Top of Bentonite Seal
-38.00	48.92	Bottom of Bentonite Seal/ Top of Sand Pack
-40.00	46.92	Top of No. 10 Slot Well Screen
-62.60	24.32	Depth to Water (from top of casing)
-70.00	16.92	Depth to Bottom of Screen/ Bottom of Sand Pack



Notes:

NOT TO SCALE

JOB NAME: 52-01 Queens Boulevard

WELL NUMBER: **MW-3**

ADDRESS: 52-01 Queens Boulevard

DRILLING METHOD: Sonic Rig

INSTALLATION DATE: 9/20/12

DRILLER: ADT

DEVELOPMENT DATE: 9/21/12

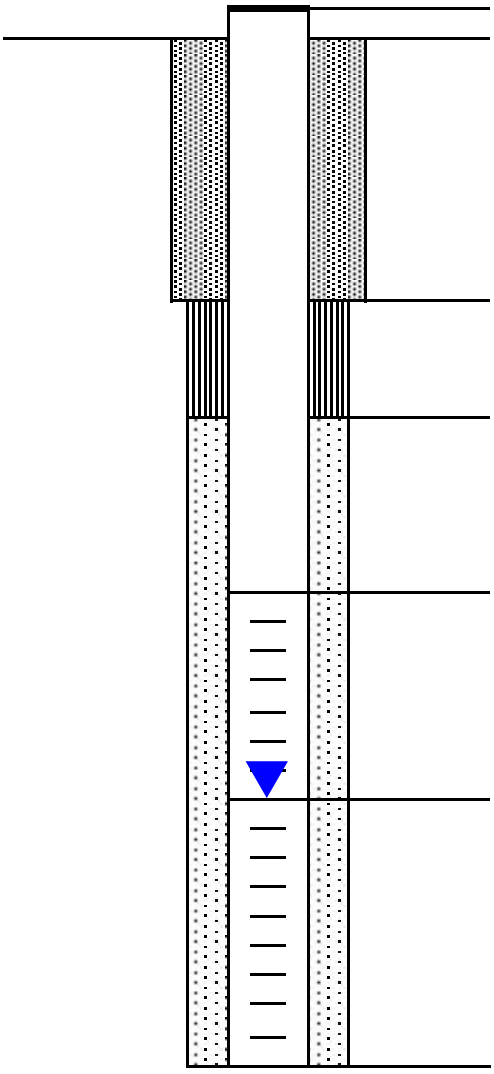
HEIGHT OF STICK-UP: Approximately 2 feet

DEPTH TO WATER: 63.37 feet from TOC

ELEVATION DATUM: 85.55 feet

DEPTH TO PRODUCT: n/a

Depth from Ground Surface (feet)	Elevation	
2.00	85.55	Top of Casing (TOC) 2" PVC
0.00	83.55	Ground Surface/Top of Cement Slurry
-41.00	44.55	Bottom of Cement Slurry/ Top of Bentonite Seal
-43.00	42.55	Bottom of Bentonite Seal/ Top of Sand Pack
-45.00	40.55	Top of No. 10 Slot Well Screen
-63.37	21.78	Depth to Water (from top of casing)
-75.00	10.55	Depth to Bottom of Screen/ Bottom of Sand Pack



Notes:

NOT TO SCALE

APPENDIX 11

SUSTAINABILITY REPORT

APPENDIX 11

SUSTAINABILITY REPORT

This Remedial Action Work Plan provides for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

Reuse of Clean, Recyclable Materials. Reuse of clean, recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction since these materials can be locally-derived.

Recycled gravel was used under the basement floor slab at the Site. An estimate of the tonnage of recycled gravel reused on this project is 90 cubic yards.

Conservation of Non-Renewable Resources. Reduced consumption of non-renewable resources such as soil and top-soil lowers the overall environmental impact of the project on the region by conserving these resources.

The project reduced the consumption of virgin materials by substituting recycled gravel for mined gravel whenever possible. Clean soils derived from excavation at the site were reused in the site development. An estimate of the tonnage of clean soil reused is 500 cubic yards. In addition, approximately 1,295 cubic yards of recognizable and uncontaminated construction demolition debris, consisting mainly of bricks and brick fragments was segregated at the Site and taken to a local facility for off-site re-use, further reducing the consumption of virgin and Non-Renewable Resources by others. Approximately 2,800 cubic yards of uncontaminated native soils from the Site was reused at Staten Island and Brooklyn in the NYC Clean Soil Bank.

Recontamination Control. Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from

future releases that occur within the property or by influx of existing contamination from off-Site.

Under future conditions, vapor intrusion from potential off-site sources will be prevented though the use of a vapor barrier beneath the building slab and along the southern and western foundation walls and portions of the north foundation wall from ground surface to the bottom of the footings. Figure 8 shows the location of the vapor barrier at the Site. In addition, the project will utilize high volume air exchange to vent the sub-grade parking area in compliance with NY Building Code. This will prevent any potential offsite soil vapor from accumulation within the building.

The area of the Site that utilizes recontamination controls under this plan is approximately 12,000-square feet, or 100% of the site.

Storm-water Retention. Storm-water retention improves water quality by lowering the rate of combined storm-water and sewer discharges to NYC's sewage treatment plants during periods of precipitation, and reduces the volume of untreated influent to local surface waters.

The new building will have a 562 cubic-foot retention tank for collection of storm-water located in the basement.

An estimate of area of the property for which enhanced storm-water retention capability has been established for the redevelopment project is approximately 12,000 square foot, or 100% of the site.

Paperless Brownfield Cleanup Program. 52-01 LLC participated in OER's Paperless Voluntary Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. Approximately 10 pounds of paper have been saved under this plan.

Trees and Plantings. Trees and other plantings provide habitat and add to NYC's environmental quality in a wide variety of ways. Native plant species and native habitat provide optimal support to local fauna, promote local biodiversity, and require less maintenance. New trees will be planted along the Site perimeter fronting Queens

Boulevard and 52nd Street. The number of trees to be planted as part of this redevelopment is 9.