PHASE II ENVIRONMENTAL SITE INVESTIGATION

Former Department of Education Garage
60 12th Street
Brooklyn, New York 11215
For
New York City Department Of Education
44-36 Vernon Boulevard
Long Island City, New York 11101
ATC Project Number 015.19125.0736; Task 2
NYSDEC Spill # 07-00373
Specification Number 0213l-04
Contract Number 3U76387
Passport Number 10375
December 7, 2007

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December 7, 2007

Mr. Bernard P. Orlan
Director, Environmental Health and Safety
New York City Department of Education
44-36 Vernon Boulevard
Long Island City, New York 11101

Re: Phase II Environmental Site Investigation
Former Garage at 60 12th Street
Brooklyn, New York 11215
NYSDEC Spill # 07-00373
Specification Number 0213L-04
Contract Number 3U76387
Passport Number 10375
ATC Project No. 015.19125.0736; Task 2

Dear Mr. Orlan:

New York City Department of Education (NYCDOE) requested ATC to remove the (9) 55-gallon and (3) 30-gallon drums that were stored at the site and perform a Phase II ESI to address the requirements set forth by the NYDDEC in the April 13, 2007 letter.

Attached is the Phase II ESI report. If you have any questions regarding this report, please feel free to call our office.

Sincerely,

Douglas Glorie, PE
Senior Project Manager

Michael Abramowitz
Environmental Division Manager

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1.0 EXECUTIVE SUMMARY

New York City Department of Education (NYCDOE) retained ATC Associates Inc. (ATC) to perform a Phase II Environmental Site Investigation (Phase II ESI) at the property located at 60 12th Street in Brooklyn, New York (herein after referred to as the "Site"). The Site is a 32,080 square foot, irregular-shaped parcel of land that occupies Block 1025, Lot 26 and is currently developed with a 45,000 square foot, two-story maintenance garage along the south side of 12th Street with portions of the building extending to 2nd Avenue and 13th Street. Refer to Figure 1 for a Site Area Map. The purpose of this investigation was to attempt to delineate the extent of impacted soil and groundwater, if identified, in the vicinity of the previously removed USTs and associated piping in accordance with DER-10 (Technical Guidance for Site Investigation and Remediation).

Results of the Phase II ESI revealed that, with the exception of the former UST area, the Site is underlain by fill materials containing coal, ash, brick, concrete, glass and wood intermixed with black stained coarse to fine sands. Black staining and petroleum odors were most evident at depths ranging from 4 to 12 feet bgs.

The soil analytical results indicate concentrations of VOCs above the laboratory minimum detection limit (MDL) for all but five samples collected and SVOCs above laboratory MDL for all but one sample collected. The presence of VOCs at downgradient boring SB-09 indicates a potential that on-site USTs have contributed to impact of soil. The results of the fingerprint sample also indicated the presence of petroleum contamination. The presence of VOCs at upgradient and crossgradient borings indicates a site-wide petroleum impact. The presence of BTEX compounds in groundwater samples collected by ATC is consistent with the presence of BTEX compounds reported by the NYSDEC at the former MGP site. The presence of BTEX compounds in groundwater at the Site indicates probable impact of the Site by the former MGP site. The presence of MTBE in groundwater indicates a potential that on-site USTs have contributed to impact of groundwater. The presence of SVOCs indicates that fill material likely contributed to impact of soil.

ATC concludes that historic fill material, historic use of the surrounding area (MGP property) and the on-site USTs have likely contributed to the impact of soil and groundwater at the Site.

Following the submittal of this report to the NYSDEC, additional delineation and remedial actions may be warranted including but not limited to the following:

- Review of the case file data from NYSDEC regarding MGP monitoring wells and groundwater impact;
- Further delineate VOCs in soil at Site;
- Based on conclusions after review of the case file, further delineation of VOCs and additional groundwater monitoring and/or remediation of Site soil may be required.

- **INTRODUCTION**

New York City Department of Education (NYCDOE) retained ATC Associates Inc. (ATC) to perform a Phase II Environmental Site Investigation (Phase II ESI) at the property located at 60 12th Street in Brooklyn, New York (herein after referred to as the "Site"). The Site is a 32,080 square foot, irregular-shaped parcel of land that occupies Block 1025, Lot 26 and is currently developed with a 45,000 square foot, two-story maintenance garage along the south side of 12th Street with portions of the building extending to 2nd Avenue and 13th Street. Refer to Figure 1 for a Site Area Map. The purpose of this Phase II ESI was to attempt to delineate the extent of impacted soil and groundwater, if identified, in the vicinity of the previously removed USTs and associated piping in accordance with DER-10 (Technical Guidance for Site Investigation and Remediation). NYCDOE requested ATC to remove the (9) 55-gallon and (3) 30-gallon drums that were stored at the site and perform a Phase II ESI to address the requirements set forth by the NYCDEC in the April 13, 2007 letter.

2.1 Background

The Site is located approximately 800 feet east of the Gowanus Canal in a mixed commercial/industrial area of Brooklyn, New York. Surrounding land uses include an oil distributor, a garbage truck maintenance facility, a Lowes Building Supply store, a school district warehouse, a grocery store and attached strip mall. Residential areas exist within a few blocks to the east and to the west.

According to the New York City Department of Buildings (NYCDOB) website (http://nyc.gov), an application was filed in 1996 for the upgrade of a 3,000-gallon diesel tank, a 3,000-gallon gasoline tank, and the installation of new related piping and controls for motor vehicle fuel use. The NYSDEC Petroleum Bulk Storage Program Facility Information Report indicates that one (1) 3,000 gallon gasoline UST and one (1) 3,000 gallon diesel UST were closed and removed on March 30, 2007.

Mr. Douglas Glorie of ATC spoke with Mr. Gardiner Cross of the NYSDEC by telephone on August 7, 2007. Mr. Cross was the NYSDEC case manager for the remedial investigation and remediation of a former Keyspan manufactured gas plant (MGP) known as the USPS Gowanus Site V00405, which was located immediately north of the Site across 12th Street and occupied the entire block from 12th Street to 10th Street west of 2nd Avenue. The MGP property is currently developed with a Lowes Building Supply Store, a grocery store and attached strip mall reportedly built in 2004. According to Mr. Cross, the buildings in the neighborhood are built on fill comprised of coal ash from New York City incinerators.

According to Mr. Cross, Site V00405 had three large manufactured gas holding tanks reportedly located north of the NYCDOE garage immediately across 12th Street and west of 2nd Avenue. According to the NYSDEC, contamination was identified at the north side of 12th Street with the know plume containing benzene, toluene, ethylbenzene, and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAH) at depths of 40 to 50 ft bgs extending to the south south-west. Through a voluntary settlement agreement with Lowes Building Supply, the site was partially remediated during 2003 and deed restrictions placed on the property. Groundwater monitoring wells surrounding Lowes Building Supply continue to contain tar that is periodically removed and disposed of; on-going groundwater monitoring is being performed.

According to the "Technical Report" prepared by York Analytical Laboratories, Inc. for Franklin Company Contractors (Franklin) dated April 11, 2007, soil and groundwater samples were collected on April 2, 2007 in the northwest corner of the building in the vicinity of the USTs. According to NYCDOE, the samples were collected after removal of the two (2) USTs. The report does not provide

a written scope of work, geophysical survey, field screening observations or sample locations. According to the report, two (2) soil samples and one (1) groundwater sample were collected and submitted for laboratory analysis. Samples were analyzed for Spill Technology and Remediation Series (STARS) volatile organic compounds (VOCs) and STARS semi-volatile organic compounds (SVOCs). VOC and SVOC concentrations in soil were not detected with the exception of naphthalene, which was detected below the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memo (TAGM) 4046 Recommended Soil Cleanup Objectives (RSCOS). Analytical results for the groundwater sample indicated concentrations of VOCs in excess of their respective NYSDEC TOGS guidance values. Accordingly, the NYSDEC was notified and Spill No. 0700373 was assigned to this incident. In a letter dated April 13, 2007 addressed to Ms. Tanya Hobson Williams of the NYCDOE, the NYSDEC required delineation of soil and groundwater contamination around the previously removed USTs and associated piping in accordance with DER-10 (Technical Guidance for Site Investigation and Remediation). Refer to Appendix B for a copy of the York Analytical Laboratories, Inc. "Technical Report" and Appendix C for a copy of the correspondence between NYSDEC and NYCDOE.

On June 29, 2007 ATC attended a Site meeting with NYCDOE to discuss the proposed scope of work. In addition to investigating the potential presence of contamination in the area of the USTs, (9) 55-gallon drums and three (3) 30-gallon drums of vehicular waste oil were observed at the Site. NYCDOE requested ATC to remove the (9) 55-gallon and (3) 30-gallon drums that were stored at the site and perform a Phase II ESI to address the requirements set forth by the NYDDEC in the April 13, 2007 letter.

2.2 Scope of Work

The project scope of work included the following:

- Preparation of a Site-Specific Health and Safety Plan consistent with applicable and appropriate requirements;
- A utility clearance in the areas of the proposed soil borings;
- The advancement of twenty-three (23) soil borings;
- The advancement of three (3) permanent monitoring wells;
- The collection of twenty-five (25) soil samples for laboratory analysis; and,
- The collection of five (5) groundwater sample for laboratory analysis.

2.0 GEOPHYSICAL INVESTIGATION

On August 1, 2007 ATC and NOVA Geophysical & Environmental Services of Forest Hills, New York (NOVA) were on-Site to perform a geophysical survey to determine the location, size, and orientation of the reported former USTs and associated piping, if present, as well as to identify additional subsurface structures, tank sections, utilities, and anomalies in the areas of the proposed soil boring and monitoring well locations. The geophysical survey cleared all soil borings from subsurface structures and utilities so that they may be avoided during drilling activities. The geophysical survey consisted of Noggins ground penetrating radar with 750 megahertz (MHz) antenna, Mala's Utility Locator and GPR with 350 MHz antenna and Conquest Concrete Image Reader with 1,000 MHz antenna. A survey grid was established across the Site and EM data was collected in a "snakelike" manner at 5-foot intervals along the grid. The GPR data was collected in all areas where significant EM anomalies were present. Reconnaissance GPR profiles were completed in various orientations and lengths to determine the general characteristics of the subsurface. Any areas where the geophysical survey identified subsurface structures or utilities located in the vicinity of the proposed soil borings; the locations were relocated to avoid conflict.

The geophysical survey identified two (2) anomalies in north western portion of the building. The anomalies are consistent with the reported locations of former USTs. Additionally, ATC observed evidence of a former remote fill port in the sidewalk along 12th Street which was filled with concrete and a concrete patch at the reported location of the former fuel dispenser island east of the former USTs. Identified subsurface piping was consistent with the concrete patches and underground metal piping (fuel supply lines) from the USTs to the fuel dispenser and then from the fuel dispenser to the fuel fill ports. It should be noted that locations of these USTs are consistent with the locations of former USTs identified on the Drawing No. 41 "Removal & Replacement of Petroleum Storage Systems & Cathodic Protection Systems for NYPD, FDNY, NYCDEP, NYCDOS, NYCBOE" titled "BOE Brooklyn Garage Site / Demo Plan" prepared by Liro Engineers, Inc. and dated March 2006. Refer to Figure 2 for the attached Soil Boring Location Plan and the relative positions of the anomalies and associated piping.

3.0 SOIL SAMPLING ACTIVITIES

On August 1, 2 and 3, 2007 ATC was on Site with Aquifer Drilling and Testing (ADT) to perform a Phase II ESI at the Site. The Phase II ESI consisted of the advancement of 23 soil borings to facilitate the collection of 25 soil and five (5) groundwater samples from the Site. Soil borings were advanced to depths ranging from three (3) to 16 ft bgs. Refer to the attached Figure 2, Soil Boring Location Plan for locations of soil borings. Continuous soil quality field screening was performed at all boring locations. Visual and olfactory methods of screening were utilized during the field efforts to identify evidence of potential contamination. Additionally, a portable photo ionization detector (PID) was used to obtain real-time qualitative measurements of volatile organic vapors.

As requested by the NYSDEC, up to two (2) soil samples were collected from each boring; one from the deepest dry soil and the second from the interval with the highest PID reading. Due to shallow groundwater table and refusals, only one (1) sample was collected from boring SB-01, SB-03, SB-10, SB-17, SB-18, SB-22 and SB-23.

A new soil boring was advanced approximately five (5) feet out from identified contamination. This step-out process allowed horizontal and vertical delineation of contamination. Step-out soil borings were advanced for field identification of soil without sample collection at SB-02, SB-04, SB-06, SB-08, SB-11 and SB-14. Boring logs are provided in Appendix A.

Soil samples were placed in appropriate laboratory supplied containers and cooled to four (4) degrees centigrade (wet ice) during shipment to the laboratory. ATC completed all chain of custody documents prior to sample shipment. Samples were submitted to AmeriSci Boston Environmental Laboratories (AmeriSci) in Weymouth, Massachusetts (NY State ELAP ID No. 10982) and analyzed for STARS VOCs and STARS SVOCs. Soil laboratory analytical results were compared to the NYSDEC TAGM RSCOS.

4.0 FIELD SCREENING OBSERVATIONS

Historic Fill

The Site is underlain by approximately four to six feet of fill material which contained glass, ash, concrete, asphalt, wood fragments, brick, and coarse to fine sand. The presence of fill materials were most evident as observed in borings SB-13, SB-18, SB-19 and SB-20. Soils encountered below the fill material consisted of coarse to fine sands ranging in color from light to dark browns with some gravel.

MGP Impacted Soils

ATC observed visual and olfactory evidence of MGP impacted soils throughout the site. At the north portion of the Site closest to the former MGP, impacted soil was observed at SB-23, SB-22 and SB-15.

SB-23 was advanced approximately 20 feet west of the former fill port at the 12th Street doors. SB-22 was advanced approximately 20 feet west of the fill port and 5 feet south of the 12th Street doors. SB-15 was advanced approximately 20 feet west of the former fill port and 15 feet south of the 12th Street doors. Soils encountered consisted of coarse to fine sands ranging in color from black to light browns, with some gravel, clay, silt, coal and concrete. Trace amounts of brick and styrofoam were also observed. Volatile organic vapors were detected within these borings from 20 ppm to 1,300 ppm.

UST Impacted Soils

For the purpose of this report, the former USTs will be referred to as UST #1 and UST #2. Visual and olfactory evidence of petroleum impacts were observed in the soils encountered in soil borings at SB-05, SB-06, SB-07, SB-09, SB-10, SB-11, SB-13, SB-15, SB-19, SB-21, SB-22 and SB-23.

SB-01 was advanced within the south end of the location of UST #1. Groundwater was observed at 7 feet bgs. Soils encountered had a strong wet concrete odor and consisted of dark to grey brown coarse to fine sand with some gravel and uncured concrete at 4 to 8 feet bgs. Volatile organic vapors were detected within these borings from 8 ppm to 15 ppm. Refusal was encountered at 9 ft bgs. Samples were submitted for analysis from SB-01 (2'-4').

The downgradient area borings were advanced at SB-05, SB-06 and SB-07. Impacted soil was observed at SB-05, SB-06 and SB-07. Soils encountered consisted coarse to fine sands ranging in color from dark browns to light browns, with some gravel, clay and concrete. Trace amounts of brick, asphalt and rock fragments were also observed. A groundwater sample was collected from the temporary well point at SB-05. Volatile organic vapors were detected within these borings from 3 ppm to 110 ppm. Refusal was encountered at 8 ft bgs to 12 ft bgs. Samples were submitted for analysis from SB-05 (1'-3') and SB-07 (2'-4'), SB-07 (4'-6').

5.0 GROUNDWATER SAMPLING ACTIVITIES

Five (5) groundwater samples were collected as part of the groundwater investigation. ATC installed three (3) monitoring wells (MW-1, MW-2 and MW-3) to a depth of 20 feet bgs using an HSA drilling rig. To facilitate the collection of groundwater, ATC installed two (2) temporary well points and three (3) monitoring wells. Temporary well points were installed with a Geoprobe at soil borings SB-05 and SB-16 where a temporary slotted well screen was installed below groundwater. Groundwater samples were collected utilizing a peristaltic pump and dedicated high density polyethylene (HDPE) tubing. Groundwater depth ranged from 3.5 ftbgs at SB-17 to 8 ftbgs at SB-10.

MW-01, MW-02 and MW-03 were installed using a HSA drill rig to a depth of 20 feet bgs. The three (3) monitoring wells are constructed of 2-inch inside diameter schedule 40 PVC casing and 0.02-inch slotted PVC screen and riser. The HSA used to install the well had an outside diameter of eight inches. The screened interval extends from 3 to 18 feet bgs with 3 feet of riser above. The annular space of the well screen is #2 Morie sand pack to approximately two (2) feet above the screen. The remaining annular space was filled with a bentonite seal and grout to land surface and completed with a flush mounted manhole encased in neat cement.

MW-1 was installed east (hydraulically upgradient) of the former USTs approximately 15 feet south of the 12th Street doors and 25 feet east of the fuel supply lines. MW-2 was installed approximately 15 feet south of the 12th Street doors and 25 feet west of the fuel supply pipes. MW-3 was installed approximately 40 feet southwest (hydraulically downgradient) of the UST #1 near the rear wall 2-story office as shown on the attached figure.

Three (3) to five (5) well volumes of groundwater were removed from each monitoring well prior to collecting a groundwater sample utilizing a peristaltic pump and dedicated high-density polyethylene (HDPE) tubing. MW-1, MW-2 and MW-3 were sampled on August 9, 2007.

Groundwater samples were placed in appropriate containers supplied by the laboratory. ATC completed all chain of custody documents prior to sample shipment. The samples were cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. Samples were submitted to AmeriSci Boston, Inc. (AmeriSci) of Boston, Massachusetts. The following paragraphs discuss the soil and groundwater sample collections for the Site.

6.0 SOIL ANALYTICAL RESULTS

Soil samples collected from the soil borings were analyzed for TCL VOCs and TCL SVOCs. Soil sample analytical results were compared to NYSDEC TAGM RSCOs. A summary of the soil sample analytical results is provided in Tables 1 and 2. A complete copy of the analytical report is provided in Appendix D.

Volatile Organic Compounds (VOCs) in Soil
The laboratory analytical results indicate that concentrations of VOCs, specifically Benzene, were detected above NYSDEC TAGM RSCOs in the soil sample SB-09 (2'-4'), SB-17 (2'-3') and SB-20 (2'-4'). M,p-Xylene was also identified above NYSDEC TAGM RSCOs in the soil samples SB-15 (4'-6'), SB-21 (4'-6') and SB-23 (4'-5'). 1,2,4-Trimethylbenzene, Ethylbenzene, Naphthalene and o-Xylene were also identified above NYSDEC TAGM RSCOs in the soil samples SB-15 (4'-6') and SB-23 (4'-5'). 1,3,5-Trimethylbenzene, Isopropylbenzene, n-Propylbenzene, sec-Butylbenzene and Toluene were also identified above NYSDEC TAGM RSCOs in the soil sample SB-15 (4'-6'). Isopropylbenzene was identified above NYSDEC TAGM RSCOs in the soil sample SB-15 (2'-6').

Semi-Volatile Organic Compounds (VOCs) in Soil
Concentrations of SVOCs, specifically Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and Benzo(k)fluoranthene were detected above NYSDEC TAGM RSCOs in all soil samples with the exception of SB-03 (2'-4'), SB-15 (1'-2'), SB-15 (4'-6') and SB-21 (4'-6').

Chrysene was detected above NYSDEC TAGM RSCOs in all soil samples with the exception of SB-03 (2'-4'), SB-13 (2'-3'), SB-13 (4'-6'), SB-15 (1'-2'), SB-15 (4'-6') and SB-21 (4'-6'). Dibenzo(a,h)anthracene was detected above NYSDEC TAGM RSCOs in soil samples SB-19 (2'-4'), SB-19 (4'-5'), SB-20 (2'-4'). Indeno(1,2,3-cd)pyrene was detected above NYSDEC TAGM RSCOs in soil samples SB-20 (2'-4'). 2-Methyl Napthalene was detected above NYSDEC TAGM RSCOs in soil samples SB-15 (4'-6'). Naphthalene was detected above NYSDEC TAGM RSCOs in soil samples SB-15 (4'-6') and SB-23 (4'-5'). Pyrene was detected above NYSDEC TAGM RSCOs in soil samples SB-20 (2'-4'). A summary of the analytical results for TCL SVOC analysis is presented in Table 2.

Fingerprint Analysis of Soil
ATC collected one sample for fingerprint analysis at SB-15 (11'). The sample was analyzed by EPA 8100 Method for total petroleum hydrocarbons. Analytical results did not indicate the presence of fuel oil #2, fuel oil #4, fuel oil #6, diesel fuel, JP-4 (aviation fuel), kerosene or gasoline. The results did indicate the presence of petroleum contamination in the sample.

7.0 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples collected from SB-5, SB-16, MW-1, MW-2 and MW-3 were analyzed for STARS VOCs and STARS SVOCs. Groundwater sample analytical results were compared to NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values. A summary of the groundwater sample analytical results is provided in Tables 5 and 6 and a complete copy of the analytical report is provided in Appendix C.

Volatile Organic Compounds (VOCs) in Groundwater
Concentrations of VOCs, specifically 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Ethyl Benzene, Isopropylbenzene, m/p-Xylenes, Naphthalene and o-Xylene, were detected above the NYSDEC TOGS guidance values in groundwater samples collected from SB-05, MW-02 and MW-03. Benzene was detected above the NYSDEC TOGS guidance values in all of the groundwater samples collected (SB-05, SB-16, MW-1, MW-02 and MW-03). Methyl tert-butyl Ether (MTBE) was detected above the NYSDEC TOGS guidance values in groundwater samples collected from MW-02. N-

propylbenzene was detected above the NYSDEC TOGS guidance values in groundwater samples collected from MW-02 and MW-03. P-Isopropyltoluene was detected above the NYSDEC TOGS guidance values in groundwater samples collected from MW-03. Sec-Butylbenzene was detected above the NYSDEC TOGS guidance values in groundwater samples collected from MW-2 and MW-3. Toluene was detected above the NYSDEC TOGS guidance values in groundwater samples collected from SB-05 and MW-2. A summary of the TCL VOC results is presented in Table 5.

Semi-Volatile Organic Compounds (SVOCs) in Groundwater

The laboratory analytical results indicate concentrations of SVOCs, specifically Naphthalene, was detected above NYSDEC TOGS guidance values in groundwater sample collected from SB-05/TWP-01, MW-2 and MW-3.

No SVOCs were detected above their laboratory method detection limits (MDL) in SB-16. 2-Methylnaphthalene was detected at SB-05, MW-02 and MW-03. Acenaphthene was detected at concentrations just below NYSDEC TOGS guidance values at MW-02. Fluorene and phenanthrene were detected at concentrations below NYSDEC TOGS guidance values at MW-02. A summary of the analytical results for TCL SVOC analysis is presented in Table 6.

8.0 CONCLUSIONS

Results of the Phase II ESI revealed that, with the exception of the former UST area, the Site is underlain by fill materials containing coal, ash, brick, concrete, glass and wood intermixed with black stained coarse to fine sands. Black staining and petroleum odors were most evident at depths ranging from 4 to 12 feet bgs.

The soil analytical results indicate concentrations of VOCs above the laboratory minimum detection limit (MDL) for all but five samples collected and SVOCs above laboratory MDL for all but one sample collected. The presence of VOCs at downgradient boring SB-09 indicates a potential that on-site USTs have contributed to impact of soil. The results of the fingerprint sample also indicated the presence of petroleum contamination. The presence of VOCs at upgradient and crossgradient borings indicates a site-wide petroleum impact. The presence of BTEX compounds in groundwater samples collected by ATC is consistent with the presence of BTEX compounds reported by the NYSDEC at the former MGP site. The presence of BTEX compounds in groundwater at the Site indicates probable impact of the Site by the former MGP site. The presence of MTBE in groundwater indicates a potential that on-site USTs have contributed to impact of groundwater. The presence of SVOCs indicates that fill material likely contributed to impact of soil.

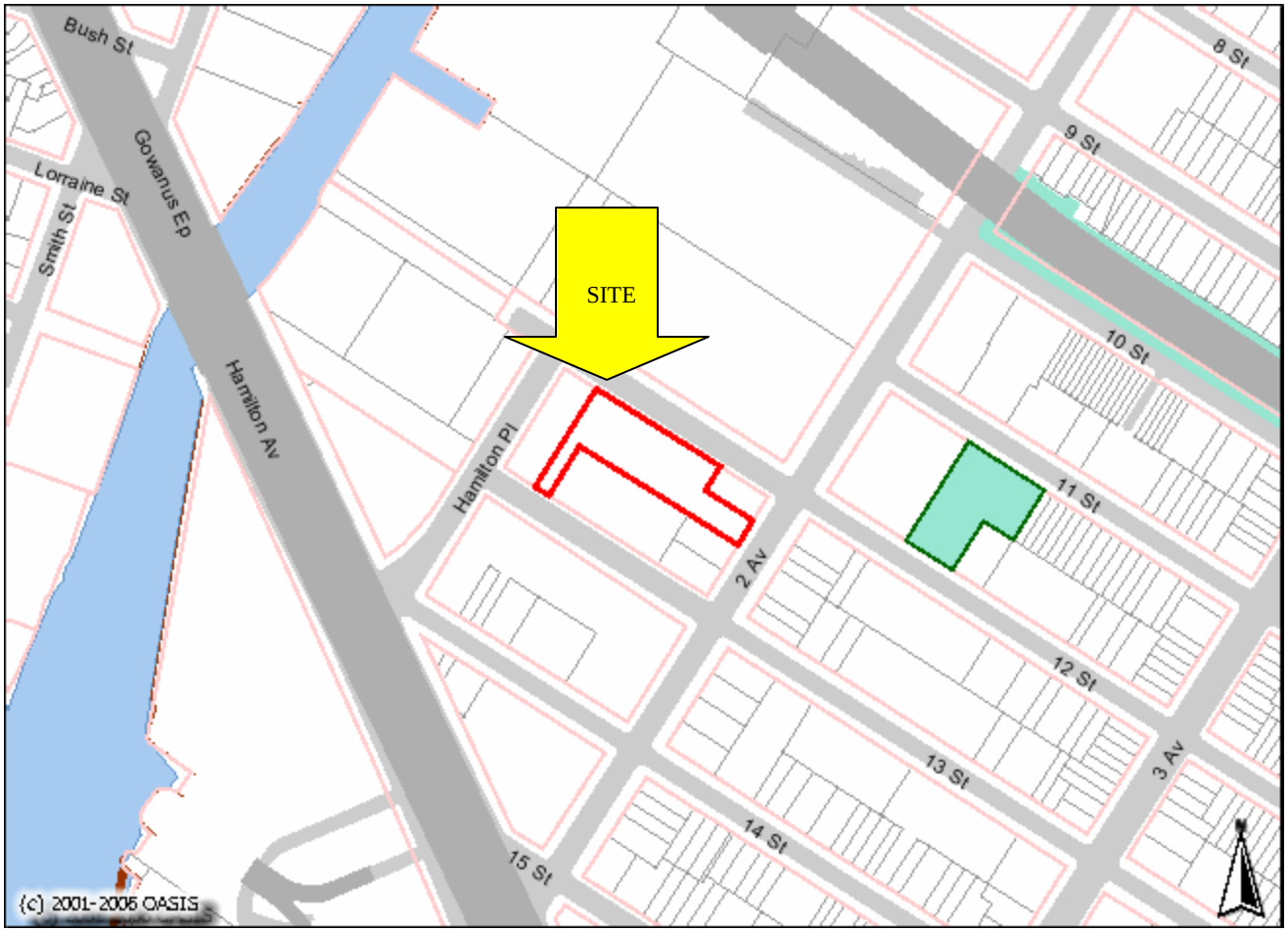
ATC concludes that historic fill material, historic use of the surrounding area (MGP property) and the on-site USTs have likely contributed to the impact of soil and groundwater at the Site.

9.0 RECOMENDATIONS

Following the submittal of this report to the NYSDEC, additional delineation and remedial actions may be warranted including but not limited to the following:

- Review of the case file data from NYSDEC regarding MGP monitoring wells and groundwater impact;
- Further delineate VOCs in soil at Site;
- Based on conclusions after review of the case file, further delineation of VOCs and additional groundwater monitoring and/or remediation of Site soil may be required.

FIGURES



SITE LOCATION PLAN

VATC ASSOCIATES INC.

104 East 25th Street, 8th Floor
New York, NY 10010-2917
Phone (212) 353-8280 * Fax (212) 979-8447

LEGEND:

Site Boundary

SOURCE:

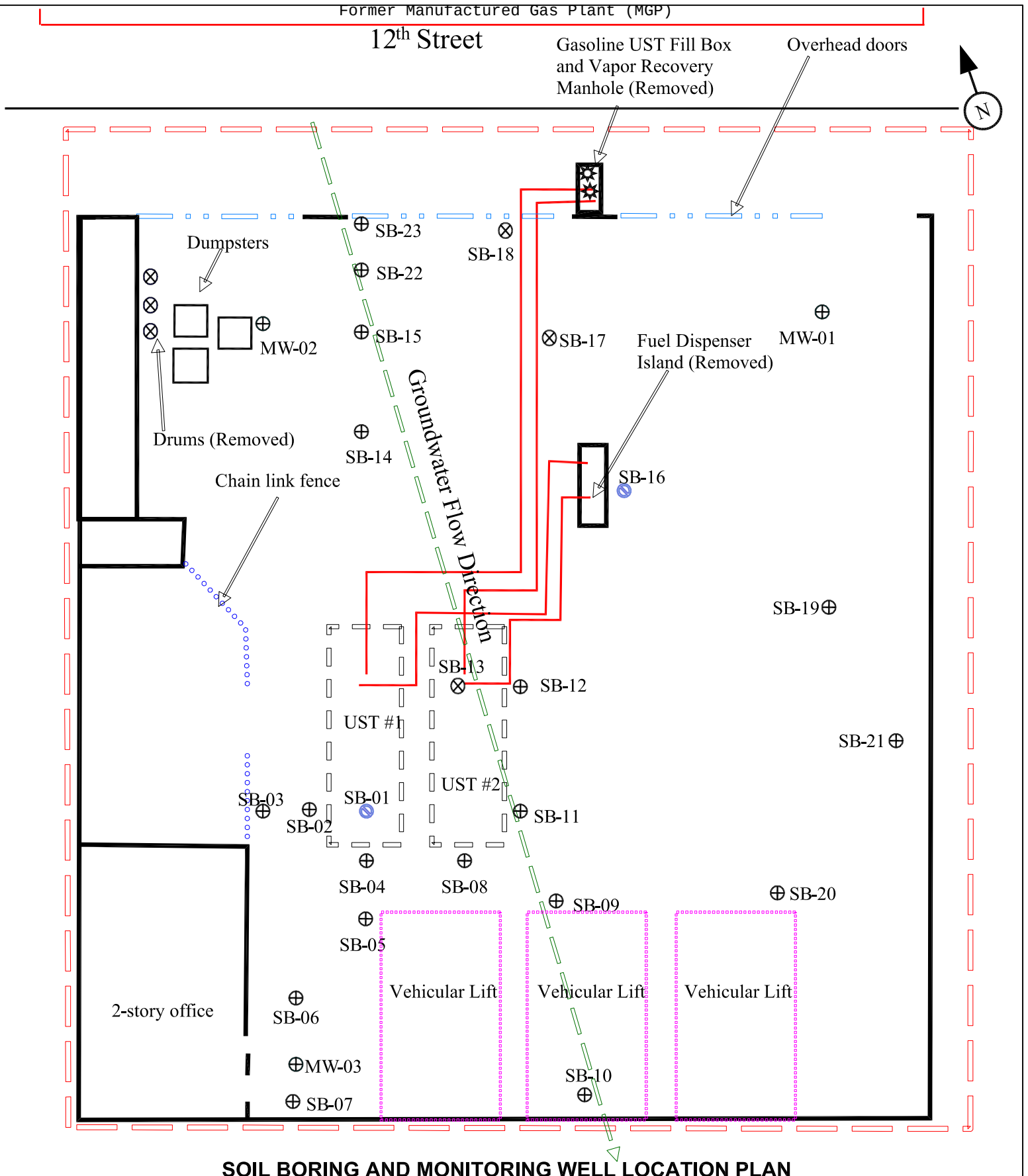
www.oasisnyc.com

N

Client: New York City Department of Education

Address: 60 12th Street
Brooklyn, New York 11215

Scale: Not to scale



SOIL BORING AND MONITORING WELL LOCATION PLAN

Client:	NEW YORK CITY DEPARTMENT OF EDUCATION
Site Address:	60 12TH STREET BROOKLYN, NY 11215

VATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
104 E. 25th Street, 10th Floor • New York, NY 10010-2917
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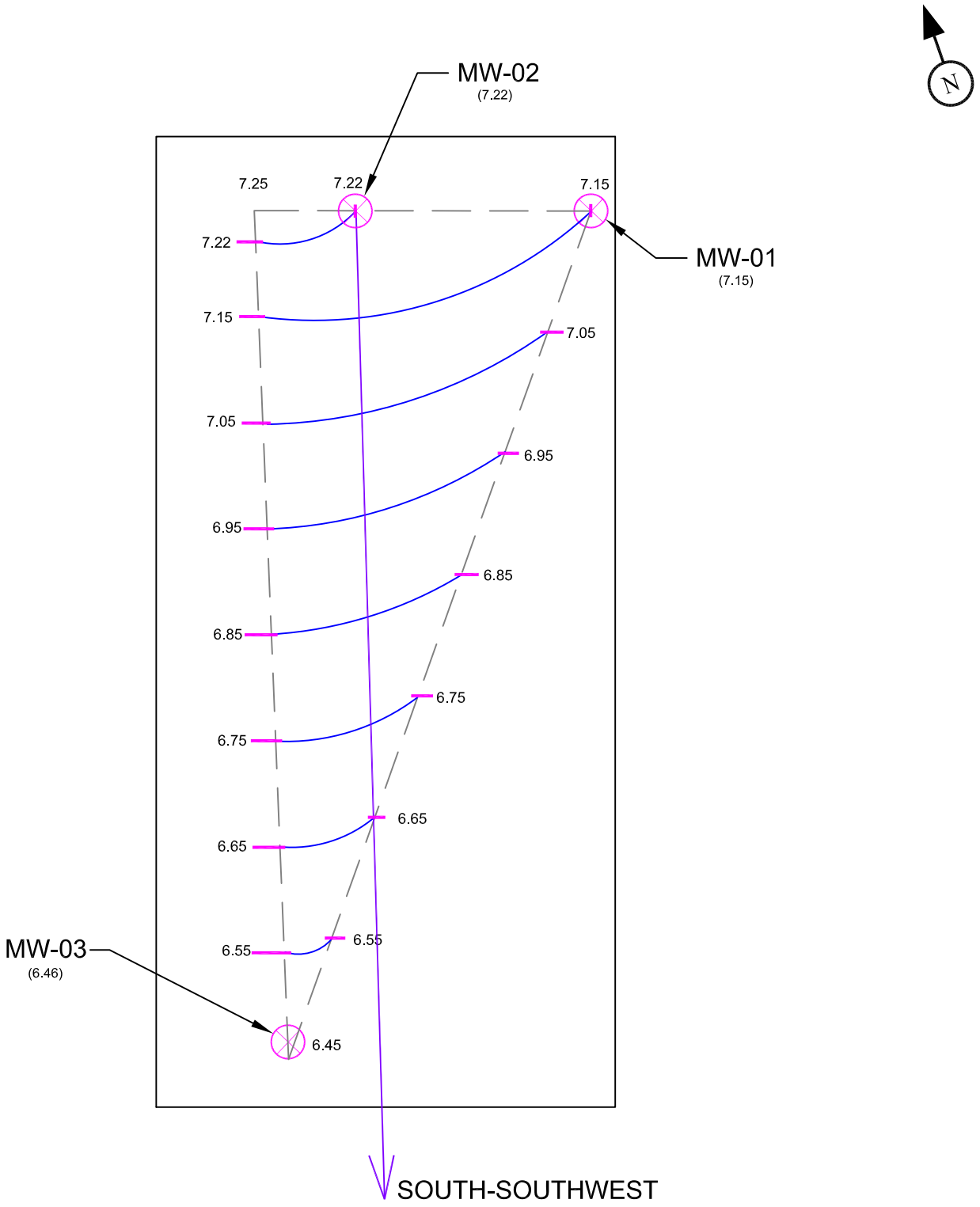
Project Number: 015.19125.0736	Scale: 1"=4'	Date: 11.05.07



GROUND WATER CONTOUR PLAN

Client: NEW YORK CITY DEPARTMENT OF EDUCATION			
Site Address: 60 12TH STREET BROOKLYN, NY 11215			
Project Number: 015.19125.0736	Scale: NTS	Date: 09.04.07	

ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND MATERIALS PROFESSIONALS
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TABLES

TABLE 1
SUMMARY OF STARS VOCs IN SOIL
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK 11215

Sample ID	Technical Administrative Guidance Memorandum (TAGM) HWR 94-40-46 Recommended Soil Cleanup Objective (RSCO) mg/kg	SB-01	SB-03	SB-05	SB-07	SB-07	SB-09	SB-09	SB-10	SB-12	SB-13	SB-13	SB-15	SB-15
Lab Sample ID		001	005	009	013	015	001	003	005	011	013	015	017	019
Sample Date		8/1/2007	8/1/2007	8/1/2007	8/1/2007	8/1/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007
Sample Interval (ft)		2'-4'	2'-4'	1'-3'	2'-4'	4'-6'	2'-4'	4'-6'	2'-4'	2'-3'	2'-3'	4'-6'	1'-2'	4'-6'
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Unit		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOC														
1,2,4-Trimethylbenzene	10	**0.16**	ND	**0.044**	**0.054**	**0.16**	**0.19**	ND	**0.12**	**0.14**	**0.72**	**0.43**	ND	**383**
1,3,5-Trimethylbenzene	3.3	ND	ND	ND	ND	ND	ND	ND	**0.029**	ND	**0.12**	**0.047**	ND	**15**
Benzene	0.06	ND	ND	ND	ND	ND	**0.074**	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.5	ND	ND	ND	ND	ND	0.13	ND	**0.06**	ND	**0.19**	**0.068**	ND	**302**
Isopropylbenzene	2.3	ND	ND	ND	**0.11**	**0.088**	**0.035**	ND	**0.066**	ND	**0.058**	ND	ND	**11**
m,p-Xylene	1.2	**0.06**	ND	**0.074**	ND	**0.064**	**0.22**	ND	ND	**0.06**	**0.35**	**0.18**	ND	**569**
Methyl Tert Butyl Ether	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	13	**0.18**	ND	**0.17**	**0.44**	**0.48**	**0.55**	ND	**1.6**	**0.54**	**0.92**	**0.34**	ND	**1890**
n-Butylbenzene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND	ND	ND
n-Propylbenzene	3.7	**0.044**	ND	ND	ND	**0.039**	**0.093**	ND	ND	**0.046**	**0.2**	**0.14**	ND	**128**
o-Xylene	1.2	**0.042**	ND	ND	**0.045**	**0.05**	**0.073**	ND	ND	**0.082**	**0.18**	**0.11**	ND	**245**
p-isopropyltoluene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	10	**0.047**	ND	**0.07**	**0.13**	**0.044**	**0.039**	ND	**0.047**	**0.032**	**0.09**	**0.039**	ND	**578**
tert-Butylbenzene	10	ND	ND	ND	**0.027**	**0.081**	ND	ND	ND	**0.14**	ND	ND	ND	ND
Toluene	1.5	ND	ND	**0.036**	ND	ND	**0.1**	**0.042**	ND	**0.031**	**0.18**	**0.081**	ND	**133**

NOTE:
mg/kg - milligram per kilogram
Bold - Concentration above Method Detection Limit
ND - Not Detected
Shading - Detected concentration exceeds TAGM RSCO

TABLE 1
SUMMARY OF STARS VOCs IN SOIL
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK 11215

Sample ID	Technical Administrative Guidance Memorandum (TAGM) HWR 94-40-46 Recommended Soil Cleanup Objective (RSCO) mg/kg	SB-16	SB-16	SB-17	SB-18	SB-19	SB-19	SB-20	SB-20	SB-21	SB-21	SB-22	SB-23
Lab Sample ID		021	023	001	003	005	007	009	011	013	015	017	019
Sample Date		8/2/2007	8/2/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007
Sample Interval (ft)		1'-2'	3'-4'	2'-3'	2'-3'	2'-4'	4'-5'	2'-4'	4'-5'	2'-4'	4'-6'	3'-4'	4'-5'
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Unit		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
VOC													
1,2,4-Trimethylbenzene	10	ND	0.038	0.11	ND	0.06	ND	0.066	0.083	0.056	1.9	ND	13
1,3,5-Trimethylbenzene	3.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	0.83
Benzene	0.06	ND	ND	0.13	ND	ND	ND	0.071	0.043	ND	ND	ND	ND
Ethylbenzene	5.5	ND	ND	0.14	ND	ND	ND	0.052	0.051	ND	0.27	ND	5.6
Isopropylbenzene	2.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
m,p-Xylene	1.2	ND	0.079	0.19	ND	0.067	ND	0.1	0.14	0.093	1.3	ND	2.1
Methyl Tert Butyl Ether	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	13	ND	ND	0.35	ND	0.26	ND	0.078	0.096	ND	3.3	ND	75
n-Butylbenzene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.7	ND	ND	0.043	ND	ND	ND	0.032	0.035	0.033	0.69	ND	1.2
o-Xylene	1.2	ND	ND	0.062	ND	ND	ND	0.039	0.046	0.044	0.85	ND	2.6
p-Isopropyltoluene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	ND	2.2
tert-Butylbenzene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1.5	ND	0.041	0.21	ND	ND	ND	0.05	0.059	0.033	0.37	ND	ND

NOTE:
mg/kg - milligram per kilogram
Bold - Concentration above Method Detection Limit
ND - Not Detected
Shading - Detected concentration exceeds TAGM RSCO

TABLE 2
SUMMARY OF STARS SVOCs IN SOIL
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK 11215

Sample ID	Technical Administrative Guidance Memorandum (TAGM) HWR 94-40-46 Recommended Soil Cleanup Objective (RSCO) mg/kg	SB-01	SB-03	SB-05	SB-07	SB-07	SB-09	SB-09	SB-10	SB-12	SB-13	SB-13	SB-15	SB-15	SB-16
Lab Sample ID		002	006	010	014	016	002	004	006	012	014	016	018	020	022
Sample Date		8/1/2007	8/1/2007	8/1/2007	8/1/2007	8/1/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007	8/2/2007
Sample Interval (ft)		2'-4'	2'-4'	1'-3'	2'-4'	4'-6'	2'-4'	4'-6'	2'-4'	2'-3'	2'-3'	4'-6'	1'-2'	4'-6'	1'-2'
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Unit		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SVOC															
Acenaphthene	50	**0.21**	ND	ND	**0.23**	**0.87**	ND	**0.3**	**0.93**	**0.24**	ND	ND	ND	ND	**0.2**
Anthracene	50	**0.32**	ND	**0.5**	**0.33**	**1.2**	**0.29**	**0.82**	**0.68**	**0.35**	ND	ND	ND	ND	**0.45**
Benzo(a)anthracene	0.224	**0.65**	ND	**1.8**	**1.1**	**4.6**	**0.64**	**2.1**	**1.4**	**1.2**	**0.31**	**0.29**	ND	ND	**1.2**
Benzo(a)pyrene	0.061	**0.59**	ND	**1.7**	**0.96**	**4.7**	**0.52**	**2**	**1.3**	**1.1**	**0.3**	**0.25**	ND	ND	**1.3**
Benzo(b)fluoranthene	0.22	**0.71**	ND	**1.6**	**1**	**3.9**	**0.71**	**1.9**	**1.5**	**1.2**	**0.37**	**0.32**	ND	ND	**1.4**
Benzo(g,h,i)perylene	50	**0.2**	ND	**0.55**	**0.32**	**1.7**	**0.24**	**0.78**	**0.7**	**0.6**	ND	ND	ND	ND	**0.57**
Benzo(k)fluoranthene	0.22	**0.71**	ND	**1.5**	**0.92**	**3.8**	**0.58**	**2.2**	**1.5**	**1.3**	**0.4**	**0.37**	ND	ND	**1.5**
Chrysene	0.4	**0.71**	ND	**1.8**	**1.1**	**5.1**	**0.67**	**2.2**	**1.4**	**1.4**	**0.35**	**0.32**	ND	ND	**1.4**
Dibenzo(a,h)anthracene	0.014	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	**1.3**	**0.2**	**2**	**1.6**	**2.5**	**1.1**	**4.8**	**1.8**	**1.3**	**0.76**	**0.68**	ND	ND	**1.7**
Fluorene	50	**0.3**	ND	**0.21**	**0.27**	**1.1**	ND	**0.37**	**0.84**	**0.32**	ND	ND	ND	ND	**0.21**
Indeno(1,2,3-cd)pyrene	3.2	ND	ND	ND	ND	**0.33**	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl Napthalene	36.4	**1.1**	ND	ND	**0.5**	**0.8**	ND	ND	**2.3**	**1.6**	**0.54**	**0.99**	ND	**310**	**0.76**
Naphthalene	13	**0.21**	ND	**0.61**	**0.9**	**3.2**	ND	**0.22**	**12**	**2.6**	**0.42**	**1.4**	**0.38**	**1600**	**4.2**
Phenanthrene	50	**1.4**	ND	**1.60**	**1.40**	**3.4**	**1.5**	**2.6**	**2.4**	**1.2**	**0.74**	**0.74**	ND	ND	**1.4**
Pyrene	50	**2.8**	**0.41**	**3.8**	**2.6**	**11**	**2.1**	**5.9**	**5.4**	**3.9**	**1.4**	**1.7**	ND	ND	**4**

NOTE:
mg/kg - milligram per kilogram
ND- Not Detected
Bold - Concentration above Method Detection Limit
Shading - Detected concentration exceeds TAGM RSCO

TABLE 2
SUMMARY OF STARS SVOCs IN SOIL
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK 11215

Sample ID	Technical Administrative Guidance Memorandum (TAGM) HWR 94-40-46 Recommended Soil Cleanup Objective (RSCO) mg/kg	SB-16	SB-17	SB-18	SB-19	SB-19	SB-20	SB-20	SB-21	SB-21	SB-22	SB-23
Lab Sample ID		024	002	004	006	008	010	012	014	016	018	020
Sample Date		8/2/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007	8/3/2007
Sample Interval (ft)		3'-4'	2'-3'	2'-3'	2'-4'	4'-5'	2'-4'	4'-5'	2'-4'	4'-6'	3'-4'	4'-5'
Matrix		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Unit		mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
SVOC												
Acenaphthene	50	**0.49**	ND	ND	**0.7**	**0.75**	**1.5**	ND	ND	ND	**0.5**	**0.97**
Anthracene	50	**1.2**	**0.31**	**0.37**	**0.99**	**1.2**	**6.6**	**0.25**	ND	**0.35**	**0.43**	**0.49**
Benzo(a)anthracene	0.224	**2.7**	**1.1**	**0.63**	**2.8**	**2.3**	**27**	**0.81**	ND	**0.69**	**1.6**	**0.68**
Benzo(a)pyrene	0.061	**2.6**	**1.2**	**0.66**	**2.7**	**2.5**	**26**	**0.78**	ND	**0.62**	**1.8**	**0.64**
Benzo(b)fluoranthene	0.22	**3.4**	**1**	**0.73**	**2.5**	**1.9**	**24**	**0.89**	ND	**0.74**	**1.9**	**0.8**
Benzo(g,h,i)perylene	50	**1.3**	**0.43**	**0.2**	**0.82**	**1.4**	**10**	**0.37**	ND	**0.49**	**0.78**	**0.32**
Benzo(k)fluoranthene	0.22	**2.8**	**0.96**	**0.69**	**2.5**	**2**	**21**	**0.9**	ND	**0.62**	**1.6**	**0.77**
Chrysene	0.4	**3.2**	**1.2**	**0.68**	**3.1**	**2.4**	**27**	**1**	ND	**1**	**1.8**	**0.74**
Dibenzo(a,h)anthracene	0.014	ND	ND	ND	**0.29**	**0.25**	**2.6**	ND	ND	ND	ND	ND
Fluoranthene	50	**7**	**1.5**	**1.2**	**6.2**	**6.2**	**48**	**2**	ND	**0.95**	**2**	**1.2**
Fluorene	50	**0.59**	ND	**0.22**	**0.62**	**0.68**	**1.5**	ND	ND	ND	**0.53**	**0.98**
Indeno(1,2,3-cd)pyrene	3.2	ND	ND	ND	**0.19**	**0.22**	**8**	ND	ND	ND	ND	ND
2-Methyl Napthalene	36.4	**0.86**	**0.24**	**0.24**	**0.55**	ND	0.55	ND	ND	**0.54**	**0.35**	**12**
Naphthalene	13	**2.6**	**1**	**0.47**	**4**	**0.33**	**1.4**	ND	ND	**0.34**	**0.64**	**49**
Phenanthrene	50	**2.4**	**0.97**	**1.1**	**4.6**	**5.6**	**23**	**1**	ND	**1.3**	**1.8**	**1.9**
Pyrene	50	**12**	**2.6**	**1.5**	**6.6**	**6.6**	**57**	**2.2**	ND	**2.1**	**3.7**	**2.3**

NOTE:
mg/kg - milligram per kilogram
ND- Not Detected
Bold - Concentration above Method Detection Limit
Shading - Detected concentration exceeds TAGM RSCO

TABLE 3
SUMMARY OF STARS VOCS IN GROUNDWATER
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK

Sample ID	Technical and Operational Guidance Series 1.1.1 (TOGS) Ambient Water Quality Standards and Guidance Values (ug/L)	SB-05	SB-16	MW-01	MW-02	MW-03
Lab ID		019	026	001	003	005
Sample Date		8/1/2007	8/2/2007	8/9/2007	8/9/2007	8/9/2007
Matrix		Water	Water	Water	Water	Water
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,2,4-Trimethylbenzene	5	**10**	ND	**2.32**	**313**	**81.0**
1,3,5-Trimethylbenzene	5	**8.1**	ND	ND	**43.5**	**7.44**
Benzene	0.7	**250**	**1.7**	**11.8**	**244**	**19.3**
Ethyl Benzene	5	**49**	ND	**1.31**	**405**	**55.7**
Isopropylbenzene	5	**27**	ND	**1.04**	**159**	**20.6**
m/p-Xylenes	5	**44**	ND	**2.02**	**302**	**34.2**
Methyl tert-butyl Ether	10	**3.0**	**1.5**	ND	**10.6**	**9.39**
Naphthalene	10	**180**	ND	**4.97**	**6530**	**165**
n-Butylbenzene	5	ND	ND	ND	ND	ND
n-propylbenzene	5	**1.6**	ND	ND	**78.2**	**25.4**
o-Xylene	5	**12**	ND	ND	**173**	**20.1**
p-Isopropyltoluene	5	ND	ND	ND	ND	**5.74**
sec-Butylbenzene	5	**2.6**	ND	ND	**81.7**	**5.62**
tert-Butylbenzene	5	ND	ND	ND	ND	ND
Toluene	5	**8.9**	ND	ND	**50.5**	**2.62**

NOTE:
ug/l- micrograms per liter
U - Analyte not detected at method detection level
ND - Not Detected
Bold - Concentration above Method Detection Limit
Shaded - Detected concentration exceeds TOGS

TABLE 4
SUMMARY OF STARS SVOCS IN GROUNDWATER
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK

Sample ID	Technical and Operational Guidance Series 1.1.1 (TOGS) Ambient Water Quality Standards and Guidance Values (ug/L)	SB-05	SB-16	MW-01	MW-02	MW-03
Lab ID		020	027	002	004	006
Sample Date		8/1/2007	8/2/2007	8/9/2007	8/9/2007	8/9/2007
Matrix		Water	Water	Water	Water	Water
Unit		ug/L	ug/L	ug/L	ug/L	ug/L
SVOCs						
2-Methylnaphthalene	NS	**16**	ND	ND	**264**	**18.8**
Acenaphthene	20	ND	ND	ND	**19.1**	ND
Acenaphthylene	NS	ND	ND	ND	ND	ND
Anthracene	50	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NS	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	NS	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND
Fluorene	50	ND	ND	ND	**10.6**	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND
Naphthalene	10	**240**	ND	**8.09**	**3460**	**182**
Phenanthrene	50	ND	ND	ND	**8.61**	ND
Pyrene	50	ND	ND	ND	ND	ND

NOTE:
ug/l- micrograms per liter
NS - No Standard
ND - Not Detected
Bold - Concentration above Method Detection Limit
Shaded - Detected concentration exceeds TOGS

TABLE 5
WELL SURVEY DETAILS
NEW YORK CITY DEPARTMENT OF EDUCATION
60 12TH STREET
BROOKLYN, NEW YORK

WELL	**DEPTH TO WATER (FEET)**	**DEPTH TO BOTTOM (FEET)**	**DEGREES**	**FIRST ELEVATION (FEET)**	**SECOND ELEVATION (FEET)**	**THIRD ELEVATION (FEET)**	**AVERAGE**	**REFERENCE VALUE**	**GROUNDWATER ELEVATION**
MW-1	2.850	15.975	220	6.350	6.345	6.345			
MW-1				6.150	6.160	6.150			
MW-1				5.960	5.960	5.960			
AVERAGE				*6.153*	*6.155*	*6.152*	*6.15*	10	**7.15**
MW-2	3.530	17.320	134	5.590	5.600	5.650			
MW-2				5.395	5.400	5.390			
MW-2				5.195	5.200	5.190			
AVERAGE				*5.393*	*5.400*	*5.410*	*5.40*	10.75	**7.22**
MW-3	4.595	18.300	32	5.370	5.370	5.365			
MW-3				5.100	5.100	5.100			
MW-3				4.840	4.835	4.840			
AVERAGE				*5.103*	*5.102*	*5.102*	*5.10*	11.05	**6.46**

APPENDICES

APPENDIX A:
SOIL BORING LOGS

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-01
	Project Number: 19125-0736 Task Number: 0002	Boring location: South end of former UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 7 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	15.0	Concrete 4" Dark brown course to fine Sand with some gravel - Dry Concrete odor
4	SB-01 (2'-4')	2.0	8.0	concrete cave-in 3" Grey brown coarse, medium, fine Sand with some gravel - Wet Very strong concrete odor
8		1.0	28.0	Grey brown course to fine Sand with some gravel - Wet Very strong concrete odor **Refusal at 9 ftbgs.**
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-02
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 5 feet west of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	25.0	Concrete 4" Dark brown course to fine Sand with some gravel - Dry Concrete odor
4		1.0	8.0	Concrete cave-in 3" Grey, brown course, medium, fine Sand with some gravel - Wet Concrete odor **Refusal at 6 ftbgs.**
8				
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-03
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 10 feet West of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	9.0	Concrete 4" Dark brown medium to fine Sand with some gravel - Dry Concrete odor
4	SB-03 (2'-4')	2.0	8.0	Concrete cave-in 3" Grey, brown course to fine Sand with some gravel - Wet Black stained coarse Sand with some gravel Strong concrete odor
8		1.0	6.0	Black course Sand with some gravel – Wet Strong concrete odor **Refusal at 9 ftbgs.**
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-04
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 5 feet south of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW not observed.	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	24.0	Concrete 4" Light brown to medium brown course to fine Sand with some gravel - Dry **End of boring at 3 ftbgs.**
4				
8				
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-05
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 10 feet south of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.0	25.0	Concrete 4" Dark brown course to fine Sand with some gravel - Dry
4	SB-05 (1'-3')	2.5	3.0	Concrete, dark brown coarse to fine Sand, brick – Dry Concrete cave-in 3" Dark brown course to fine Sand - Wet Grey, brown course to fine Sand and clay with some gravel - Wet Petroleum odor
8		2.5	3.0	Grey, brown course to fine Sand with some gravel – Wet Black stained course to fine Sand with some gravel - Wet Petroleum odor
12	SB-05 (12')			Groundwater sample collected. **End of boring at 12 ftbgs.**

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-06
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 30 feet south of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 4.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.5	50.0	Concrete 4" Light to medium brown medium to fine Sand with some gravel - Dry Aphalt, brick and gravel 3" Dark brown/black stained medium to fine Sand with some gravel Slight petroleum odor
4		4.0	20.0	Concrete cave-in 1" Grey brown – black Clay with some medium to fine sand Petroleum odor.
8				
12				**Refusal at 8 ftbgs.**

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-07
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 40 feet south of UST #1
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.0	65.0	Concrete 12" Light brown coarse to fine Sand with trace brick - Dry Dark brown/black stained Clay with some medium to fine sand
4	SB-07 (2'-4')	3.0	60.0	Concrete cave-in Light brown coarse sand with gravel and trace brick - Dry Schist 2" Dark brown-black stained Clay with medium to fine sand - Wet
	SB-07 (4'-6')			
8		3.0	110	Grey-black stained Sand with clay - Wet Grey-black stained Clay with medium to fine sand - Wet **Refusal at 11.5 ftbgs.**
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-08
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 5 feet south of UST #2
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/1/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	22.0	Concrete 6" Light brown coarse Sand with gravel - Dry Dark brown Sand with some gravel Concrete chunks Asphalt 2"
4		2.0	18.0	Coarse dark brown sand with gravel - Dry Dark brown/black stained sand with some gravel - Wet
8		0.5	15.0	Coarse sand with gravel **Refusal at 8.5 ftbgs.**
12				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-09
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 10 feet southeast of UST #2
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.0	30.0	Concrete 4" Grey-brown coarse to fine Sand - Dry Black stained coarse Sand with gravel - Dry Concrete 4" - Dry Black stained coarse Sand with gravel - Dry
4	SB-09 (2'-4')	3.5	11.0	Black stained coarse to medium Sand with gravel - Dry Dark brown coarse to medium Sand with gravel and some clay, petroleum odor - Wet Black stained medium to fine Sand - Wet
	SB-09 (4'-6')			
8		3.5	8.0	Dark brown medium to fine Sand - Wet Dark brown Clay with medium to fine sand- Wet Dark brown medium to fine Sand - Wet Dark brown Silt with fine sand - Wet
12				**End of boring at 12 ftbgs.**

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-10
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 40 feet southeast of UST #2
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 8 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.0	30.0	Concrete 5" Light-brown medium to fine Sand – Dry with petroleum odor Dark brown coarse to fine Sand with trace of wood and coal - Dry
4	SB-10 (2'-4')	0.0	NA	Void, no recovery, rod dropped.
8		0.0	NA	Void, no recovery, water.
12		4.0	11.0	Black stained medium to fine Sand Visible staining ends at 15' bgs Light brown coarse to fine Sand – Wet
16				**End of boring at 16 ftbgs.**

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-11
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 10 feet east of UST #2
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.5	70.0	Concrete 5" Brown coarse to fine Sand – Dry Black stained coarse to medium Sand, odor - Dry Concrete - Dry Black stained coarse to medium Sand with some clay - Dry
4		1.0	25.0	Black stained coarse to medium Sand, odor Concrete Black stained coarse Sand - Wet
8		3.5	13.0	Black stained medium to fine Sand with clay Visible contamination appears to end at 11.5 bgs Brown medium to fine Sand with silt.
12				**End of boring at 12 ftbgs.**
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-12
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 10 feet east of UST #2, north end
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW not observed.	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		3.0	65.0	Concrete 5" Dark brown coarse to medium Sand with gravel – Dry Black stained coarse Sand with gravel - Dry **Refusal at 3 ftbgs.**
4				
8				
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-13
	Project Number: 19125-0736 Task Number: 0002	Boring location: North end of UST #2
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0				Concrete 6"
				Dark brown coarse to medium Sand with gravel – Dry
				Concrete
	SB-13 (2'-3')	3.0	160.0	Brown medium to fine Sand
4	SB-13 (4'-6')			Dark brown coarse to medium Sand – Dry
				Black stained medium to fine Sand with brick - Dry
		2.5	30	Dark brown coarse to medium Sand - Wet
				Refusal at 8 ftbgs.
8				
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-14
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 20 feet west of the former fill port and 20 feet south of the 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW not observed.	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		0.5	20.0	Concrete 2" Dark brown coarse to fine Sand with some styrofoam – Dry Insufficient recovery for sampling. **Refusal at 2 ftbgs.**
4				
8				
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-15
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 20 feet west of the former fill port and 15 feet south of the 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-15 (1'-2')	3.0	20.0	Concrete 5" Light brown coarse to medium Sand – Dry
4	SB-15 (4'-6')	2.5	1300	Light brown coarse to medium Sand - Dry Dark brown/black stained coarse to medium Sand with gravel, petroleum odor - Dry Dark brown/black stained coarse to medium Sand with coarse coal - Wet
8	SB-15 (11')	3.0	15	Cave-in Black stained coarse to medium Sand - Wet Dark brown-black stained coarse Sand with gravel and coarse coal - Wet Fingerprint sample SB-15 collected at 11' bgs. End of visible contamination at 11.5' bgs. **End of boring at 12 ftbgs.**
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-16
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 3 feet east of former fuel dispenser island.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 4.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/2/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-16 (1'-2')	3.0	25.0	Concrete 5" Light brown coarse Sand with gravel – Dry Dark brown coarse Sand with gravel - Dry
4	SB-16 (3'-4')	3.0	8.0	Dark brown coarse to medium Sand with gravel - Dry Concrete 3" Dark brown coarse to fine Sand with gravel - Wet
8		4.0	NA	Dark brown-black stained medium to fine Sand - Wet Groundwater sample SB-16 collected from temporary well point. **End of boring at 12 ftbgs.**
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-17
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 3 feet east of fuel lines and 15 feet south of 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 3.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	17.0	Concrete 4" Dark brown coarse Sand with gravel – Dry Concrete 3" - Dry Black stained coarse to medium Sand with gravel - Dry
	SB-17 (2'-3')			
4		1.0	22.0	Dark brown coarse Sand with gravel – Wet
8		2.5	NA	Dark brown coarse Sand with gravel – Wet Visible staining ends at 11' bgs
12				**End of boring at 12 ftbgs.**
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-18
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 3 feet west of fuel lines and 5 feet south of 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 3.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		2.0	25.0	Concrete 4" Dark brown coarse to fine Sand with some gravel and some silt – Dry Brick and concrete 2" - Dry Dark brown medium to fine Sand with some silt and gravel - Dry
	SB-18 (2'-3')			
4		3.0	20.0	Cave-in Dark brown coarse Sand – Wet
8		2.5	18	Dark brown coarse Sand – Wet Visible staining ends at 11' bgs **End of boring at 12 ftbgs.**
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-19
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 25 feet east of east former UST and 35 feet south of 12th street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 5.5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-19 (2'-4')	2.5	25.0	Concrete 5" Light brown coarse to medium Sand with some gravel – Dry Dark brown medium to fine Sand with some clay and trace wood, brick, glass
4	SB-19 (4'-5')	2.5	135.0	Cave-in Dark brown coarse to fine Sand with some clay - Dry Dark brown medium to fine Sand with some clay - Wet
8		4.0	NA	Clay with some sand and silt – Wet Silt with some fine sand and clay - Wet
12				**End of boring at 12 ftbgs.**
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-20
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 25 feet east of east former UST and 65 feet south of 12th street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 5 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-20 (2'-4')	4.0	28.0	Concrete 5" Light brown medium to fine Sand with some brick and gravel – Dry Dark brown coarse to medium Sand with some brick, glass, gravel - Dry Black stained sand - Dry
4	SB-20 (4'-5')	2.0	24.0	Cave-in Black stained coarse to medium Sand - Dry Black stained medium to fine Sand with some clay - Wet
8		3.0	NA	Visible staining ends at 10.5' bgs **End of boring at 12 ftbgs.**
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-21
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 40 feet east of east former UST and 50 feet south of 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-21 (2'-4')	4.0	27.0	Concrete 5" Light brown coarse to fine Sand – Dry Dark brown coarse to medium Sand
4	SB-21 (4'-6')	3.0	50.0	Dark brown coarse Sand with gravel, odor - Dry
8		3.0	NA	Dark brown medium to fine Sand with some clay - Wet **End of boring at 12 ftbgs.**
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-22
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 20 feet west of fill port at 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW not observed	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0	SB-22 (3'-4')	1.5	26.0	Concrete 5" - Dry Void Dark brown medium to fine Sand with some gravel - Dry Black stained coarse Sand with gravel, petroleum odor - Dry **Refusal at 4 ftbgs.**
4				
8				
12				
16				

ATC Associates Inc. 104 East 25th Street New York, NY 10010 212-353-8280	Client: New York City Department of Education	Boring No.: SB-23
	Project Number: 19125-0736 Task Number: 0002	Boring location: Approximately 20 feet west of the fill port and 5 feet south of the 12th Street doors.
Driller: ADT Geologist: Doug Glorie	Project Location: 60 12th Street, Brooklyn NY	
Groundwater Observations: GW at 6 ftbgs	Type: Geoprobe Macrocore Size: 2-inch	Date: 8/3/07

Depth	Sample Identification	Recovery (ft.)	PID Reading	Field Identification of Soil and Observations
0		0.0	NA	No recovery
4	SB-23 (4'-5')	3.0	450	Black stained coarse to medium Sand with some gravel - Wet
8		2.0	NA	Black stained coarse to fine Sand with gravel - Wet Visible staining ends at 11' bgs Brown medium to fine Sand with some silt **End of boring at 12 ftbgs.**
12				
16				

APPENDIX B:
PRIOR REPORT

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Franklin Company Contractors
22-04 119th Street
College Point, NY 11356
Attention: Mr. William Klein

Report Date: 4/11/2007
Re: Client Project ID: 12 St. Board of Education
York Project No.: 07040112

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 4/11/2007
Client Project ID: 12 St. Board of Education
York Project No.: 07040112

Franklin Company Contractors
22-04 119th Street
College Point, NY 11356
Attention: Mr. William Klein

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 04/03/07. The project was identified as your project "12 St. Board of Education".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			BE-GW	
York Sample ID			07040112-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles, STARS List	SW846-8260	ug/L	---	---
1,2,4-Trimethylbenzene			420	50.0
1,3,5-Trimethylbenzene			100	50.0
Benzene			270	10.0
Ethylbenzene			1200	50.0
Isopropylbenzene			Not detected	50.0
Methyl-tert-butyl ether			57	50.0
Naphthalene			140	50.0
n-Butylbenzene			Not detected	50.0
n-Propylbenzene			87	50.0
o-Xylene			670	50.0
p- & m- Xylenes			1400	50.0
p-Isopropyltoluene			Not detected	50.0
sec-Butylbenzene			Not detected	50.0
tert-Butylbenzene			Not detected	50.0
Toluene			3600	50.0

YORK

Client Sample ID			BE-GW	
York Sample ID			07040112-01	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Semi-Volatiles, STARS List	SW846-8270	ug/L	---	---
Acenaphthene			Not detected	6.2
Acenaphthylene			Not detected	6.2
Anthracene			Not detected	6.2
Benzo[a]anthracene			Not detected	6.2
Benzo[a]pyrene			Not detected	6.2
Benzo[b]fluoranthene			Not detected	6.2
Benzo[g,h,i]perylene			Not detected	6.2
Benzo[k]fluoranthene			Not detected	6.2
Chrysene			Not detected	6.2
Dibenz[a,h]anthracene			Not detected	6.2
Fluoranthene			Not detected	6.2
Fluorene			Not detected	6.2
Indeno[1,2,3-cd]pyrene			Not detected	6.2
Naphthalene			Not detected	6.2
Phenanthrene			Not detected	6.2
Pyrene			Not detected	6.2

Client Sample ID			BE-DISP-3'-SOIL		BE-RF-3'-SOIL	
York Sample ID			07040112-02		07040112-03	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles, STARS List	SW846-8260	ug/Kg	---	---	---	---
1,2,4-Trimethylbenzene			Not detected	10.0	Not detected	10.0
1,3,5-Trimethylbenzene			Not detected	10.0	Not detected	10.0
Benzene			Not detected	2.00	Not detected	2.00
Ethylbenzene			Not detected	10.0	Not detected	10.0
Isopropylbenzene			Not detected	10.0	Not detected	10.0
Methyl-tert-butyl ether			Not detected	10.0	Not detected	10.0
Naphthalene			Not detected	10.0	21	10.0
n-Butylbenzene			Not detected	10.0	Not detected	10.0
n-Propylbenzene			Not detected	10.0	Not detected	10.0
o-Xylene			Not detected	10.0	Not detected	10.0
p- & m- Xylenes			Not detected	10.0	Not detected	10.0
p-Isopropyltoluene			Not detected	10.0	Not detected	10.0
sec-Butylbenzene			Not detected	10.0	Not detected	10.0
tert-Butylbenzene			Not detected	10.0	Not detected	10.0
Toluene			Not detected	10.0	Not detected	10.0
Semi-Volatiles, STARS List	SW846-8270	ug/kG	---	---	---	---
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzo[a]anthracene			Not detected	165	Not detected	165
Benzo[a]pyrene			Not detected	165	Not detected	165
Benzo[b]fluoranthene			Not detected	165	Not detected	165
Benzo[g,h,i]perylene			Not detected	165	Not detected	165
Benzo[k]fluoranthene			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz[a,h]anthracene			Not detected	165	Not detected	165

YORK

Client Sample ID			BE-DISP-3'-SOIL		BE-RF-3'-SOIL	
York Sample ID			07040112-02		07040112-03	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Phenanthrene			170	165	Not detected	165
Pyrene			270	165	Not detected	165

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07040112

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 4/11/2007

YORK

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Board spike w/ Mary 4-11-7 D040112

Company Name	Report To:	Invoice To:	Project/ID/No.	Samples Collected By (Signature) / Name (Printed)
FRANKLIN COMPANY 2204 119th STREET C. POINT. NY 11356	WILLIAM KLEIN	WILLIAM KLEIN	12 ST. BROUG OF EDU.	[signature] / VLADIMIR ORTIZ

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	BE-GW	4-2-07	✓				VOC / SVOC	(1) AMBER (2) VOA (HCL)
	BE-DISP-3'-SOIL	4-2-07		✓			VOC / SVOC	(1) 4 OZ JAR (1) 2 OZ JAR
	BE-RF-3'-SOIL	4-2-07		✓			VOC / SVOC	(1) 4 OZ JAR (1) 2 OZ JAR

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	4-2-07 16:00	[signature]	4/3 4:80
Bottles Received in Field by	**Date/Time**	**Sample Relinquished by**	**Date/Time**	**Sample Received in LAB by**	**Date/Time**

Comments/Special Instructions 3.8 c

Turn-Around Time
____Standard ____RUSH(define)________

PBS # : 2-601718

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Petroleum Bulk Storage Program
Facility Information Report

Printed : 7/6/2007

Site: EMERGENCY RESPONSE UNIT (K887)
60 12TH STREET
60 TWELFTH STREET
BROOKLYN, NY 11215

Town: New York City **County:** Kings

Operator: PLANT OPERATIONS (718) 349-5400

Emergency : SCHOOL SAFETY (718) 935-3300

Owner: NEW YORK CITY DEPARTMENT OF
44-36 VERNON BOULEVARD
LONG ISLAND CITY, NY 11101

(718) 349-5738

Owner Type : Local Government

Auth Rep: JAMES A. MERLO

Mail: NYC DEPT. OF EDUCATION
FIELD OPERATIONS - FUEL DIV.
44-36 VERNON BOULEVARD
LONG ISLAND CITY, NY 11101

ATTN: JAMES A. MERLO

(718) 349-5738

Site Status : Unregulated (<1101 gal.)
Site Type: School
Total Active Tanks : 0
Active Capacity : 0

Reg Expires : 1/27/09

Cert Printed: 12/26/03

Last Inspected:

Inspected By:

SPDES #

CBS # :

(2) Tank No	(3) Tank Loc	(4) Status	(5) Date Install	(5) Date Closed	(6) Capacity (gals)	(7) Product	(8) Tank Type	(9) Tank IP	(10) Tank EP	(11) Tank SC	(12) Tank LD	(13) Tank OP	(14) Tank SP	(15) Tank Disp	(16) Pipe Loc	(17) Pipe Type	(18) Pipe EP	(19) Pipe SC	(20) Pipe LD	(21) Date Test	(21) Next Test
001	5	Closed - Removed		3/30/07	3,000	0009	01	00	01	04	00	02	04	01	02	01	01	01	00	00	5/15/00	
002	5	Closed - Removed		3/30/07	3,000	0008	01	00	01	00	00	02		01	02	02	99	99			12/1/87	

Action (1)
1. Initial Listing
2.Add Tank
3. Close/Remove Tank
4. Information Correction
5. Recondition/Repair/ Reline Tank

Tank Location (3)
1. Aboveground-contact w/soil
2. Aboveground-contact w/ impervious barrier
3.Aboveground on saddles, legs, stilts, rack, or cradle
4. Aboveground with 10% or more below ground
5. Underground
6. Underground, vaulted, with access

Status (4)
1. In-service
2. Temporarily out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

Product Stored (7)
0000. Empty
0001. #2 Fuel Oil
0002. #4 Fuel Oil
0003. #6 Fuel Oil
0011. Jet Fuel
0008. Diesel
0009. Gasoline
0012. Kerosene
0013. Lube Oil
0022. Waste/Used Oil
0259. #5 Fuel Oil
2642. Used Oil (Fuel)
9999. Other -please list :*

Tank Type (8)
01. Steel/Carbon Steel/Iron
02. Galvanized Steel Alloy
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Tank in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Urethane Clad Steel
99. Other-please list:*

Internal Protection (9)
00. None
01. Epoxy Liner
02. Rubber Liner
03. Fiberglass Liner (FRP)
04. Glass Liner
99. Other-please list:*

External Protection (10/18)
00. None
01. Painted/Asphalt Coating
02. Original Sacrificial Anode
03. Original Impressed Current
04. Fiberglass
05. Jacketed
06. Wrapped (Piping)
07. Retrofitted Sacrificial Anode
08. Retrofitted Impressed Current
09. Urethane
99. Other-please list:*

Tank Leak Detection (12)
00 None
01.Interstitial Electronic Monitoring
02. Interstitial Manual Monitoring
03.Vapor Well
04. Groundwater Well
05. In-Tank System (ATG)
06. Impervious Barrier/Concrete Pad (A/G)
99. Other-please list:*

*** If other, please list on a separate sheet including Tank Number**

Piping Type (17)
00. None
01. Steel/Carbon Steel/Iron
02. Galvanized Steel
03. Stainless Steel Alloy
04. Fiberglass Coated Steel
05. Steel Encased in Concrete
06. Fiberglass Reinforced Plastic (FRP)
07. Plastic
08. Equivalent Technology
09. Concrete
10. Copper
11. Flexible Piping
99. Other-please list:*

Overfill Prevention(13)
00. None
01. Float Vent Valve
02.High Level Alarm
03. Automatic Shut-off
04. Product Level Gauge(A/G)
05. Vent Whistle
99. Other-please list:*

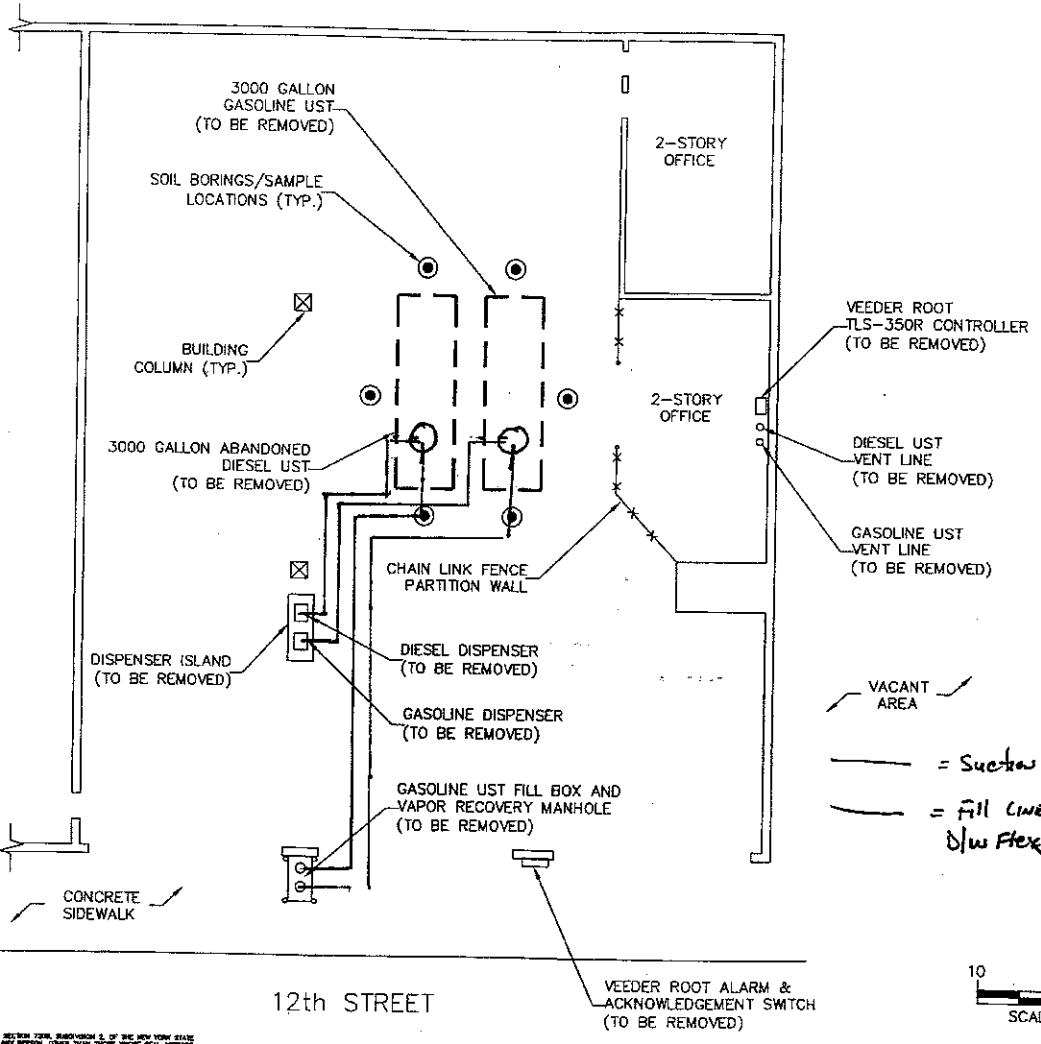
Secondary Containment (11/19)
00. None
01. Diking (A/G)
02. Vault (w/access)
03. Vault (w/o access)
04. Double-Walled (U/G)
05. Synthetic Liner
06. Remote Impounding Area
07. Excavation/Trench Liner System
08. Flexible Internal Liner (Bladder)
09. Modified Double-Walled (A/G)
10. Impervious Underlayment
11. Double Bottom (A/G)
99. Other-please list:*

Spill Prevention (14)
00. None
01. Catch Basin
02. Transfer Station Containment
99. Other - Please list*

Piping Location (16)
00. No Piping
01. Aboveground
02. Underground/On-groun
03. Aboveground/Undergrc Combination

Pipe Leak Detection (20)
00. None
01. Interstitial Electronic Monitoring
02. Interstitial Manual Monito
03. Vapor Well
04. Groundwater Well
07. Pressurized Piping Leak Detector
08. Tank Top Sump (Piping)
09. Exempt Suction Piping
99. Other-please list:*

Dispenser (15)
00. None
01. Submersible
02. Suction
03. Gravity



NOTES:

1. THE CONTRACTOR SHALL MARK OUT THE LOCATION OF ALL UTILITIES PRIOR TO STARTING CONSTRUCTION.

2. ALL PORTIONS OF THE EXISTING SITE, THAT WILL REMAIN, THAT HAVE BEEN DAMAGED, DISTURBED OR REMOVED SHALL BE RESTORED BY THE CONTRACTOR TO THE CONDITION EQUAL TO OR BETTER THEN THAT WHICH EXISTED BEFORE THE COMMENCEMENT OF WORK, AT NO ADDITIONAL COST TO THE CITY.

3. THE CONTRACTOR SHALL PROVIDE ADEQUATE VENTILATION IN THE GARAGE AREA DURING ALL PHASES OF CONSTRUCTION TO ENSURE SAFE CONDITIONS AND PREVENT COMBUSTIBLE VAPOR FROM ACCUMULATING IN THE GARAGE AREA. THE CONTRACTOR SHALL CONDUCT COMBUSTIBLE GAS/AIR MONITORING DURING ALL PHASES OF CONSTRUCTION IN ACCORDANCE WITH THE SPECIFICATIONS.

4. THE CONTRACTOR SHALL NOTIFY NYSDEC OF THE INTENT TO REMOVE THE TANK 30 DAYS PRIOR TO REMOVAL ACTIVITIES.

5. THE CONTRACTOR SHALL PURGE, CLEAN, REMOVE AND DISPOSE OF THE EXISTING UNDERGROUND PETROLEUM STORAGE TANKS, AS INDICATED ON THE DRAWINGS, IN ACCORDANCE WITH THE SPECIFICATIONS.

6. THE LOCATION OF THE PIPING IS NOT SHOWN. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION IN THE FIELD. THE CONTRACTOR SHALL PURGE, CLEAN, AND ABANDON IN PLACE OR REMOVE ALL BURIED/CONCEALED PIPING OUTSIDE THE LIMITS OF THE EXCAVATION. ALL EXPOSED PIPING OR PIPING WITHIN THE EXCAVATION LIMITS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS INCLUDES BUT IS NOT LIMITED TO VENT PIPING, VENT RISERS, FILL LINES AND SPILL CONTAINMENT BOXES

7. THE CONTRACTOR SHALL CONDUCT SOIL SAMPLING AND GROUNDWATER SAMPLING IN ACCORDANCE WITH THE SPECIFICATIONS AND SPOTS 14 CLOSURE REGULATIONS.

BOE BROOKLYN GARAGE
60 12TH STREET
BROOKLYN, NEW YORK

NO.	DATE	DESCRIPTION

REVISIONS

LiRo Engineers, Inc.
3 Aerial Way
Syosset, New York

DDC
City of New York
Department of Design And Construction
Transportation Program Unit

JOB TITLE AND LOCATION
REMOVAL & REPLACEMENT OF PETROLEUM STORAGE SYSTEMS & CATHODIC PROTECTION SYSTEMS FOR NYPD, FDNY, NYCDEP, NYCDOS, NYCBOE

DRAWING TITLE
BOE BROOKLYN GARAGE
SITE / DEMO PLAN

DATE	LIRO JOB NO:	DRAWING NO.
MARCH 2006	000-14-205	41

DESIGNED BY:	CHECKED BY:	SCALE:
M.B.	E.A.	
DRAWN BY:	PROJ. DIR:	SHEET OF
M.B.	B.A.	41 43

APPENDIX C:
CORRESPONDENCE BETWEEN NYSDEC AND NYCDOE

file K887

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 2
Spill Prevention and Response Programs
47-40 21ST Street, Long Island City, NY 11101-5407
Phone: (718) 482-7366 • **FAX:** (718) 482-4098 • **Website:** www.dec.state.ny.us

2007 APR 17 PM 3:09
REAL ESTATE

April 13, 2007

Tanya Hobson Williams
Deputy Director of Leasing Dept.
Department of Education
44-36 Vernon Blvd
Long Island City, NY 11010

Re.: Spill at 60 12th Street
Brooklyn, NY
Spill Case #: 0700373

Project Manager: Hiralkumar Patel

Dear Ms. Williams,

On 04/11/2007, the New York State Department of Environmental Conservation (the Department) was notified that a petroleum release was discovered, from underground storage tank (UST), at the above referenced site. This is a violation of Article 12 of the New York State Navigation Law (NL) Section 173. You have been identified as either the owner of this UST system or the owner's representative and according to NL Section 176 you are required to contain and "promptly clean up and remove the discharge." Therefore, this case will remain open in our database until the Department receives sufficient information to ascertain that the discharge has been cleaned up.

The Department has received an analytical data, submitted by The Franklin Company Contractors, Inc. for soil and groundwater samples taken after UST removal. After reviewing the data, the Department requires the following:

1. *Delineation of Soil and Groundwater Contamination:*
The Department requires that soil and groundwater contamination be completely delineated via the collection of soil samples and groundwater samples. Soil will be sampled continuously with a PID around previously removed UST system including associated piping. Soil sampling along piping must be done according to DER-10 (Technical Guidance for Site Investigation and Remediation), available at http://www.dec.state.ny.us/website/der/index.html, section 3.9 (a) 5. The deepest dry soil sample and the sample with the highest PID reading will be sent to a NYSDOH certified laboratory for EPA Method 8260/8270 analyses and the results will be sent to the Department. If no elevated PID readings are found then the **two** deepest dry soil samples will be submitted for analyses. As per DER-10 section 3.7.2 (a) 5.iii (2 A): "A minimum of three groundwater monitoring wells or piezometers are required in each affected aquifer or water bearing zone to determine the groundwater flow direction in that zone. The monitoring wells or piezometers must be properly installed and surveyed relative to a permanent surface structure to provide for adequate triangulation." Water samples will be analyzed for EPA Method 8260/8270 analyses. Prior to installation, all utilities will be located and marked out. Additional borings/monitoring wells may be necessary based upon review of the investigation report.

Bernie ★ Monitoring Periodically?

An investigation summary report must be submitted to the Department including: scaled site plan with sampling locations, summary of cleanup activities, sample analyticals, site observations, conclusions and recommendations. The report must be **submitted to this office no later than one month from the date of this letter**. It should be sent to my attention, referencing the spill case number and the site address. A remedial action plan may be required based on the results of the investigation.

The Department holds the responsible party liable for addressing any on- or off-site contamination associated with this spill case. Under the New York State Environmental Conservation Law (ECL) and/or the New York State Navigation Law (NL), any person who discharges petroleum and fails to promptly clean up such prohibited discharge may be subject to a penalty of up to $37,500 per day per violation.

If you have any question, please call me at (718) 482-7366.

Sincerely,

HPatel

Hiralkumar Patel
Environmental Engineer 1
Spill Prevention & Response Programs

Post. exc. samples received

Hrpatel@gw.dec.State.ny.us

registered tanks – yes.
march 2007 removed + deregistered.
2K diesel
3K gasoline

mr. Laga – he collected samples

NYS Department of Environmental Conservation
Office of General Counsel
625 Broadway, Albany, New York 12233-1500
(518) 402-9188 (518) 402-9018 (Fax)

Alexander B. Grannis
Commissioner

FOIL Request No. 07-1952
8/15/2007

Mr. Doug Glorie
ATC Associates, Inc.
104 East 25th Street Tenth Floor
New York, NY 10010-

Dear Mr. Glorie:

This is to acknowledge receipt of your Freedom of Information Law request seeking records regarding: **Environmental and public health hazards posed by the former MGP site known as USPS Gowanus Site V00405 at 12th St. and 2nd Ave in Brooklyn, NY. (i.e construction, rem. Invest.)**

I have referred your request to the following Records Custodian(s) / Freedom of Information Law Coordinator(s) who may possess the records you are requesting:

Ms. Valerie Gibson - Environmental Remediation
625 Broadway
Albany, NY 12233-7012 (518) 402-9757

You may expect a response to your request by **9/13/2007.**

If I can be of further assistance, please contact me at (518) 402-9188 . Refer to request number **07-1952** , if you write or call.

Sincerely,

Ruth L. Earl
Records Access Officer

APPENDIX D:
LABORATORY ANALYTICAL RESULTS

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Doug Glorie
ATC Associates

AmeriSci Job# 0708-00020
Subject: DOE GARAGE: STARS VOC/ SVOC

Fax # 212-979-8447

Email: doug.glorie@atcassociates.com

Date: Thursday, August 09, 2007

Time: 4:10:09PM

Comments:

This report consists of 18 pages, including:

Cover Page (Facsimile Telecopy Transmission)	1	pages
Laboratory Report	12	pages
Chain of Custody Record	2	pages
Air bill	1	pages
Sample Receiving Form	1	pages
Miscellaneous	1	pages email

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 08/09/2007
Workorder No. 0708-00020

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: Mr. Doug Glorie
Subject: DOE GARAGE: STARS VOC/ SVOC

Sample: 001 SB-01 (4')
Collection Date: 08/01/2007 Time: 9:30:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	27	NAC	08/08/2007 / 16:09	
Benzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
Toluene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
Ethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
M & P-XYLENE	EPA 8021	59.7	ug/Kg	54	NAC	08/08/2007 / 16:09	
O-XYLENE	EPA 8021	42.1	ug/Kg	27	NAC	08/08/2007 / 16:09	
Isopropylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
n-Propylbenzene	EPA 8021	44.1	ug/Kg	27	NAC	08/08/2007 / 16:09	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
1,2,4-Trimethylbenzene	EPA 8021	160	ug/Kg	27	NAC	08/08/2007 / 16:09	
sec-Butylbenzene	EPA 8021	46.5	ug/Kg	27	NAC	08/08/2007 / 16:09	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 16:09	
n-Butylbenzene	EPA 8021	ND	ug/kg	27	NAC	08/08/2007 / 16:09	
Naphthalene	EPA 8021	175	ug/Kg	54	NAC	08/08/2007 / 16:09	
TRIFLUOROTOLUENE (SURR)		82.6	%		NAC	08/08/2007 / 16:09	
4-BROMOFLUOROBENZENE (SURR)		84.6	%		NAC	08/08/2007 / 16:09	
Percent Solids	SM 2540G	92.3	%		TLL	08/03/2007 / 7:30	

Sample: 002 SB-01 (2'-4')
Collection Date: 08/01/2007 Time: 9:30:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

Sample: 002 SB-01 (2'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	210	ug/Kg	180	NAC	08/09/2007 / 12:17	
2-Methyl Naphthalene	EPA 8270C	1100	ug/Kg	180	NAC	08/09/2007 / 12:17	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:17	
Acenaphthene	EPA 8270C	210	ug/Kg	180	NAC	08/09/2007 / 12:17	
Fluorene	EPA 8270C	300	ug/Kg	180	NAC	08/09/2007 / 12:17	
Phenanthrene	EPA 8270C	1400	ug/Kg	180	NAC	08/09/2007 / 12:17	
Anthracene	EPA 8270C	320	ug/Kg	180	NAC	08/09/2007 / 12:17	
Fluoranthene	EPA 8270C	1300	ug/Kg	180	NAC	08/09/2007 / 12:17	
Pyrene	EPA 8270C	2800	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Benzo(a)anthracene	EPA 8270C	650	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Chrysene	EPA 8270C	710	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Benzo(b)fluoranthene	EPA 8270C	710	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Benzo(k)fluoranthene	EPA 8270C	710	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Benzo(a)pyrene	EPA 8270C	590	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:17	I
Benzo (g,h,i) perylene	EPA 8270C	200	ug/Kg	180	NAC	08/09/2007 / 12:17	I
NITROBENZENE-D5 (SURR)		54.3	%		NAC	08/09/2007 / 12:17	
2-FLUOROBIPHENYL (SURR)		58.7	%		NAC	08/09/2007 / 12:17	
TERPHENYL-D14 (SURR)		132	%		NAC	08/09/2007 / 12:17	
Percent Solids	SM 2540G	90.3	%		TLL	08/03/2007 / 7:30	

Sample: 003 SB-02 (4')
Collection Date: 08/01/2007 Time: 10:10:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 004 SB-02 (2'-4')
Collection Date: 08/01/2007 Time: 10:10:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Sample: 004 SB-02 (2'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 005 SB-03 (4')
Collection Date: 08/01/2007 **Time:** 10:55:00AM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	26	NAC	08/08/2007 / 16:41	
Benzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
Toluene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
Ethylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
M & P-XYLENE	EPA 8021	ND	ug/Kg	52	NAC	08/08/2007 / 16:41	
O-XYLENE	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
Isopropylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
n-Propylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	26	NAC	08/08/2007 / 16:41	
n-Butylbenzene	EPA 8021	ND	ug/kg	26	NAC	08/08/2007 / 16:41	
Naphthalene	EPA 8021	ND	ug/Kg	52	NAC	08/08/2007 / 16:41	
TRIFLUOROTOLUENE (SURR)		99.0	%		NAC	08/08/2007 / 16:41	
4-BROMOFLUOROBENZENE (SURR)		99.4	%		NAC	08/08/2007 / 16:41	
Percent Solids	SM 2540G	94.6	%		TLL	08/03/2007 / 7:30	

Sample: 006 SB-03 (2'-4')
Collection Date: 08/01/2007 **Time:** 10:55:00AM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	

Sample: 006 SB-03 (2'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Fluorene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Phenanthrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Fluoranthene	EPA 8270C	200	ug/Kg	180	NAC	08/09/2007 / 12:50	
Pyrene	EPA 8270C	410	ug/Kg	180	NAC	08/09/2007 / 12:50	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Chrysene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	I
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	I
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	I
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 12:50	I
NITROBENZENE-D5 (SURR)		80.7	%		NAC	08/09/2007 / 12:50	
2-FLUOROBIPHENYL (SURR)		83.5	%		NAC	08/09/2007 / 12:50	
TERPHENYL-D14 (SURR)		159	%		NAC	08/09/2007 / 12:50	G3
Percent Solids	SM 2540G	93.1	%		TLL	08/03/2007 / 7:30	

Sample: 007 SB-04 (3')
Collection Date: 08/01/2007 Time: 11:40:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 008 SB-04 (1'-3')
Collection Date: 08/01/2007 Time: 11:40:00AM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00020

Sample: 009 SB-05 (3')
Collection Date: 08/01/2007 Time: 12:00:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/08/2007 / 17:13	
Benzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
Toluene	EPA 8021	36.1	ug/Kg	28	NAC	08/08/2007 / 17:13	
Ethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
M & P-XYLENE	EPA 8021	74.0	ug/Kg	55	NAC	08/08/2007 / 17:13	
O-XYLENE	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
Isopropylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
n-Propylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
1,2,4-Trimethylbenzene	EPA 8021	44.3	ug/Kg	28	NAC	08/08/2007 / 17:13	
sec-Butylbenzene	EPA 8021	70.2	ug/Kg	28	NAC	08/08/2007 / 17:13	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/08/2007 / 17:13	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/08/2007 / 17:13	
Naphthalene	EPA 8021	172	ug/Kg	55	NAC	08/08/2007 / 17:13	
TRIFLUOROTOLUENE (SURR)		100	%		NAC	08/08/2007 / 17:13	
4-BROMOFLUOROBENZENE (SURR)		96.1	%		NAC	08/08/2007 / 17:13	
Percent Solids	SM 2540G	90.7	%		TLL	08/03/2007 / 7:30	

Sample: 010 SB-05 (1'-3')
Collection Date: 08/01/2007 Time: 12:00:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	610	ug/Kg	180	NAC	08/09/2007 / 1:23	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:23	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:23	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:23	
Fluorene	EPA 8270C	210	ug/Kg	180	NAC	08/09/2007 / 1:23	
Phenanthrene	EPA 8270C	1600	ug/Kg	180	NAC	08/09/2007 / 1:23	

Sample: 010 SB-05 (1'-3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Anthracene	EPA 8270C	500	ug/Kg	180	NAC	08/09/2007 / 1:23	
Fluoranthene	EPA 8270C	2000	ug/Kg	180	NAC	08/09/2007 / 1:23	
Pyrene	EPA 8270C	3800	ug/Kg	920	NAC	08/09/2007 / 7:53	
Benzo(a)anthracene	EPA 8270C	1800	ug/Kg	920	NAC	08/09/2007 / 7:53	
Chrysene	EPA 8270C	1800	ug/Kg	920	NAC	08/09/2007 / 7:53	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:23	I
Benzo(b)fluoranthene	EPA 8270C	1600	ug/Kg	920	NAC	08/09/2007 / 7:53	
Benzo(k)fluoranthene	EPA 8270C	1500	ug/Kg	920	NAC	08/09/2007 / 7:53	
Benzo(a)pyrene	EPA 8270C	1700	ug/Kg	920	NAC	08/09/2007 / 7:53	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:23	I
Benzo (g,h,i) perylene	EPA 8270C	550	ug/Kg	180	NAC	08/09/2007 / 1:23	I
NITROBENZENE-D5 (SURR)		84.7	%		NAC	08/09/2007 / 1:23	
2-FLUOROBIPHENYL (SURR)		87.8	%		NAC	08/09/2007 / 1:23	
TERPHENYL-D14 (SURR)		130	%		NAC	08/09/2007 / 7:53	
Percent Solids	SM 2540G	89.8	%		TLL	08/03/2007 / 7:30	

Sample: 011 SB-06 (3')
Collection Date: 08/01/2007 Time: 1:05:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 012 SB-06 (2'-4')
Collection Date: 08/01/2007 Time: 1:05:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 013 SB-07 (3')
Collection Date: 08/01/2007 Time: 1:45:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Sample: 013 SB-07 (3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	27	NAC	08/08/2007 / 17:45	
Benzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
Toluene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
Ethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
M & P-XYLENE	EPA 8021	ND	ug/Kg	55	NAC	08/08/2007 / 17:45	
O-XYLENE	EPA 8021	44.6	ug/Kg	27	NAC	08/08/2007 / 17:45	
Isopropylbenzene	EPA 8021	107	ug/Kg	27	NAC	08/08/2007 / 17:45	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
n-Propylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
tert-Butylbenzene	EPA 8021	27.4	ug/Kg	27	NAC	08/08/2007 / 17:45	
1,2,4-Trimethylbenzene	EPA 8021	54.2	ug/Kg	27	NAC	08/08/2007 / 17:45	
sec-Butylbenzene	EPA 8021	127	ug/Kg	27	NAC	08/08/2007 / 17:45	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	27	NAC	08/08/2007 / 17:45	
n-Butylbenzene	EPA 8021	ND	ug/kg	27	NAC	08/08/2007 / 17:45	
Naphthalene	EPA 8021	435	ug/Kg	55	NAC	08/08/2007 / 17:45	
TRIFLUOROTOLUENE (SURR)		87.4	%		NAC	08/08/2007 / 17:45	
4-BROMOFLUOROBENZENE (SURR)		84.1	%		NAC	08/08/2007 / 17:45	
Percent Solids	SM 2540G	91.4	%		TLL	08/03/2007 / 7:30	

Sample: 014 SB-07 (2'-4')
Collection Date: 08/01/2007 Time: 1:45:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	900	ug/Kg	180	NAC	08/09/2007 / 1:55	
2-Methyl Naphthalene	EPA 8270C	500	ug/Kg	180	NAC	08/09/2007 / 1:55	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:55	
Acenaphthene	EPA 8270C	230	ug/Kg	180	NAC	08/09/2007 / 1:55	
Fluorene	EPA 8270C	270	ug/Kg	180	NAC	08/09/2007 / 1:55	
Phenanthrene	EPA 8270C	1400	ug/Kg	180	NAC	08/09/2007 / 1:55	
Anthracene	EPA 8270C	330	ug/Kg	180	NAC	08/09/2007 / 1:55	
Fluoranthene	EPA 8270C	1600	ug/Kg	180	NAC	08/09/2007 / 1:55	

Sample: 014 SB-07 (2'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Pyrene	EPA 8270C	2600	ug/Kg	890	NAC	08/09/2007 / 8:26	
Benzo(a)anthracene	EPA 8270C	1100	ug/Kg	890	NAC	08/09/2007 / 8:26	
Chrysene	EPA 8270C	1100	ug/Kg	890	NAC	08/09/2007 / 8:26	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:55	I
Benzo(b)fluoranthene	EPA 8270C	1000	ug/Kg	890	NAC	08/09/2007 / 8:26	
Benzo(k)fluoranthene	EPA 8270C	920	ug/Kg	890	NAC	08/09/2007 / 8:26	
Benzo(a)pyrene	EPA 8270C	960	ug/Kg	890	NAC	08/09/2007 / 8:26	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/09/2007 / 1:55	I
Benzo (g,h,i) perylene	EPA 8270C	320	ug/Kg	180	NAC	08/09/2007 / 1:55	I
NITROBENZENE-D5 (SURR)		78.5	%		NAC	08/09/2007 / 1:55	
2-FLUOROBIPHENYL (SURR)		81.4	%		NAC	08/09/2007 / 1:55	
TERPHENYL-D14 (SURR)		113	%		NAC	08/09/2007 / 8:26	
Percent Solids	SM 2540G	91.7	%		TLL	08/03/2007 / 7:30	

Sample: 015 SB-07 (5')
Collection Date: 08/01/2007 Time: 1:55:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	30	NAC	08/08/2007 / 18:17	
Benzene	EPA 8021	ND	ug/Kg	30	NAC	08/08/2007 / 18:17	
Toluene	EPA 8021	ND	ug/Kg	30	NAC	08/08/2007 / 18:17	
Ethylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/08/2007 / 18:17	
M & P-XYLENE	EPA 8021	63.5	ug/Kg	59	NAC	08/08/2007 / 18:17	
O-XYLENE	EPA 8021	49.7	ug/Kg	30	NAC	08/08/2007 / 18:17	
Isopropylbenzene	EPA 8021	87.8	ug/Kg	30	NAC	08/08/2007 / 18:17	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/08/2007 / 18:17	
n-Propylbenzene	EPA 8021	39.2	ug/Kg	30	NAC	08/08/2007 / 18:17	
tert-Butylbenzene	EPA 8021	81.4	ug/Kg	30	NAC	08/08/2007 / 18:17	
1,2,4-Trimethylbenzene	EPA 8021	161	ug/Kg	30	NAC	08/08/2007 / 18:17	
sec-Butylbenzene	EPA 8021	43.6	ug/Kg	30	NAC	08/08/2007 / 18:17	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	30	NAC	08/08/2007 / 18:17	
n-Butylbenzene	EPA 8021	ND	ug/kg	30	NAC	08/08/2007 / 18:17	

Sample: 015 SB-07 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8021	481	ug/Kg	59	NAC	08/08/2007 / 18:17	
TRIFLUOROTOLUENE (SURR)		82.4	%		NAC	08/08/2007 / 18:17	
4-BROMOFLUOROBENZENE (SURR)		80.5	%		NAC	08/08/2007 / 18:17	
Percent Solids	SM 2540G	83.8	%		TLL	08/03/2007 / 7:30	

Sample: 016 SB-07 (4'-6')
Collection Date: 08/01/2007 Time: 1:55:00PM **Received Date: 08/02/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	3200	ug/Kg	200	NAC	08/09/2007 / 2:28	
2-Methyl Naphthalene	EPA 8270C	800	ug/Kg	200	NAC	08/09/2007 / 2:28	
Acenaphthylene	EPA 8270C	520	ug/Kg	200	NAC	08/09/2007 / 2:28	
Acenaphthene	EPA 8270C	870	ug/Kg	200	NAC	08/09/2007 / 2:28	
Fluorene	EPA 8270C	1100	ug/Kg	200	NAC	08/09/2007 / 2:28	
Phenanthrene	EPA 8270C	3400	ug/Kg	200	NAC	08/09/2007 / 2:28	
Anthracene	EPA 8270C	1200	ug/Kg	200	NAC	08/09/2007 / 2:28	
Fluoranthene	EPA 8270C	2500	ug/Kg	200	NAC	08/09/2007 / 2:28	
Pyrene	EPA 8270C	11000	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Benzo(a)anthracene	EPA 8270C	4600	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Chrysene	EPA 8270C	5100	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	330	ug/Kg	200	NAC	08/09/2007 / 2:28	I
Benzo(b)fluoranthene	EPA 8270C	3900	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Benzo(k)fluoranthene	EPA 8270C	3800	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Benzo(a)pyrene	EPA 8270C	4700	ug/Kg	2000	NAC	08/09/2007 / 8:59	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 2:28	I
Benzo (g,h,i) perylene	EPA 8270C	1700	ug/Kg	200	NAC	08/09/2007 / 2:28	I
NITROBENZENE-D5 (SURR)		80.4	%		NAC	08/09/2007 / 2:28	
2-FLUOROBIPHENYL (SURR)		83.7	%		NAC	08/09/2007 / 2:28	
TERPHENYL-D14 (SURR)		126	%		NAC	08/09/2007 / 8:59	
Percent Solids	SM 2540G	80.6	%		TLL	08/03/2007 / 7:30	

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Customer: ATC Associates

Workorder No. 0708-00020

Sample: 017 SB-08 (3')
Collection Date: 08/01/2007 **Time:** 2:50:00PM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 018 SB-08 (2'-4')
Collection Date: 08/01/2007 **Time:** 2:50:00PM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 019 SB-05
Collection Date: 08/01/2007 **Time:** 12:05:00PM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Water							
Methyl t-butyl ether	EPA 8021	3.03	ug/L	1	NAC	08/08/2007 / 15:06	
Benzene	EPA 8021	254	ug/L	10	NAC	08/08/2007 / 18:48	
Toluene	EPA 8021	8.92	ug/L	1	NAC	08/08/2007 / 15:06	
Ethylbenzene	EPA 8021	49.3	ug/L	1	NAC	08/08/2007 / 15:06	
M & P Xylene	EPA 8021	44.0	ug/L	2	NAC	08/08/2007 / 15:06	
O-XYLENE	EPA 8021	12.1	ug/L	1	NAC	08/08/2007 / 15:06	
Isopropylbenzene	EPA 8021	27.3	ug/L	1	NAC	08/08/2007 / 15:06	
1,3,5-Trimethylbenzene	EPA 8021	8.09	ug/L	1	NAC	08/08/2007 / 15:06	
n-Propylbenzene	EPA 8021	1.58	ug/L	1	NAC	08/08/2007 / 15:06	
tert-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 15:06	
1,2,4-Trimethylbenzene	EPA 8021	10.4	ug/L	1	NAC	08/08/2007 / 15:06	
sec-Butylbenzene	EPA 8021	2.64	ug/L	1	NAC	08/08/2007 / 15:06	
p-Isopropyltoluene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 15:06	
n-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 15:06	
Naphthalene	EPA 8021	178	ug/L	2	NAC	08/08/2007 / 15:06	
TRIFLUOROTOLUENE (SURR)		91.0	%		NAC	08/08/2007 / 15:06	
4-BROMOFLUOROBENZENE (SURR)		90.3	%		NAC	08/08/2007 / 15:06	

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Customer: ATC Associates

Workorder No. 0708-00020

Sample: 020 SB-05
Collection Date: 08/01/2007 **Time:** 12:05:00PM **Received Date:** 08/02/2007 **Time:** 9:00:00AM
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Water							
Naphthalene	EPA 8270C	238	ug/L	31	NAC	08/09/2007 / 7:20	
2-Methylnaphthalene	EPA 8270C	16.2	ug/L	6.3	NAC	08/08/2007 / 23:11	
Acenaphthylene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Acenaphthene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Fluorene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Phenanthrene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Anthracene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Fluoranthene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Pyrene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Chrysene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	6.3	NAC	08/08/2007 / 23:11	
NITROBENZENE-D5 (SURR)		88.1	%		NAC	08/08/2007 / 23:11	
2-FLUOROBIPHENYL (SURR)		83.3	%		NAC	08/08/2007 / 23:11	
TERPHENYL-D14 (SURR)		83.7	%		NAC	08/08/2007 / 23:11	

G3 Surrogate recovery was above the acceptance limits. Data not impacted.

I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00020

To the best of my knowledge this report is true and accurate.

Authorized By: _____ Date: 8/9/07

Nicole Cortese, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

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PAGE 1 OF 2

DUE DATE: STANDARD TAT
❑ 1 DAY ❑ 2 DAY ❑ 3 DAY ☒ ~~5 DAY~~ ❑ 7 DAY ❑ 10 DAY

TEMP UPON RECEIPT: 1.8°C

DATA PACKAGE: 0708-020

P.O.#

COMPANY: ATC ASSOCIATES

ADDRESS: 104 E. 25th STREET, NY, NY 10010

PHONE: 212-353-8280 FAX 1: 212-979-8447 FAX 2:

CLIENT CONTACT: DOUG GLORIE EMAIL: doug.glorie@atcassociates.com

PROJECT NAME: DOE GARAGE 60 12th STREET, BROOKLYN PROJECT NUMBER: 19125-0736 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE (OZ)	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS - VOC	STARS - SVOC	Notes:
1	SB-01 (4')	Soil	2oz	GLASS	1	8/1/07	930	D.G.	G	/	/	X		
2	SB-01 (2'-4')		9oz				930		C				X	
3 *	SB-02 (4')		2				1010		G			X		
4	SB-02 (2'-4')		9				1010		C				X	
5	SB-03 (4')		2				1055		G			X		
6	SB-03 (2'-4')		9				1055		C				X	
7	SB-04 (3')		2				1140		G			X		
8	SB-04 (1'-3')		9				1140		C				X	
9	SB-05 (3')		2				1200		G			X		
10	SB-05 (1'-3')		9				1200		C				X	
11	SB-06 (3')		2				1305		G			X		
12	SB-06 (2'-4')		9				1305		C				X	

SAMPLED BY: (PRINT) DOUG GLORIE	DATE: 8/1/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/1/07
(SIGN)	TIME: 15:10	(SIGN)	TIME: 1545
RELINQUISHED BY: (PRINT) Peter Kolodner	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 8/1/07 15:45	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) ~~Doug~~ Bell	DATE: 8.2.07
(SIGN)	TIME:	(SIGN) R. Bell	TIME: 9. AM

Chain of Custody Record

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☐ 1 Day ☐ 2 Day ☐ 3 Day ☒ ~~5 Day~~ ☐ 7 Day ☐ 10 Day

Temp Upon Receipt: 1-8°C

Data Package: 0708-020

P.O.#

Company: ATC Associates Inc

Address: 104 E 25th St, 10th Flr New York, NY

Phone: (212)353-8286 | Fax 1: (212)979-8447 | Fax 2:

Client Contact: Doug Glorie | Email: doug.glorie@atcassociates.com

Project Name: DOE Garage 60 12th St, Brooklyn | Project Number: 19125-0736 | Project State: NY

Matrix: A-Water S-Soil/Solids SL-Sludge OIL-Oil CH-Chips WI-Wipes C-Cassettes W-Waste O-Other

Container: P-Plastic G-Glass V-VOA

Lab ID	Client Sample Identification	Matrix	Container Size	Container Type	Container #	Sampling Information Date	Time	Tech	Grab (G) or Composite (C)	Preservatives	Sample pH at Login	STARS VOC	STARS SVOC	Notes:
13	SB-07 (3')	S	2oz	G	1	8/1/07	13:45	DG	G			X		
14	SB-07 (2'-4')		9oz				13:45		C				X	
15	SB-07 (5')		2oz				13:55		G			X		
16	SB-07 (4'-6')		9oz				13:55		C				X	
17	SB-08 (3')		2oz				14:50		G			X		
18	SB-08 (2'-4')		9oz				14:50		C				X	
19	SB-05	A	40mL	G	2	8/1/07	1205	DG		HCl		X		
20	SB-05	A	1L	G	1	1	1205	DG		—	7		X	

Sampled By: (Print) Doug Glorie	Date: 8/1/07	Received By: (Print) Leona Hedrick	Date: 8/1/07
(Sign)	Time: 15:10	(Sign) Leona Hedrick	Time: 1545
Relinquished By: (Print) Peter Kolodner	Date: 8/1/07	Received By: (Print)	Date:
(Sign)	Time: 15:45	(Sign)	Time:
Relinquished By: (Print)	Date:	Received For Laboratory By: (Print) R. Bell	Date: 8-2-07
(Sign)	Time:	(Sign) R. Bell	Time: 9AM

Please Reply To:

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
TEL:(781)337-9334 FAX:(781)337-7642

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Doug Glorie
ATC Associates

Fax # 212-979-8447

Email: _____

AmeriSci Job# 0708-00023
Subject: DOE GARAGE: 60 12TH STREET

Date: Friday, August 10, 2007

Time: 2:48:10PM

Comments:

This report consists of 26 pages, including:

Cover Page (Facsimile Telecopy Transmission)	1	pages
Laboratory Report	19	pages
Chain of Custody Record	3	pages
Air bill	1	pages
Sample Receiving Form	1	pages
Miscellaneous	1	pages

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 08/10/2007
Workorder No. 0708-00023

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: Mr. Doug Glorie
Subject: DOE GARAGE: 60 12TH STREET

Sample: 001 SB-09 (3')
Collection Date: 08/02/2007 Time: 9:10:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 13:22	
Benzene	EPA 8021	74.3	ug/Kg	28	NAC	08/09/2007 / 13:22	
Toluene	EPA 8021	103	ug/Kg	28	NAC	08/09/2007 / 13:22	
Ethylbenzene	EPA 8021	128	ug/Kg	28	NAC	08/09/2007 / 13:22	
M & P-XYLENE	EPA 8021	222	ug/Kg	56	NAC	08/09/2007 / 13:22	
O-XYLENE	EPA 8021	72.6	ug/Kg	28	NAC	08/09/2007 / 13:22	
Isopropylbenzene	EPA 8021	34.5	ug/Kg	28	NAC	08/09/2007 / 13:22	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 13:22	
n-Propylbenzene	EPA 8021	93.4	ug/Kg	28	NAC	08/09/2007 / 13:22	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 13:22	
1,2,4-Trimethylbenzene	EPA 8021	191	ug/Kg	28	NAC	08/09/2007 / 13:22	
sec-Butylbenzene	EPA 8021	38.9	ug/Kg	28	NAC	08/09/2007 / 13:22	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 13:22	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 13:22	
Naphthalene	EPA 8021	553	ug/Kg	56	NAC	08/09/2007 / 13:22	
TRIFLUOROTOLUENE (SURR)		92.7	%		NAC	08/09/2007 / 13:22	
4-BROMOFLUOROBENZENE (SURR)		94.3	%		NAC	08/09/2007 / 13:22	
Percent Solids	SM 2540G	89.9	%		TLL	08/07/2007 / 7:16	

Sample: 002 SB-09 (2'-4')
Collection Date: 08/02/2007 Time: 9:10:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual

Sample: 002 SB-09 (2'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	
Fluorene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	
Phenanthrene	EPA 8270C	1500	ug/Kg	190	NAC	08/09/2007 / 14:33	
Anthracene	EPA 8270C	290	ug/Kg	190	NAC	08/09/2007 / 14:33	
Fluoranthene	EPA 8270C	1100	ug/Kg	190	NAC	08/09/2007 / 14:33	
Pyrene	EPA 8270C	2100	ug/Kg	950	NAC	08/09/2007 / 23:42	
Benzo(a)anthracene	EPA 8270C	640	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Chrysene	EPA 8270C	670	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Benzo(b)fluoranthene	EPA 8270C	710	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Benzo(k)fluoranthene	EPA 8270C	580	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Benzo(a)pyrene	EPA 8270C	520	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:33	I
Benzo (g,h,i) perylene	EPA 8270C	240	ug/Kg	190	NAC	08/09/2007 / 14:33	I
NITROBENZENE-D5 (SURR)		58.6	%		NAC	08/09/2007 / 14:33	
2-FLUOROBIPHENYL (SURR)		64.5	%		NAC	08/09/2007 / 14:33	
TERPHENYL-D14 (SURR)		95.7	%		NAC	08/09/2007 / 23:42	
Percent Solids	SM 2540G	87.0	%		TLL	08/07/2007 / 7:16	

Sample: 003 SB-09 (5')
Collection Date: 08/02/2007 Time: 9:15:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	31	NAC	08/10/2007 / 11:20	
Benzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
Toluene	EPA 8021	42.2	ug/Kg	31	NAC	08/10/2007 / 11:20	
Ethylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
M & P-XYLENE	EPA 8021	ND	ug/Kg	63	NAC	08/10/2007 / 11:20	

Sample: 003 SB-09 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
Isopropylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
n-Propylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	31	NAC	08/10/2007 / 11:20	
n-Butylbenzene	EPA 8021	ND	ug/kg	31	NAC	08/10/2007 / 11:20	
Naphthalene	EPA 8021	ND	ug/Kg	63	NAC	08/10/2007 / 11:20	
TRIFLUOROTOLUENE (SURR)		108	%		NAC	08/10/2007 / 11:20	
4-BROMOFLUOROBENZENE (SURR)		111	%		NAC	08/10/2007 / 11:20	
Percent Solids	SM 2540G	76.7	%		TLL	08/07/2007 / 7:16	

Sample: 004 SB-09 (4'-6')
Collection Date: 08/02/2007 Time: 9:15:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	220	ug/Kg	210	NAC	08/09/2007 / 15:06	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	210	NAC	08/09/2007 / 15:06	
Acenaphthylene	EPA 8270C	210	ug/Kg	210	NAC	08/09/2007 / 15:06	
Acenaphthene	EPA 8270C	300	ug/Kg	210	NAC	08/09/2007 / 15:06	
Fluorene	EPA 8270C	370	ug/Kg	210	NAC	08/09/2007 / 15:06	
Phenanthrene	EPA 8270C	2600	ug/Kg	210	NAC	08/09/2007 / 15:06	
Anthracene	EPA 8270C	820	ug/Kg	210	NAC	08/09/2007 / 15:06	
Fluoranthene	EPA 8270C	4800	ug/Kg	1100	NAC	08/10/2007 / :14	
Pyrene	EPA 8270C	5900	ug/Kg	1100	NAC	08/10/2007 / :14	
Benzo(a)anthracene	EPA 8270C	2100	ug/Kg	1100	NAC	08/10/2007 / :14	
Chrysene	EPA 8270C	2200	ug/Kg	1100	NAC	08/10/2007 / :14	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	210	NAC	08/09/2007 / 15:06	I
Benzo(b)fluoranthene	EPA 8270C	1900	ug/Kg	1100	NAC	08/10/2007 / :14	I
Benzo(k)fluoranthene	EPA 8270C	2200	ug/Kg	1100	NAC	08/10/2007 / :14	I

Sample: 004 SB-09 (4'-6')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	2000	ug/Kg	1100	NAC	08/10/2007 / :14	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	210	NAC	08/09/2007 / 15:06	I
Benzo (g,h,i) perylene	EPA 8270C	780	ug/Kg	210	NAC	08/09/2007 / 15:06	I
NITROBENZENE-D5 (SURR)		53.3	%		NAC	08/09/2007 / 15:06	
2-FLUOROBIPHENYL (SURR)		60.6	%		NAC	08/09/2007 / 15:06	
TERPHENYL-D14 (SURR)		96.6	%		NAC	08/10/2007 / :14	
Percent Solids	SM 2540G	76.2	%		TLL	08/07/2007 / 7:16	

Sample: 005 SB-10 (3')
Collection Date: 08/02/2007 Time: 9:30:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 19:06	
Benzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
Toluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
Ethylbenzene	EPA 8021	60.1	ug/Kg	28	NAC	08/09/2007 / 19:06	
M & P-XYLENE	EPA 8021	ND	ug/Kg	55	NAC	08/09/2007 / 19:06	
O-XYLENE	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
Isopropylbenzene	EPA 8021	65.7	ug/Kg	28	NAC	08/09/2007 / 19:06	
1,3,5-Trimethylbenzene	EPA 8021	28.7	ug/Kg	28	NAC	08/09/2007 / 19:06	
n-Propylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
1,2,4-Trimethylbenzene	EPA 8021	122	ug/Kg	28	NAC	08/09/2007 / 19:06	
sec-Butylbenzene	EPA 8021	47.3	ug/Kg	28	NAC	08/09/2007 / 19:06	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 19:06	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 19:06	
Naphthalene	EPA 8021	1620	ug/Kg	55	NAC	08/09/2007 / 19:06	
TRIFLUOROTOLUENE (SURR)		91.0	%		NAC	08/09/2007 / 19:06	
4-BROMOFLUOROBENZENE (SURR)		89.8	%		NAC	08/09/2007 / 19:06	
Percent Solids	SM 2540G	88.7	%		TLL	08/07/2007 / 7:16	

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00023

Sample: 006 SB-10 (2'-4')
Collection Date: 08/02/2007 Time: 9:30:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	12000	ug/Kg	1900	NAC	08/10/2007 / :47	
2-Methyl Naphthalene	EPA 8270C	2300	ug/Kg	190	NAC	08/09/2007 / 15:39	
Acenaphthylene	EPA 8270C	220	ug/Kg	190	NAC	08/09/2007 / 15:39	
Acenaphthene	EPA 8270C	930	ug/Kg	190	NAC	08/09/2007 / 15:39	
Fluorene	EPA 8270C	840	ug/Kg	190	NAC	08/09/2007 / 15:39	
Phenanthrene	EPA 8270C	2400	ug/Kg	190	NAC	08/09/2007 / 15:39	
Anthracene	EPA 8270C	680	ug/Kg	190	NAC	08/09/2007 / 15:39	
Fluoranthene	EPA 8270C	1800	ug/Kg	190	NAC	08/09/2007 / 15:39	
Pyrene	EPA 8270C	5400	ug/Kg	1900	NAC	08/10/2007 / 23:09	
Benzo(a)anthracene	EPA 8270C	1400	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Chrysene	EPA 8270C	1400	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Benzo(b)fluoranthene	EPA 8270C	1500	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Benzo(k)fluoranthene	EPA 8270C	1500	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Benzo(a)pyrene	EPA 8270C	1300	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 15:39	I
Benzo (g,h,i) perylene	EPA 8270C	700	ug/Kg	190	NAC	08/09/2007 / 15:39	I
NITROBENZENE-D5 (SURR)		86.1	%		NAC	08/09/2007 / 15:39	
2-FLUOROBIPHENYL (SURR)		86.0	%		NAC	08/09/2007 / 15:39	
TERPHENYL-D14 (SURR)		149	%		NAC	08/09/2007 / 15:39	G2
Percent Solids	SM 2540G	85.6	%		TLL	08/07/2007 / 7:16	

Sample: 007 SB-11 (2')
Collection Date: 08/02/2007 Time: 10:40:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / : 0	

Sample: 008 SB-11 (1'-2')
Collection Date: 08/02/2007 Time: 10:40:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Sample: 008 SB-11 (1'-2')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 009 SB-11 (4')
Collection Date: 08/02/2007 Time: 10:45:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 010 SB-11 (3'-4')
Collection Date: 08/02/2007 Time: 10:45:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Sample Not Analyzed						00/00/0000 / :0	

Sample: 011 SB-12 (3')
Collection Date: 08/02/2007 Time: 11:25:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 14:24	
Benzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 14:24	
Toluene	EPA 8021	30.8	ug/Kg	29	NAC	08/09/2007 / 14:24	
Ethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 14:24	
M & P-XYLENE	EPA 8021	59.5	ug/Kg	58	NAC	08/09/2007 / 14:24	
O-XYLENE	EPA 8021	82.1	ug/Kg	29	NAC	08/09/2007 / 14:24	
Isopropylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 14:24	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 14:24	
n-Propylbenzene	EPA 8021	46.1	ug/Kg	29	NAC	08/09/2007 / 14:24	
tert-Butylbenzene	EPA 8021	140	ug/Kg	29	NAC	08/09/2007 / 14:24	
1,2,4-Trimethylbenzene	EPA 8021	142	ug/Kg	29	NAC	08/09/2007 / 14:24	
sec-Butylbenzene	EPA 8021	32.4	ug/Kg	29	NAC	08/09/2007 / 14:24	

Sample: 011 SB-12 (3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 14:24	
n-Butylbenzene	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 14:24	
Naphthalene	EPA 8021	537	ug/Kg	58	NAC	08/09/2007 / 14:24	
TRIFLUOROTOLUENE (SURR)		94.9	%		NAC	08/09/2007 / 14:24	
4-BROMOFLUOROBENZENE (SURR)		91.8	%		NAC	08/09/2007 / 14:24	
Percent Solids	SM 2540G	85.3	%		TLL	08/07/2007 / 7:16	

Sample: 012 SB-12 (2'-3')
Collection Date: 08/02/2007 Time: 11:25:00AM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	2600	ug/Kg	190	NAC	08/09/2007 / 16:12	
2-Methyl Naphthalene	EPA 8270C	1600	ug/Kg	190	NAC	08/09/2007 / 16:12	
Acenaphthylene	EPA 8270C	220	ug/Kg	190	NAC	08/09/2007 / 16:12	
Acenaphthene	EPA 8270C	240	ug/Kg	190	NAC	08/09/2007 / 16:12	
Fluorene	EPA 8270C	320	ug/Kg	190	NAC	08/09/2007 / 16:12	
Phenanthrene	EPA 8270C	1200	ug/Kg	190	NAC	08/09/2007 / 16:12	
Anthracene	EPA 8270C	350	ug/Kg	190	NAC	08/09/2007 / 16:12	
Fluoranthene	EPA 8270C	1300	ug/Kg	190	NAC	08/09/2007 / 16:12	
Pyrene	EPA 8270C	3900	ug/Kg	940	NAC	08/10/2007 / :47	
Benzo(a)anthracene	EPA 8270C	1200	ug/Kg	940	NAC	08/09/2007 / :47	
Chrysene	EPA 8270C	1400	ug/Kg	940	NAC	08/09/2007 / :47	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 16:12	I
Benzo(b)fluoranthene	EPA 8270C	1200	ug/Kg	190	NAC	08/09/2007 / 16:12	I
Benzo(k)fluoranthene	EPA 8270C	1300	ug/Kg	190	NAC	08/09/2007 / 16:12	I
Benzo(a)pyrene	EPA 8270C	1100	ug/Kg	190	NAC	08/09/2007 / 16:12	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 16:12	I
Benzo (g,h,i) perylene	EPA 8270C	600	ug/Kg	190	NAC	08/09/2007 / 16:12	I
NITROBENZENE-D5 (SURR)		80.2	%		NAC	08/09/2007 / 16:12	
2-FLUOROBIPHENYL (SURR)		84.6	%		NAC	08/09/2007 / 16:12	
TERPHENYL-D14 (SURR)		157	%		NAC	08/09/2007 / 16:12	G2
Percent Solids	SM 2540G	88.1	%		TLL	08/07/2007 / 7:16	

Sample: 013 SB-13 (3')
Collection Date: 08/02/2007 **Time:** 11:55:00AM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 16:29	
Benzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 16:29	
Toluene	EPA 8021	175	ug/Kg	28	NAC	08/09/2007 / 16:29	
Ethylbenzene	EPA 8021	186	ug/Kg	28	NAC	08/09/2007 / 16:29	
M & P-XYLENE	EPA 8021	352	ug/Kg	55	NAC	08/09/2007 / 16:29	
O-XYLENE	EPA 8021	184	ug/Kg	28	NAC	08/09/2007 / 16:29	
Isopropylbenzene	EPA 8021	58.0	ug/Kg	28	NAC	08/09/2007 / 16:29	
1,3,5-Trimethylbenzene	EPA 8021	118	ug/Kg	28	NAC	08/09/2007 / 16:29	
n-Propylbenzene	EPA 8021	202	ug/Kg	28	NAC	08/09/2007 / 16:29	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 16:29	
1,2,4-Trimethylbenzene	EPA 8021	718	ug/Kg	28	NAC	08/09/2007 / 16:29	
sec-Butylbenzene	EPA 8021	90.1	ug/Kg	28	NAC	08/09/2007 / 16:29	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 16:29	
n-Butylbenzene	EPA 8021	60.3	ug/kg	28	NAC	08/09/2007 / 16:29	
Naphthalene	EPA 8021	920	ug/Kg	55	NAC	08/09/2007 / 16:29	
TRIFLUOROTOLUENE (SURR)		84.5	%		NAC	08/09/2007 / 16:29	
4-BROMOFLUOROBENZENE (SURR)		83.2	%		NAC	08/09/2007 / 16:29	
Percent Solids	SM 2540G	89.8	%		TLL	08/07/2007 / 7:16	

Sample: 014 SB-13 (2'-3')
Collection Date: 08/02/2007 **Time:** 11:55:00AM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	420	ug/Kg	180	NAC	08/10/2007 / 1:53	
2-Methyl Naphthalene	EPA 8270C	540	ug/Kg	180	NAC	08/10/2007 / 1:53	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	
Fluorene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	
Phenanthrene	EPA 8270C	740	ug/Kg	180	NAC	08/10/2007 / 1:53	

Sample: 014 SB-13 (2'-3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	
Fluoranthene	EPA 8270C	760	ug/Kg	180	NAC	08/10/2007 / 1:53	
Pyrene	EPA 8270C	1400	ug/Kg	180	NAC	08/10/2007 / 1:53	
Benzo(a)anthracene	EPA 8270C	310	ug/Kg	180	NAC	08/10/2007 / 1:53	
Chrysene	EPA 8270C	350	ug/Kg	180	NAC	08/10/2007 / 1:53	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	
Benzo(b)fluoranthene	EPA 8270C	370	ug/Kg	180	NAC	08/10/2007 / 1:53	I
Benzo(k)fluoranthene	EPA 8270C	400	ug/Kg	180	NAC	08/10/2007 / 1:53	I
Benzo(a)pyrene	EPA 8270C	300	ug/Kg	180	NAC	08/10/2007 / 1:53	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	I
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 1:53	I
NITROBENZENE-D5 (SURR)		88.1	%		NAC	08/10/2007 / 1:53	
2-FLUOROBIPHENYL (SURR)		86.6	%		NAC	08/10/2007 / 1:53	
TERPHENYL-D14 (SURR)		176	%		NAC	08/10/2007 / 1:53	G2
Percent Solids	SM 2540G	90.2	%		TLL	08/07/2007 / 7:16	

Sample: 015 SB-13 (5')
Collection Date: 08/02/2007 Time: 12:10:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	31	NAC	08/09/2007 / 17:01	
Benzene	EPA 8021	ND	ug/Kg	31	NAC	08/09/2007 / 17:01	
Toluene	EPA 8021	80.7	ug/Kg	31	NAC	08/09/2007 / 17:01	
Ethylbenzene	EPA 8021	67.8	ug/Kg	31	NAC	08/09/2007 / 17:01	
M & P-XYLENE	EPA 8021	183	ug/Kg	62	NAC	08/09/2007 / 17:01	
O-XYLENE	EPA 8021	114	ug/Kg	31	NAC	08/09/2007 / 17:01	
Isopropylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/09/2007 / 17:01	
1,3,5-Trimethylbenzene	EPA 8021	46.6	ug/Kg	31	NAC	08/09/2007 / 17:01	
n-Propylbenzene	EPA 8021	140	ug/Kg	31	NAC	08/09/2007 / 17:01	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	31	NAC	08/09/2007 / 17:01	
1,2,4-Trimethylbenzene	EPA 8021	434	ug/Kg	31	NAC	08/09/2007 / 17:01	
sec-Butylbenzene	EPA 8021	39.0	ug/Kg	31	NAC	08/09/2007 / 17:01	

Sample: 015 SB-13 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	31	NAC	08/09/2007 / 17:01	
n-Butylbenzene	EPA 8021	ND	ug/kg	31	NAC	08/09/2007 / 17:01	
Naphthalene	EPA 8021	342	ug/Kg	62	NAC	08/09/2007 / 17:01	
TRIFLUOROTOLUENE (SURR)		84.7	%		NAC	08/09/2007 / 17:01	
4-BROMOFLUOROBENZENE (SURR)		85.2	%		NAC	08/09/2007 / 17:01	
Percent Solids	SM 2540G	79.7	%		TLL	08/07/2007 / 7:16	

Sample: 016 SB-13 (4'-6')
Collection Date: 08/02/2007 Time: 12:10:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	1400	ug/Kg	180	NAC	08/10/2007 / 2:26	
2-Methyl Naphthalene	EPA 8270C	990	ug/Kg	180	NAC	08/10/2007 / 2:26	
Acenaphthylene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	
Acenaphthene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	
Fluorene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	
Phenanthrene	EPA 8270C	740	ug/Kg	180	NAC	08/10/2007 / 2:26	
Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	
Fluoranthene	EPA 8270C	680	ug/Kg	180	NAC	08/10/2007 / 2:26	
Pyrene	EPA 8270C	1700	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Benzo(a)anthracene	EPA 8270C	290	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Chrysene	EPA 8270C	320	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Benzo(b)fluoranthene	EPA 8270C	320	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Benzo(k)fluoranthene	EPA 8270C	370	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Benzo(a)pyrene	EPA 8270C	250	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	I
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	180	NAC	08/10/2007 / 2:26	I
NITROBENZENE-D5 (SURR)		84.5	%		NAC	08/10/2007 / 2:26	
2-FLUOROBIPHENYL (SURR)		90.4	%		NAC	08/10/2007 / 2:26	
TERPHENYL-D14 (SURR)		243	%		NAC	08/10/2007 / 2:26	G2
Percent Solids	SM 2540G	89.9	%		TLL	08/07/2007 / 7:16	

Sample: 017 SB-15 (1')
Collection Date: 08/02/2007 Time: 1:40:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 17:32	
Benzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
Toluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
Ethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
M & P-XYLENE	EPA 8021	ND	ug/Kg	56	NAC	08/09/2007 / 17:32	
O-XYLENE	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
Isopropylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
n-Propylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 17:32	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 17:32	
Naphthalene	EPA 8021	ND	ug/Kg	56	NAC	08/09/2007 / 17:32	
TRIFLUOROTOLUENE (SURR)		97.9	%		NAC	08/09/2007 / 17:32	
4-BROMOFLUOROBENZENE (SURR)		99.8	%		NAC	08/09/2007 / 17:32	
Percent Solids	SM 2540G	89.9	%		TLL	08/07/2007 / 7:16	

Sample: 018 SB-15 (1'-2')
Collection Date: 08/02/2007 Time: 1:40:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	380	ug/Kg	170	NAC	08/10/2007 / 1:20	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Acenaphthylene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Acenaphthene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Fluorene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Phenanthrene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	

Sample: 018 SB-15 (1'-2')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Anthracene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Fluoranthene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Pyrene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Chrysene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	I
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	I
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	I
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	170	NAC	08/10/2007 / 1:20	I
NITROBENZENE-D5 (SURR)		88.7	%		NAC	08/10/2007 / 1:20	
2-FLUOROBIPHENYL (SURR)		91.4	%		NAC	08/10/2007 / 1:20	
TERPHENYL-D14 (SURR)		127	%		NAC	08/10/2007 / 1:20	
Percent Solids	SM 2540G	98.0	%		TLL	08/07/2007 / 7:16	

Sample: 019 SB-15 (5')
Collection Date: 08/02/2007 Time: 1:50:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	5200	NAC	08/09/2007 / 20:08	
Benzene	EPA 8021	ND	ug/Kg	5200	NAC	08/09/2007 / 20:08	
Toluene	EPA 8021	133000	ug/Kg	5200	NAC	08/09/2007 / 20:08	
Ethylbenzene	EPA 8021	302000	ug/Kg	5200	NAC	08/09/2007 / 20:08	
M & P-XYLENE	EPA 8021	569000	ug/Kg	10000	NAC	08/09/2007 / 20:08	
O-XYLENE	EPA 8021	245000	ug/Kg	5200	NAC	08/09/2007 / 20:08	
Isopropylbenzene	EPA 8021	10500	ug/Kg	5200	NAC	08/09/2007 / 20:08	
1,3,5-Trimethylbenzene	EPA 8021	17700	ug/Kg	5200	NAC	08/09/2007 / 20:08	
n-Propylbenzene	EPA 8021	128000	ug/Kg	5200	NAC	08/09/2007 / 20:08	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	5200	NAC	08/09/2007 / 20:08	
1,2,4-Trimethylbenzene	EPA 8021	383000	ug/Kg	5200	NAC	08/09/2007 / 20:08	
sec-Butylbenzene	EPA 8021	578000	ug/Kg	5200	NAC	08/09/2007 / 20:08	

Sample: 019 SB-15 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	5200	NAC	08/09/2007 / 20:08	
n-Butylbenzene	EPA 8021	ND	ug/kg	5200	NAC	08/09/2007 / 20:08	
Naphthalene	EPA 8021	1890000	ug/Kg	52000	NAC	08/10/2007 / 11:50	
TRIFLUOROTOLUENE (SURR)		78.1	%		NAC	08/09/2007 / 20:08	
4-BROMOFLUOROBENZENE (SURR)		78.0	%		NAC	08/09/2007 / 20:08	
Percent Solids	SM 2540G	93.1	%		TLL	08/07/2007 / 7:16	

Sample: 020 SB-15 (4'-6')
Collection Date: 08/02/2007 Time: 1:50:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	1600000	ug/Kg	100000	MVP	08/10/2007 / 12:48	
2-Methyl Naphthalene	EPA 8270C	310000	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Acenaphthylene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Acenaphthene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Fluorene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Phenanthrene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Anthracene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Fluoranthene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Pyrene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Chrysene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	I
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	I
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	I
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	51000	MVP	08/10/2007 / 10:54	I
NITROBENZENE-D5 (SURR)		110	%		MVP	08/10/2007 / 10:54	
2-FLUOROBIPHENYL (SURR)		90	%		MVP	08/10/2007 / 10:54	
TERPHENYL-D14 (SURR)		110	%		MVP	08/10/2007 / 10:54	
Percent Solids	SM 2540G	80.7	%		TLL	08/07/2007 / 7:16	

Sample: 021 SB-15 (11') FINGERPRINT
Collection Date: 08/02/2007 **Time:** 1:55:00PM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SLUDGE

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
TPH Fingerprint - Oil/Solid							
Fuel Oil #2	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Fuel Oil #4	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Fuel Oil #6	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Diesel Fuel	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
JP-4 (Aviation Fuel)	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Kerosene	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Gasoline	EPA 8100 Mod	ND	mg/Kg	21.5	NAC	08/07/2007 / :25	
Petroleum Contaminant	EPA 8100 Mod	386	mg/Kg	21.5	NAC	08/07/2007 / :25	
OTP (SURROGATE)		65.7	%		NAC	08/07/2007 / :25	
COD (SURROGATE)		72.0	%		NAC	08/07/2007 / :25	
Percent Solids	SM 2540G	76.4	%		TLL	08/07/2007 / 7:16	

Sample: 022 SB-16 (1')
Collection Date: 08/02/2007 **Time:** 2:10:00PM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	27	NAC	08/09/2007 / 18:03	
Benzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
Toluene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
Ethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
M & P-XYLENE	EPA 8021	ND	ug/Kg	54	NAC	08/09/2007 / 18:03	
O-XYLENE	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
Isopropylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
n-Propylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 18:03	

Sample: 022 SB-16 (1')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
n-Butylbenzene	EPA 8021	ND	ug/kg	27	NAC	08/09/2007 / 18:03	
Naphthalene	EPA 8021	ND	ug/Kg	54	NAC	08/09/2007 / 18:03	
TRIFLUOROTOLUENE (SURR)		98.0	%		NAC	08/09/2007 / 18:03	
4-BROMOFLUOROBENZENE (SURR)		96.7	%		NAC	08/09/2007 / 18:03	
Percent Solids	SM 2540G	91.2	%		TLL	08/07/2007 / 7:16	

Sample: 023 SB-16 (1'-2')
Collection Date: 08/02/2007 Time: 2:10:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	4200	ug/Kg	950	NAC	08/10/2007 / 11:27	
2-Methyl Naphthalene	EPA 8270C	760	ug/Kg	190	NAC	08/10/2007 / 3:31	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	NAC	08/10/2007 / 3:31	
Acenaphthene	EPA 8270C	200	ug/Kg	190	NAC	08/10/2007 / 3:31	
Fluorene	EPA 8270C	210	ug/Kg	190	NAC	08/10/2007 / 3:31	
Phenanthrene	EPA 8270C	1400	ug/Kg	190	NAC	08/10/2007 / 3:31	
Anthracene	EPA 8270C	450	ug/Kg	190	NAC	08/10/2007 / 3:31	
Fluoranthene	EPA 8270C	1700	ug/Kg	190	NAC	08/10/2007 / 3:31	
Pyrene	EPA 8270C	4000	ug/Kg	950	NAC	08/10/2007 / 11:27	
Benzo(a)anthracene	EPA 8270C	1200	ug/Kg	950	NAC	08/10/2007 / 11:27	
Chrysene	EPA 8270C	1400	ug/Kg	950	NAC	08/10/2007 / 11:27	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/10/2007 / 3:31	I
Benzo(b)fluoranthene	EPA 8270C	1400	ug/Kg	950	NAC	08/10/2007 / 11:27	I
Benzo(k)fluoranthene	EPA 8270C	1500	ug/Kg	950	NAC	08/10/2007 / 11:27	I
Benzo(a)pyrene	EPA 8270C	1300	ug/Kg	950	NAC	08/10/2007 / 11:27	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/10/2007 / 3:31	I
Benzo (g,h,i) perylene	EPA 8270C	570	ug/Kg	190	NAC	08/10/2007 / 3:31	I
NITROBENZENE-D5 (SURR)		88.9	%		NAC	08/10/2007 / 3:31	
2-FLUOROBIPHENYL (SURR)		88.9	%		NAC	08/10/2007 / 3:31	
TERPHENYL-D14 (SURR)		173	%		NAC	08/10/2007 / 11:27	G2
Percent Solids	SM 2540G	85.6	%		TLL	08/07/2007 / 7:16	

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00023

Sample: 024 SB-16 (4')
Collection Date: 08/02/2007 **Time:** 2:15:00PM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	30	NAC	08/09/2007 / 18:35	
Benzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
Toluene	EPA 8021	41.2	ug/Kg	30	NAC	08/09/2007 / 18:35	
Ethylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
M & P-XYLENE	EPA 8021	79.4	ug/Kg	60	NAC	08/09/2007 / 18:35	
O-XYLENE	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
Isopropylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
n-Propylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
1,2,4-Trimethylbenzene	EPA 8021	37.8	ug/Kg	30	NAC	08/09/2007 / 18:35	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	30	NAC	08/09/2007 / 18:35	
n-Butylbenzene	EPA 8021	ND	ug/kg	30	NAC	08/09/2007 / 18:35	
Naphthalene	EPA 8021	ND	ug/Kg	60	NAC	08/09/2007 / 18:35	
TRIFLUOROTOLUENE (SURR)		97.2	%		NAC	08/09/2007 / 18:35	
4-BROMOFLUOROBENZENE (SURR)		103	%		NAC	08/09/2007 / 18:35	
Percent Solids	SM 2540G	83.0	%		TLL	08/07/2007 / 7:16	

Sample: 025 SB-16 (3'-4')
Collection Date: 08/02/2007 **Time:** 2:15:00PM **Received Date:** 08/03/2007 **Time:** 9:00:00AM
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	2600	ug/Kg	190	NAC	08/10/2007 / 4:04	
2-Methyl Naphthalene	EPA 8270C	860	ug/Kg	190	NAC	08/10/2007 / 4:04	
Acenaphthylene	EPA 8270C	470	ug/Kg	190	NAC	08/10/2007 / 4:04	
Acenaphthene	EPA 8270C	490	ug/Kg	190	NAC	08/10/2007 / 4:04	
Fluorene	EPA 8270C	590	ug/Kg	190	NAC	08/10/2007 / 4:04	
Phenanthrene	EPA 8270C	2400	ug/Kg	190	NAC	08/10/2007 / 4:04	
Anthracene	EPA 8270C	1200	ug/Kg	190	NAC	08/10/2007 / 4:04	

Sample: 025 SB-16 (3'-4')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Fluoranthene	EPA 8270C	7000	ug/Kg	1900	NAC	08/10/2007 / 12:00	
Pyrene	EPA 8270C	12000	ug/Kg	1900	NAC	08/10/2007 / 12:00	
Benzo(a)anthracene	EPA 8270C	2700	ug/Kg	1900	NAC	08/10/2007 / 12:00	
Chrysene	EPA 8270C	3200	ug/Kg	1900	NAC	08/10/2007 / 12:00	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/10/2007 / 4:04	I
Benzo(b)fluoranthene	EPA 8270C	3400	ug/Kg	1900	NAC	08/10/2007 / 12:00	I
Benzo(k)fluoranthene	EPA 8270C	2800	ug/Kg	1900	NAC	08/10/2007 / 12:00	I
Benzo(a)pyrene	EPA 8270C	2600	ug/Kg	1900	NAC	08/10/2007 / 12:00	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/10/2007 / 4:04	I
Benzo (g,h,i) perylene	EPA 8270C	1300	ug/Kg	190	NAC	08/10/2007 / 4:04	I
NITROBENZENE-D5 (SURR)		80.9	%		NAC	08/10/2007 / 4:04	
2-FLUOROBIPHENYL (SURR)		82.8	%		NAC	08/10/2007 / 4:04	
TERPHENYL-D14 (SURR)		187	%		NAC	08/10/2007 / 4:04	G2
Percent Solids	SM 2540G	88.2	%		TLL	08/07/2007 / 7:16	

Sample: 026 SB-16
Collection Date: 08/02/2007 Time: 3:35:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Water							
Methyl t-butyl ether	EPA 8021	1.49	ug/L	1	NAC	08/08/2007 / 19:19	
Benzene	EPA 8021	1.70	ug/L	1	NAC	08/08/2007 / 19:19	
Toluene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
Ethylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
M & P Xylene	EPA 8021	ND	ug/L	2	NAC	08/08/2007 / 19:19	
O-XYLENE	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
Isopropylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
n-Propylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
tert-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
sec-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
p-Isopropyltoluene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	

Sample: 026 SB-16
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
n-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/08/2007 / 19:19	
Naphthalene	EPA 8021	ND	ug/L	2	NAC	08/08/2007 / 19:19	
TRIFLUOROTOLUENE (SURR)		103	%		NAC	08/08/2007 / 19:19	
4-BROMOFLUOROBENZENE (SURR)		100	%		NAC	08/08/2007 / 19:19	

Sample: 027 SB-16
Collection Date: 08/02/2007 Time: 3:35:00PM **Received Date: 08/03/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Water							
Naphthalene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Acenaphthylene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Acenaphthene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Fluorene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Phenanthrene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Anthracene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Fluoranthene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Pyrene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Chrysene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.6	NAC	08/08/2007 / 23:44	
NITROBENZENE-D5 (SURR)		87.1	%		NAC	08/08/2007 / 23:44	
2-FLUOROBIPHENYL (SURR)		84.3	%		NAC	08/08/2007 / 23:44	
TERPHENYL-D14 (SURR)		86.6	%		NAC	08/08/2007 / 23:44	

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00023

G2 Surrogate recovery was above acceptance limits.

I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 8/10/07

Nicole Cortese, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

0708-023

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DUE DATE: STANDARD
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TEMP UPON RECEIPT: 4.2°C

DATA PACKAGE:

P.O.#

COMPANY: ATC ASSOCIATES

ADDRESS: 104 EAST 25TH STREET, NY, NY

PHONE: 212-353-8280 FAX 1: 212-979-8447 FAX 2:

CLIENT CONTACT: DOUG GLORIE EMAIL:

PROJECT NAME: DOE GARAGE 60 12TH STREET PROJECT NUMBER: 19125-0736 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS-VOC	STARS-SVOC	Notes:
1	SB-09 (3')	S	2	G	1	8/2/07	0910	DG	G	—		X		
2	SB-09 (2'-4')		9				0910		C				X	
3	SB-09 (5')		2				0915		G			X		
4	SB-09 (4'-6')		9				0915		C				X	
5	SB-10 (3')		2				0930		G			X		
6	SB-10 (2'-4')		9				0930		C				X	
7	SB-11 (2')		2				1040		G			X		
8	SB-11 (1-2')		9				1040		C				X	
9	SB-11 (4')		2				1045		G			X		
10	SB-11 (3-4')		9				1045		C				X	
11	SB-12 (3')		2				1125		G			X		
12	SB-12 (2-3')		9				1125		C				X	

SAMPLED BY: (PRINT) DOUG GLORIE	DATE: 8/2/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/2/07
(SIGN)	TIME: 15:45	(SIGN)	TIME: 1610
RELINQUISHED BY: (PRINT) Peter Koledner	DATE: 8/2/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 1610	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE: 8/4	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/3/07
(SIGN)	TIME:	(SIGN)	TIME: 9:00

0708-023

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TEMP UPON RECEIPT: 4.2°C

DATA PACKAGE:

P.O.#

COMPANY: ATC ASSOCIATES

ADDRESS: 104 EAST 25TH STREET, NY, NY

PHONE: 212-353-8280 FAX 1: 212-979-8447 FAX 2:

CLIENT CONTACT: DOUG GLORIE EMAIL: doug.glorie@atcassociates.com

PROJECT NAME: DOE GARAGE 60 12TH ST, PROJECT NUMBER: 19125-0736 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS - VOC	STARS - SVOC	FINGERPRINT	Notes:
13	SB-13 (3')	S	2	G	1	8/2/07	1155	DG	G	—		X			
14	SB-13 (2'-3')		9				1155		C				X		
15	SB-13 (5')		2				1210		G			X			
16	SB-13 (4'-6')		9				1210		C				X		
17	SB-15 (1')		2				1340		G			X			
18	SB-15 (1'-2')		9				1340		C				X		
19	SB-15 (5')		2				1350		G			X			
20	SB-15 (4'-6')		9				1350		C				X		
21	SB-15 (11') FINGERPRINT	SL	9	G	1		1355		G			[illegible]		X	
22	SB-16 (1')	S	2				1410		C			X	[illegible]		
23	SB-16 (1'-2')	S	9				1410		G			[illegible]	X		

SAMPLED BY: (PRINT) DOUG GLORIE	DATE: 8/2/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/2/07
(SIGN)	TIME: 1545	(SIGN) Leona Hedrick	TIME: 1610
RELINQUISHED BY: (PRINT) Pete Kobeler	DATE: 8/2/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 1610	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/3/07
(SIGN)	TIME:	(SIGN) Nicole Cortese	TIME: 9:00

0708-023

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DUE DATE: STANDARD
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TEMP UPON RECEIPT: 4.2°C

DATA PACKAGE:

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COMPANY: ATC ASSOCIATES

ADDRESS: 104 EAST 25th STREET, NY, NY

PHONE: 212-353-8280 FAX 1: 212-979-8447 FAX 2:

CLIENT CONTACT: D. GLORIE EMAIL:

PROJECT NAME: DOE Expansion 60 12th STREET PROJECT NUMBER: 19125-0736 PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STMS-60	STMS-SVOC	Notes:
Z4	SB-16 (4')	S	2	G		8/2/07	1415	~~DG~~	G			X		
Z5	SB-16 (3'-4')	S	9				1415		C				X	
Z6	SB-16	A	40ml				1535			HCl		X		
	SB-16		40ml				1535			HCl		X		
Z7	SB-16	S	1L				1535			—			X	

SAMPLED BY: (PRINT) DOUG GLORIE	DATE: 8/2/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/2/07
(SIGN)	TIME: 1545	(SIGN) Leona Hedrick	TIME: 1610
RELINQUISHED BY: (PRINT)	DATE: 8/2/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 1610	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/3/07
(SIGN)	TIME:	(SIGN) Nicole Cortese	TIME: 9:00

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2 FROM (YOUR NAME)

Phone

Company

Street Address

Room/Floor

City

State

Zip Code

3 SHIPPER BILLING REFERENCE

4 TO (RECIPIENT'S NAME)

Phone

Company

Exact Street Address

Room/Floor

City

State

Zip Code

5 RELEASE SIGNATURE

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- [ ] **Ground** Next business day by **5p.m.**
- [ ] Next Business Day (By 5pm)
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- [ ] Early AM by ____ AM (Must call for prior arrangements)

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7 DECLARED VALUE ($10,000 MAX)

8 C.O.D. SHIPPING

# Of Pieces	1
Weight (Round up to nearest lb)	35 lbs.
(Subject to Reweigh and Dimensional Calculations)	
Routing Code	B6

5310349

5310349

5310349

This Bill of Lading is Subject to *(Terms & Conditions of Contract) Set Forth on REVERSE of Shipper's Copy. Do Not Send Cash or Cash Equivalent.

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FACSIMILE TELECOPY TRANSMISSION

To: Mr. Doug Glorie
ATC Associates

Fax # 212-979-8447

Email: dglorie@tcassociates.com

AmeriSci Job# 0708-00032
Subject: DOE GARAGE: 60 12TH STREET

Date: Friday, August 10, 2007

Time: 2:48:23PM

Comments:

This report consists of 21 pages, including:

Cover Page (Facsimile Telecopy Transmission)	1	pages
Laboratory Report	16	pages
Chain of Custody Record	2	pages
Air bill	1	pages
Sample Receiving Form	1	pages
Miscellaneous	0	pages

AmeriSci Boston
Eight School Street
Weymouth, MA 02189
781-337-9334

Laboratory Report

Report Date 08/10/2007
Workorder No. 0708-00032

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: Mr. Doug Glorie
Subject: DOE GARAGE: 60 12TH STREET

Sample: 001 SB-17 (3')
Collection Date: 08/03/2007 Time: 9:35:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 8:44	
Benzene	EPA 8021	125	ug/Kg	28	NAC	08/09/2007 / 8:44	
Toluene	EPA 8021	212	ug/Kg	28	NAC	08/09/2007 / 8:44	
Ethylbenzene	EPA 8021	136	ug/Kg	28	NAC	08/09/2007 / 8:44	
M & P-XYLENE	EPA 8021	188	ug/Kg	56	NAC	08/09/2007 / 8:44	
O-XYLENE	EPA 8021	62.1	ug/Kg	28	NAC	08/09/2007 / 8:44	
Isopropylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 8:44	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 8:44	
n-Propylbenzene	EPA 8021	43.3	ug/Kg	28	NAC	08/09/2007 / 8:44	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 8:44	
1,2,4-Trimethylbenzene	EPA 8021	106	ug/Kg	28	NAC	08/09/2007 / 8:44	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 8:44	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 8:44	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 8:44	
Naphthalene	EPA 8021	346	ug/Kg	56	NAC	08/09/2007 / 8:44	
TRIFLUOROTOLUENE (SURR)		101	%		NAC	08/09/2007 / 8:44	
4-BROMOFLUOROBENZENE (SURR)		98.1	%		NAC	08/09/2007 / 8:44	
Percent Solids	SM 2540G	86.1	%		TLL	08/08/2007 / 7:29	

Sample: 002 SB-17 (2'-3')
Collection Date: 08/03/2007 Time: 9:35:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected **PQL= Practical Quantitation Limit**

Sample: 002 SB-17 (2'-3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	1000	ug/Kg	190	MVP	08/09/2007 / 3:01	
2-Methyl Naphthalene	EPA 8270C	240	ug/Kg	190	MVP	08/09/2007 / 3:01	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 3:01	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 3:01	
Fluorene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 3:01	
Phenanthrene	EPA 8270C	970	ug/Kg	190	MVP	08/09/2007 / 3:01	
Anthracene	EPA 8270C	310	ug/Kg	190	MVP	08/09/2007 / 3:01	
Fluoranthene	EPA 8270C	1500	ug/Kg	190	MVP	08/09/2007 / 3:01	
Pyrene	EPA 8270C	2600	ug/Kg	940	MVP	08/09/2007 / 19:52	
Benzo(a)anthracene	EPA 8270C	1100	ug/Kg	940	MVP	08/09/2007 / 19:52	
Chrysene	EPA 8270C	1200	ug/Kg	940	MVP	08/09/2007 / 19:52	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 3:01	I
Benzo(b)fluoranthene	EPA 8270C	1000	ug/Kg	940	MVP	08/09/2007 / 19:52	
Benzo(k)fluoranthene	EPA 8270C	960	ug/Kg	940	MVP	08/09/2007 / 19:52	
Benzo(a)pyrene	EPA 8270C	1200	ug/Kg	940	MVP	08/09/2007 / 19:52	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 3:01	I
Benzo (g,h,i) perylene	EPA 8270C	430	ug/Kg	190	MVP	08/09/2007 / 3:01	I
NITROBENZENE-D5 (SURR)		80.9	%		MVP	08/09/2007 / 3:01	
2-FLUOROBIPHENYL (SURR)		82.6	%		MVP	08/09/2007 / 3:01	
TERPHENYL-D14 (SURR)		122	%		MVP	08/09/2007 / 19:52	
Percent Solids	SM 2540G	87.3	%		TLL	08/07/2007 / 7:14	

Sample: 003 SB-18 (3')
Collection Date: 08/03/2007 Time: 10:10:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 9:15	
Benzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
Toluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
Ethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
M & P-XYLENE	EPA 8021	ND	ug/Kg	59	NAC	08/09/2007 / 9:15	

Sample: 003 SB-18 (3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
Isopropylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
n-Propylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 9:15	
n-Butylbenzene	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 9:15	
Naphthalene	EPA 8021	ND	ug/Kg	59	NAC	08/09/2007 / 9:15	
TRIFLUOROTOLUENE (SURR)		107	%		NAC	08/09/2007 / 9:15	
4-BROMOFLUOROBENZENE (SURR)		106	%		NAC	08/09/2007 / 9:15	
Percent Solids	SM 2540G	85.2	%		TLL	08/08/2007 / 7:29	

Sample: 004 SB-18 (2'-3')
Collection Date: 08/03/2007 Time: 10:10:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	470	ug/Kg	190	MVP	08/09/2007 / 22:36	
2-Methyl Naphthalene	EPA 8270C	240	ug/Kg	190	MVP	08/09/2007 / 22:36	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 22:36	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 22:36	
Fluorene	EPA 8270C	220	ug/Kg	190	MVP	08/09/2007 / 22:36	
Phenanthrene	EPA 8270C	1100	ug/Kg	190	MVP	08/09/2007 / 22:36	
Anthracene	EPA 8270C	370	ug/Kg	190	MVP	08/09/2007 / 22:36	
Fluoranthene	EPA 8270C	1200	ug/Kg	190	MVP	08/09/2007 / 22:36	
Pyrene	EPA 8270C	1500	ug/Kg	190	MVP	08/09/2007 / 22:36	
Benzo(a)anthracene	EPA 8270C	630	ug/Kg	190	MVP	08/09/2007 / 22:36	
Chrysene	EPA 8270C	680	ug/Kg	190	MVP	08/09/2007 / 22:36	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 22:36	
Benzo(b)fluoranthene	EPA 8270C	780	ug/Kg	190	MVP	08/09/2007 / 22:36	I
Benzo(k)fluoranthene	EPA 8270C	690	ug/Kg	190	MVP	08/09/2007 / 22:36	I

Sample: 004 SB-18 (2'-3')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	660	ug/Kg	190	MVP	08/09/2007 / 22:36	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	MVP	08/09/2007 / 22:36	I
Benzo (g,h,i) perylene	EPA 8270C	200	ug/Kg	190	MVP	08/09/2007 / 22:36	I
NITROBENZENE-D5 (SURR)		87.1	%		MVP	08/09/2007 / 22:36	
2-FLUOROBIPHENYL (SURR)		85.7	%		MVP	08/09/2007 / 22:36	
TERPHENYL-D14 (SURR)		115	%		MVP	08/09/2007 / 22:36	
Percent Solids	SM 2540G	87.6	%		TLL	08/07/2007 / 7:14	

Sample: 005 SB-19 (3')
Collection Date: 08/03/2007 Time: 10:45:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 9:46	
Benzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
Toluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
Ethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
M & P-XYLENE	EPA 8021	66.7	ug/Kg	55	NAC	08/09/2007 / 9:46	
O-XYLENE	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
Isopropylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
n-Propylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
1,2,4-Trimethylbenzene	EPA 8021	59.5	ug/Kg	28	NAC	08/09/2007 / 9:46	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 9:46	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 9:46	
Naphthalene	EPA 8021	263	ug/Kg	55	NAC	08/09/2007 / 9:46	
TRIFLUOROTOLUENE (SURR)		104	%		NAC	08/09/2007 / 9:46	
4-BROMOFLUOROBENZENE (SURR)		103	%		NAC	08/09/2007 / 9:46	
Percent Solids	SM 2540G	89.6	%		TLL	08/08/2007 / 7:29	

AMERI SCI

Customer: ATC Associates

Workorder No. 0708-00032

Sample: 006 SB-19 (2'-4')
Collection Date: 08/03/2007 Time: 10:45:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	4000	ug/Kg	1900	MVP	08/09/2007 / 20:24	
2-Methyl Naphthalene	EPA 8270C	550	ug/Kg	190	MVP	08/09/2007 / 4:07	
Acenaphthylene	EPA 8270C	220	ug/Kg	190	MVP	08/09/2007 / 4:07	
Acenaphthene	EPA 8270C	700	ug/Kg	190	MVP	08/09/2007 / 4:07	
Fluorene	EPA 8270C	620	ug/Kg	190	MVP	08/09/2007 / 4:07	
Phenanthrene	EPA 8270C	4600	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Anthracene	EPA 8270C	990	ug/Kg	190	MVP	08/09/2007 / 4:07	
Fluoranthene	EPA 8270C	6200	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Pyrene	EPA 8270C	6600	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Benzo(a)anthracene	EPA 8270C	2800	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Chrysene	EPA 8270C	3100	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	190	ug/Kg	190	MVP	08/09/2007 / 4:07	I
Benzo(b)fluoranthene	EPA 8270C	2500	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Benzo(k)fluoranthene	EPA 8270C	2500	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Benzo(a)pyrene	EPA 8270C	2700	ug/Kg	1900	MVP	08/09/2007 / 20:24	
Dibenzo(a,h)Anthracene	EPA 8270C	290	ug/Kg	190	MVP	08/09/2007 / 4:07	I
Benzo (g,h,i) perylene	EPA 8270C	820	ug/Kg	190	MVP	08/09/2007 / 4:07	I
NITROBENZENE-D5 (SURR)		76.3	%		MVP	08/09/2007 / 4:07	
2-FLUOROBIPHENYL (SURR)		78.1	%		MVP	08/09/2007 / 4:07	
TERPHENYL-D14 (SURR)		111	%		MVP	08/09/2007 / 20:24	
Percent Solids	SM 2540G	85.6	%		TLL	08/07/2007 / 7:14	

Sample: 007 SB-19 (4.5')
Collection Date: 08/03/2007 Time: 10:50:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 10:17	
Benzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
Toluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
Ethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
M & P-XYLENE	EPA 8021	ND	ug/Kg	57	NAC	08/09/2007 / 10:17	

Sample: 007 SB-19 (4.5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
Isopropylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
n-Propylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 10:17	
n-Butylbenzene	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 10:17	
Naphthalene	EPA 8021	ND	ug/Kg	57	NAC	08/09/2007 / 10:17	
TRIFLUOROTOLUENE (SURR)		98.2	%		NAC	08/09/2007 / 10:17	
4-BROMOFLUOROBENZENE (SURR)		102	%		NAC	08/09/2007 / 10:17	
Percent Solids	SM 2540G	86.6	%		TLL	08/08/2007 / 7:29	

Sample: 008 SB-19 (4'-5')
Collection Date: 08/03/2007 Time: 10:50:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	330	ug/Kg	220	NAC	08/09/2007 / 11:11	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	220	NAC	08/09/2007 / 11:11	
Acenaphthylene	EPA 8270C	ND	ug/Kg	220	NAC	08/09/2007 / 11:11	
Acenaphthene	EPA 8270C	750	ug/Kg	220	NAC	08/09/2007 / 11:11	
Fluorene	EPA 8270C	680	ug/Kg	220	NAC	08/09/2007 / 11:11	
Phenanthrene	EPA 8270C	5600	ug/Kg	1100	NAC	08/09/2007 / 19:19	
Anthracene	EPA 8270C	1200	ug/Kg	220	NAC	08/09/2007 / 11:11	
Fluoranthene	EPA 8270C	6200	ug/Kg	1100	NAC	08/09/2007 / 19:19	
Pyrene	EPA 8270C	6600	ug/Kg	1100	NAC	08/09/2007 / 19:19	
Benzo(a)anthracene	EPA 8270C	2300	ug/Kg	220	NAC	08/09/2007 / 11:11	
Chrysene	EPA 8270C	2400	ug/Kg	220	NAC	08/09/2007 / 11:11	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	220	ug/Kg	220	NAC	08/09/2007 / 11:11	
Benzo(b)fluoranthene	EPA 8270C	1900	ug/Kg	1100	NAC	08/09/2007 / 19:19	
Benzo(k)fluoranthene	EPA 8270C	2000	ug/Kg	1100	NAC	08/09/2007 / 19:19	

Sample: 008 SB-19 (4'-5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	2500	ug/Kg	1100	NAC	08/09/2007 / 19:19	
Dibenzo(a,h)Anthracene	EPA 8270C	250	ug/Kg	220	NAC	08/09/2007 / 11:11	I
Benzo (g,h,i) perylene	EPA 8270C	1400	ug/Kg	1100	NAC	08/09/2007 / 19:19	
NITROBENZENE-D5 (SURR)		84.7	%		NAC	08/09/2007 / 11:11	
2-FLUOROBIPHENYL (SURR)		85.8	%		NAC	08/09/2007 / 11:11	
TERPHENYL-D14 (SURR)		119	%		NAC	08/09/2007 / 19:19	
Percent Solids	SM 2540G	76.4	%		TLL	08/07/2007 / 7:14	

Sample: 009 SB-20 (3')
Collection Date: 08/03/2007 Time: 11:30:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 10:47	
Benzene	EPA 8021	71.0	ug/Kg	28	NAC	08/09/2007 / 10:47	
Toluene	EPA 8021	50.2	ug/Kg	28	NAC	08/09/2007 / 10:47	
Ethylbenzene	EPA 8021	51.6	ug/Kg	28	NAC	08/09/2007 / 10:47	
M & P-XYLENE	EPA 8021	101	ug/Kg	56	NAC	08/09/2007 / 10:47	
O-XYLENE	EPA 8021	39.3	ug/Kg	28	NAC	08/09/2007 / 10:47	
Isopropylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 10:47	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 10:47	
n-Propylbenzene	EPA 8021	32.1	ug/Kg	28	NAC	08/09/2007 / 10:47	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 10:47	
1,2,4-Trimethylbenzene	EPA 8021	66.4	ug/Kg	28	NAC	08/09/2007 / 10:47	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 10:47	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	28	NAC	08/09/2007 / 10:47	
n-Butylbenzene	EPA 8021	ND	ug/kg	28	NAC	08/09/2007 / 10:47	
Naphthalene	EPA 8021	77.8	ug/Kg	56	NAC	08/09/2007 / 10:47	
TRIFLUOROTOLUENE (SURR)		107	%		NAC	08/09/2007 / 10:47	
4-BROMOFLUOROBENZENE (SURR)		106	%		NAC	08/09/2007 / 10:47	
Percent Solids	SM 2540G	88.4	%		TLL	08/08/2007 / 7:29	

Sample: 010 SB-20 (2'-4')
Collection Date: 08/03/2007 Time: 11:30:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	1400	ug/Kg	190	NAC	08/09/2007 / 11:44	
2-Methyl Naphthalene	EPA 8270C	550	ug/Kg	190	NAC	08/09/2007 / 11:44	
Acenaphthylene	EPA 8270C	580	ug/Kg	190	NAC	08/09/2007 / 11:44	
Acenaphthene	EPA 8270C	1500	ug/Kg	190	NAC	08/09/2007 / 11:44	
Fluorene	EPA 8270C	1500	ug/Kg	190	NAC	08/09/2007 / 11:44	
Phenanthrene	EPA 8270C	23000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Anthracene	EPA 8270C	6600	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Fluoranthene	EPA 8270C	48000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Pyrene	EPA 8270C	57000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Benzo(a)anthracene	EPA 8270C	27000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Chrysene	EPA 8270C	27000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	8000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Benzo(b)fluoranthene	EPA 8270C	24000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Benzo(k)fluoranthene	EPA 8270C	21000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Benzo(a)pyrene	EPA 8270C	26000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
Dibenzo(a,h)Anthracene	EPA 8270C	2600	ug/Kg	190	NAC	08/09/2007 / 11:44	I
Benzo (g,h,i) perylene	EPA 8270C	10000	ug/Kg	4700	NAC	08/09/2007 / 20:57	
NITROBENZENE-D5 (SURR)		79.4	%		NAC	08/09/2007 / 11:44	
2-FLUOROBIPHENYL (SURR)		82.5	%		NAC	08/09/2007 / 11:44	
TERPHENYL-D14 (SURR)		132	%		NAC	08/09/2007 / 20:57	
Percent Solids	SM 2540G	87.4	%		TLL	08/07/2007 / 7:14	

Sample: 011 SB-20 (5')
Collection Date: 08/03/2007 Time: 11:40:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	27	NAC	08/09/2007 / 11:18	
Benzene	EPA 8021	42.5	ug/Kg	27	NAC	08/09/2007 / 11:18	
Toluene	EPA 8021	58.6	ug/Kg	27	NAC	08/09/2007 / 11:18	
Ethylbenzene	EPA 8021	51.0	ug/Kg	27	NAC	08/09/2007 / 11:18	
M & P-XYLENE	EPA 8021	141	ug/Kg	55	NAC	08/09/2007 / 11:18	

Sample: 011 SB-20 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	46.3	ug/Kg	27	NAC	08/09/2007 / 11:18	
Isopropylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 11:18	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 11:18	
n-Propylbenzene	EPA 8021	34.6	ug/Kg	27	NAC	08/09/2007 / 11:18	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 11:18	
1,2,4-Trimethylbenzene	EPA 8021	82.7	ug/Kg	27	NAC	08/09/2007 / 11:18	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 11:18	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	27	NAC	08/09/2007 / 11:18	
n-Butylbenzene	EPA 8021	ND	ug/kg	27	NAC	08/09/2007 / 11:18	
Naphthalene	EPA 8021	95.5	ug/Kg	55	NAC	08/09/2007 / 11:18	
TRIFLUOROTOLUENE (SURR)		107	%		NAC	08/09/2007 / 11:18	
4-BROMOFLUOROBENZENE (SURR)		105	%		NAC	08/09/2007 / 11:18	
Percent Solids	SM 2540G	86.8	%		TLL	08/08/2007 / 7:29	

Sample: 012 SB-20 (4'-5')
Collection Date: 08/03/2007 Time: 11:40:00AM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	
Acenaphthylene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	
Fluorene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	
Phenanthrene	EPA 8270C	1000	ug/Kg	200	NAC	08/09/2007 / 12:17	
Anthracene	EPA 8270C	250	ug/Kg	200	NAC	08/09/2007 / 12:17	
Fluoranthene	EPA 8270C	2000	ug/Kg	990	NAC	08/09/2007 / 18:46	
Pyrene	EPA 8270C	2200	ug/Kg	990	NAC	08/09/2007 / 18:46	
Benzo(a)anthracene	EPA 8270C	810	ug/Kg	200	NAC	08/09/2007 / 12:17	I
Chrysene	EPA 8270C	1000	ug/Kg	990	NAC	08/09/2007 / 18:46	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	I
Benzo(b)fluoranthene	EPA 8270C	890	ug/Kg	200	NAC	08/09/2007 / 12:17	I
Benzo(k)fluoranthene	EPA 8270C	900	ug/Kg	200	NAC	08/09/2007 / 12:17	I

Sample: 012 SB-20 (4'-5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	780	ug/Kg	200	NAC	08/09/2007 / 12:17	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:17	I
Benzo (g,h,i) perylene	EPA 8270C	370	ug/Kg	200	NAC	08/09/2007 / 12:17	I
NITROBENZENE-D5 (SURR)		71.1	%		NAC	08/09/2007 / 12:17	
2-FLUOROBIPHENYL (SURR)		76.5	%		NAC	08/09/2007 / 12:17	
TERPHENYL-D14 (SURR)		108	%		NAC	08/09/2007 / 18:46	
Percent Solids	SM 2540G	83.8	%		TLL	08/07/2007 / 7:14	

Sample: 013 SB-21 (4')
Collection Date: 08/03/2007 Time: 12:20:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 11:49	
Benzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
Toluene	EPA 8021	33.3	ug/Kg	29	NAC	08/09/2007 / 11:49	
Ethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
M & P-XYLENE	EPA 8021	93.2	ug/Kg	57	NAC	08/09/2007 / 11:49	
O-XYLENE	EPA 8021	43.5	ug/Kg	29	NAC	08/09/2007 / 11:49	
Isopropylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
n-Propylbenzene	EPA 8021	32.9	ug/Kg	29	NAC	08/09/2007 / 11:49	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
1,2,4-Trimethylbenzene	EPA 8021	56.0	ug/Kg	29	NAC	08/09/2007 / 11:49	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 11:49	
n-Butylbenzene	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 11:49	
Naphthalene	EPA 8021	ND	ug/Kg	57	NAC	08/09/2007 / 11:49	
TRIFLUOROTOLUENE (SURR)		107	%		NAC	08/09/2007 / 11:49	
4-BROMOFLUOROBENZENE (SURR)		104	%		NAC	08/09/2007 / 11:49	
Percent Solids	SM 2540G	86.8	%		TLL	08/08/2007 / 7:29	

Sample: 014 SB-21 (2'-4')
Collection Date: 08/03/2007 Time: 12:20:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
2-Methyl Naphthalene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Acenaphthylene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Acenaphthene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Fluorene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Phenanthrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Benzo(a)anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Chrysene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Benzo(a)pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 17:40	
NITROBENZENE-D5 (SURR)		82.7	%		NAC	08/09/2007 / 17:40	
2-FLUOROBIPHENYL (SURR)		83.1	%		NAC	08/09/2007 / 17:40	
TERPHENYL-D14 (SURR)		93.2	%		NAC	08/09/2007 / 17:40	
Percent Solids	SM 2540G	88.1	%		TLL	08/07/2007 / 7:14	

Sample: 015 SB-21 (6')
Collection Date: 08/03/2007 Time: 12:30:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	120	NAC	08/09/2007 / 12:20	
Benzene	EPA 8021	ND	ug/Kg	120	NAC	08/09/2007 / 12:20	
Toluene	EPA 8021	371	ug/Kg	120	NAC	08/09/2007 / 12:20	
Ethylbenzene	EPA 8021	267	ug/Kg	120	NAC	08/09/2007 / 12:20	
M & P-XYLENE	EPA 8021	1320	ug/Kg	240	NAC	08/09/2007 / 12:20	

Sample: 015 SB-21 (6')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	852	ug/Kg	120	NAC	08/09/2007 / 12:20	
Isopropylbenzene	EPA 8021	ND	ug/Kg	120	NAC	08/09/2007 / 12:20	
1,3,5-Trimethylbenzene	EPA 8021	300	ug/Kg	120	NAC	08/09/2007 / 12:20	
n-Propylbenzene	EPA 8021	687	ug/Kg	120	NAC	08/09/2007 / 12:20	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	120	NAC	08/09/2007 / 12:20	
1,2,4-Trimethylbenzene	EPA 8021	1940	ug/Kg	120	NAC	08/09/2007 / 12:20	
sec-Butylbenzene	EPA 8021	1760	ug/Kg	120	NAC	08/09/2007 / 12:20	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	120	NAC	08/09/2007 / 12:20	
n-Butylbenzene	EPA 8021	ND	ug/kg	120	NAC	08/09/2007 / 12:20	
Naphthalene	EPA 8021	3270	ug/Kg	240	NAC	08/09/2007 / 12:20	
TRIFLUOROTOLUENE (SURR)		79.1	%		NAC	08/09/2007 / 12:20	
4-BROMOFLUOROBENZENE (SURR)		76.2	%		NAC	08/09/2007 / 12:20	
Percent Solids	SM 2540G	82.7	%		TLL	08/08/2007 / 7:29	

Sample: 016 SB-21 (4'-6')
Collection Date: 08/03/2007 Time: 12:30:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	340	ug/Kg	200	NAC	08/09/2007 / 12:54	
2-Methyl Naphthalene	EPA 8270C	540	ug/Kg	200	NAC	08/09/2007 / 12:54	
Acenaphthylene	EPA 8270C	220	ug/Kg	200	NAC	08/09/2007 / 12:54	
Acenaphthene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:54	
Fluorene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:54	
Phenanthrene	EPA 8270C	1300	ug/Kg	200	NAC	08/09/2007 / 12:54	
Anthracene	EPA 8270C	350	ug/Kg	200	NAC	08/09/2007 / 12:54	
Fluoranthene	EPA 8270C	950	ug/Kg	200	NAC	08/09/2007 / 12:54	
Pyrene	EPA 8270C	2100	ug/Kg	980	NAC	08/09/2007 / 21:30	
Benzo(a)anthracene	EPA 8270C	690	ug/Kg	200	NAC	08/09/2007 / 12:54	I
Chrysene	EPA 8270C	1000	ug/Kg	980	NAC	08/09/2007 / 21:30	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:54	I
Benzo(b)fluoranthene	EPA 8270C	740	ug/Kg	200	NAC	08/09/2007 / 12:54	I
Benzo(k)fluoranthene	EPA 8270C	620	ug/Kg	200	NAC	08/09/2007 / 12:54	I

Sample: 016 SB-21 (4'-6')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	620	ug/Kg	200	NAC	08/09/2007 / 12:54	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 12:54	I
Benzo (g,h,i) perylene	EPA 8270C	490	ug/Kg	200	NAC	08/09/2007 / 12:54	I
NITROBENZENE-D5 (SURR)		76.1	%		NAC	08/09/2007 / 12:54	
2-FLUOROBIPHENYL (SURR)		77.0	%		NAC	08/09/2007 / 12:54	
TERPHENYL-D14 (SURR)		119	%		NAC	08/09/2007 / 21:30	
Percent Solids	SM 2540G	84.3	%		TLL	08/07/2007 / 7:14	

Sample: 017 SB-22 (3')
Collection Date: 08/03/2007 Time: 1:45:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 12:51	
Benzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
Toluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
Ethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
M & P-XYLENE	EPA 8021	ND	ug/Kg	59	NAC	08/09/2007 / 12:51	
O-XYLENE	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
Isopropylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
n-Propylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
1,2,4-Trimethylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
sec-Butylbenzene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	29	NAC	08/09/2007 / 12:51	
n-Butylbenzene	EPA 8021	ND	ug/kg	29	NAC	08/09/2007 / 12:51	
Naphthalene	EPA 8021	ND	ug/Kg	59	NAC	08/09/2007 / 12:51	
TRIFLUOROTOLUENE (SURR)		105	%		NAC	08/09/2007 / 12:51	
4-BROMOFLUOROBENZENE (SURR)		103	%		NAC	08/09/2007 / 12:51	
Percent Solids	SM 2540G	85.0	%		TLL	08/08/2007 / 7:29	

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Sample: 018 SB-22 (3'-4')
Collection Date: 08/03/2007 Time: 1:45:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	640	ug/Kg	200	NAC	08/09/2007 / 13:27	
2-Methyl Naphthalene	EPA 8270C	350	ug/Kg	200	NAC	08/09/2007 / 13:27	
Acenaphthylene	EPA 8270C	330	ug/Kg	200	NAC	08/09/2007 / 13:27	
Acenaphthene	EPA 8270C	500	ug/Kg	200	NAC	08/09/2007 / 13:27	
Fluorene	EPA 8270C	530	ug/Kg	200	NAC	08/09/2007 / 13:27	
Phenanthrene	EPA 8270C	1800	ug/Kg	200	NAC	08/09/2007 / 13:27	
Anthracene	EPA 8270C	430	ug/Kg	200	NAC	08/09/2007 / 13:27	
Fluoranthene	EPA 8270C	2000	ug/Kg	200	NAC	08/09/2007 / 13:27	
Pyrene	EPA 8270C	3700	ug/Kg	990	NAC	08/09/2007 / 22:03	
Benzo(a)anthracene	EPA 8270C	1600	ug/Kg	990	NAC	08/09/2007 / 22:03	
Chrysene	EPA 8270C	1800	ug/Kg	990	NAC	08/09/2007 / 22:03	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 13:27	I
Benzo(b)fluoranthene	EPA 8270C	1900	ug/Kg	990	NAC	08/09/2007 / 22:03	
Benzo(k)fluoranthene	EPA 8270C	1600	ug/Kg	990	NAC	08/09/2007 / 22:03	
Benzo(a)pyrene	EPA 8270C	1800	ug/Kg	990	NAC	08/09/2007 / 22:03	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	200	NAC	08/09/2007 / 13:27	I
Benzo (g,h,i) perylene	EPA 8270C	780	ug/Kg	200	NAC	08/09/2007 / 13:27	I
NITROBENZENE-D5 (SURR)		85.5	%		NAC	08/09/2007 / 13:27	
2-FLUOROBIPHENYL (SURR)		86.9	%		NAC	08/09/2007 / 13:27	
TERPHENYL-D14 (SURR)		123	%		NAC	08/09/2007 / 22:03	
Percent Solids	SM 2540G	82.9	%		TLL	08/07/2007 / 7:14	

Sample: 019 SB-23 (5')
Collection Date: 08/03/2007 Time: 2:50:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Soil							
Methyl t-butyl ether	EPA 8021	ND	ug/kg	580	NAC	08/09/2007 / 19:37	
Benzene	EPA 8021	ND	ug/Kg	580	NAC	08/09/2007 / 19:37	
Toluene	EPA 8021	ND	ug/Kg	580	NAC	08/09/2007 / 19:37	
Ethylbenzene	EPA 8021	5550	ug/Kg	580	NAC	08/09/2007 / 19:37	
M & P-XYLENE	EPA 8021	2060	ug/Kg	1200	NAC	08/09/2007 / 19:37	

Sample: 019 SB-23 (5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
O-XYLENE	EPA 8021	2630	ug/Kg	580	NAC	08/09/2007 / 19:37	
Isopropylbenzene	EPA 8021	2030	ug/Kg	580	NAC	08/09/2007 / 19:37	
1,3,5-Trimethylbenzene	EPA 8021	830	ug/Kg	580	NAC	08/09/2007 / 19:37	
n-Propylbenzene	EPA 8021	1180	ug/Kg	580	NAC	08/09/2007 / 19:37	
tert-Butylbenzene	EPA 8021	ND	ug/Kg	580	NAC	08/09/2007 / 19:37	
1,2,4-Trimethylbenzene	EPA 8021	12500	ug/Kg	580	NAC	08/09/2007 / 19:37	
sec-Butylbenzene	EPA 8021	2170	ug/Kg	580	NAC	08/09/2007 / 19:37	
p-Isopropyltoluene	EPA 8021	ND	ug/Kg	580	NAC	08/09/2007 / 19:37	
n-Butylbenzene	EPA 8021	ND	ug/kg	580	NAC	08/09/2007 / 19:37	
Naphthalene	EPA 8021	75300	ug/Kg	1200	NAC	08/09/2007 / 19:37	
TRIFLUOROTOLUENE (SURR)		81.8	%		NAC	08/09/2007 / 19:37	
4-BROMOFLUOROBENZENE (SURR)		78.9	%		NAC	08/09/2007 / 19:37	
Percent Solids	SM 2540G	83.9	%		TLL	08/08/2007 / 7:29	

Sample: 020 SB-23 (4'-5')
Collection Date: 08/03/2007 Time: 2:50:00PM **Received Date: 08/04/2007 Time: 1:00:00PM**
Matrix: SOIL

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Soil							
Naphthalene	EPA 8270C	49000	ug/Kg	4700	NAC	08/09/2007 / 18:13	
2-Methyl Naphthalene	EPA 8270C	12000	ug/Kg	4700	NAC	08/09/2007 / 18:13	
Acenaphthylene	EPA 8270C	380	ug/Kg	190	NAC	08/09/2007 / 14:00	
Acenaphthene	EPA 8270C	970	ug/Kg	190	NAC	08/09/2007 / 14:00	
Fluorene	EPA 8270C	980	ug/Kg	190	NAC	08/09/2007 / 14:00	
Phenanthrene	EPA 8270C	1900	ug/Kg	190	NAC	08/09/2007 / 14:00	
Anthracene	EPA 8270C	490	ug/Kg	190	NAC	08/09/2007 / 14:00	
Fluoranthene	EPA 8270C	1200	ug/Kg	190	NAC	08/09/2007 / 14:00	
Pyrene	EPA 8270C	2300	ug/Kg	4700	NAC	08/09/2007 / 14:00	J
Benzo(a)anthracene	EPA 8270C	680	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Chrysene	EPA 8270C	740	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Benzo(b)fluoranthene	EPA 8270C	800	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Benzo(k)fluoranthene	EPA 8270C	770	ug/Kg	190	NAC	08/09/2007 / 14:00	I

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Workorder No. 0708-00032

Sample: 020 SB-23 (4'-5')
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Benzo(a)pyrene	EPA 8270C	640	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/Kg	190	NAC	08/09/2007 / 14:00	I
Benzo (g,h,i) perylene	EPA 8270C	320	ug/Kg	190	NAC	08/09/2007 / 14:00	I
NITROBENZENE-D5 (SURR)		116	%		NAC	08/09/2007 / 14:00	
2-FLUOROBIPHENYL (SURR)		84.2	%		NAC	08/09/2007 / 14:00	
TERPHENYL-D14 (SURR)		124	%		NAC	08/09/2007 / 18:13	
Percent Solids	SM 2540G	86.4	%		TLL	08/07/2007 / 7:14	

I Internal Standard recovery was outside of method limits. Matrix interference was confirmed by reanalysis.

J Estimated value. Analyte detected at a level less than the Practical Quantitation Limit (PQL) and greater than or equal to the Method Detection Limit (MDL).

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 8/10/07

Nicole Cortese, Environmental Laboratory Manager

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

0708-032

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DUE DATE: STANDARD
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COMPANY: ATC ASSOCIATES

ADDRESS: 104 EAST 25th ST, NY, NY

PHONE: 212-353-8280 FAX 1: 212-979-8447 FAX 2:

CLIENT CONTACT: D. Glorie EMAIL: dglorie@atcassociates

PROJECT NAME: DOE GARAGE 60 12th STREET PROJECT NUMBER: PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS-VOC	STARS-SVOC	Notes:
1	SB-17 (3')	S	2	G	1	8/3/07	0935	~~DG~~	G	T		X		
2	SB-17 (2'-3')		9				0935		C				X	
3	SB-18 (3')		2				1010		G			X		
4	SB-18 (2'-3')		9				1010		C				X	
5	SB-19 (3')		2				1045		G			X		
6	SB-19 (2'-4')		9				1045		C				X	
7	SB-19 (4.5')		2				1050		G			X		
8	SB-19 (4'-5')		9				1050		C				X	
9	SB-20 (3')		2				1130		G			X		
10	SB-20 (2'-4')		9				1130		C				X	
11	SB-20 (5')		2				1140		G			X		
12	SB-20 (4'-5')	↓	9	↓	↓	↓	1140	↓	C	↓			X	

SAMPLED BY: (PRINT) Doug Glorie	DATE: 8/3/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/3/07
(SIGN)	TIME: 15:30	(SIGN) Leona Hedrick	TIME: 1530
RELINQUISHED BY: (PRINT) Peter Kolodny	DATE: 8/3/07	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME: 15:45	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/4/07
(SIGN)	TIME:	(SIGN) Nicole Cortese	TIME: 1300

0708-052

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P.O.#

COMPANY: ATC

ADDRESS: 104 E 25th, NY, NY

PHONE: (212) 353-8280 **FAX 1:** (212) 979-8447 **FAX 2:**

CLIENT CONTACT: Doug Glorie **EMAIL:** doug.glorie@atcassociates.com

PROJECT NAME: DOE Garage 60 12th St Brooklyn **PROJECT NUMBER:** **PROJECT STATE:** NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS VOC	STARS SVOC	Notes:
S 13	SB-21 (4')	S	2	9	1	8/3/07	1220	DG	G			X		
14	SB-21 (2'-4')		9				1220		C				X	
15	SB-21 (6')		2				1230		G			X		
16	SB-21 (4'-6')		9				1230		C				X	
17	SB-22 (3')		2				1345		G			X		
18	SB-22 (3'-4')		9				1345		C				X	
19	SB-23 (5')		2				1450		G			X		
20	SB-23 (4'-5')		9				1450		C				X	

SAMPLED BY: (PRINT) Peter Kolodner	DATE: 8/3/07	RECEIVED BY: (PRINT) Leona Hedrick	DATE: 8/3/07
(SIGN)	TIME: 15:45	(SIGN) Leona Hedrick	TIME: 1930
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Nicole Cortese	DATE: 8/4/07
(SIGN)	TIME:	(SIGN) Nicole Cortese	TIME: 1300

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Laboratory Report

Report Date 08/15/2007
Workorder No. 0708-00082

Customer: ATC Associates
104 East 25th Street
New York, NY 10010

Attention: Mr. Doug Glorie
Subject: DOE GARAGE: 60 12TH STREET

Sample: 001 MW-01
Collection Date: 08/09/2007 Time: 10:55:00AM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Water							
Methyl t-butyl ether	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
Benzene	EPA 8021	11.8	ug/L	1	NAC	08/14/2007 / 11:16	
Toluene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
Ethylbenzene	EPA 8021	1.31	ug/L	1	NAC	08/14/2007 / 11:16	
M & P Xylene	EPA 8021	2.02	ug/L	2	NAC	08/14/2007 / 11:16	
O-XYLENE	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
Isopropylbenzene	EPA 8021	1.04	ug/L	1	NAC	08/14/2007 / 11:16	
1,3,5-Trimethylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
n-Propylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
tert-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
1,2,4-Trimethylbenzene	EPA 8021	2.32	ug/L	1	NAC	08/14/2007 / 11:16	
sec-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
p-Isopropyltoluene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
n-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:16	
Naphthalene	EPA 8021	4.97	ug/L	2	NAC	08/14/2007 / 11:16	
TRIFLUOROTOLUENE (SURR)		110	%		NAC	08/14/2007 / 11:16	
4-BROMOFLUOROBENZENE (SURR)		110	%		NAC	08/14/2007 / 11:16	

Sample: 002 MW-01
Collection Date: 08/09/2007 Time: 10:55:00AM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Water							

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

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Customer: ATC Associates

Workorder No. 0708-00082

Sample: 002 MW-01
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	8.09	ug/L	5.0	MVP	08/15/2007 / 15:25	
2-Methylnaphthalene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Acenaphthylene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Acenaphthene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Fluorene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Phenanthrene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Chrysene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.0	MVP	08/15/2007 / 15:25	
NITROBENZENE-D5 (SURR)		111	%		MVP	08/15/2007 / 15:25	
2-FLUOROBIPHENYL (SURR)		58.2	%		MVP	08/15/2007 / 15:25	
TERPHENYL-D14 (SURR)		74.0	%		MVP	08/15/2007 / 15:25	

Sample: 003 MW-02
Collection Date: 08/09/2007 Time: 12:10:00PM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Water							
Methyl t-butyl ether	EPA 8021	10.6	ug/L	10	NAC	08/14/2007 / 13:59	
Benzene	EPA 8021	244	ug/L	10	NAC	08/14/2007 / 13:59	
Toluene	EPA 8021	50.5	ug/L	10	NAC	08/14/2007 / 13:59	
Ethylbenzene	EPA 8021	405	ug/L	10	NAC	08/14/2007 / 13:59	
M & P Xylene	EPA 8021	302	ug/L	20	NAC	08/14/2007 / 13:59	
O-XYLENE	EPA 8021	173	ug/L	10	NAC	08/14/2007 / 13:59	
Isopropylbenzene	EPA 8021	159	ug/L	10	NAC	08/14/2007 / 13:59	

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Customer: ATC Associates

Workorder No. 0708-00082

Sample: 003 MW-02
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
1,3,5-Trimethylbenzene	EPA 8021	43.5	ug/L	10	NAC	08/14/2007 / 13:59	
n-Propylbenzene	EPA 8021	78.2	ug/L	10	NAC	08/14/2007 / 13:59	
tert-Butylbenzene	EPA 8021	ND	ug/L	10	NAC	08/14/2007 / 13:59	
1,2,4-Trimethylbenzene	EPA 8021	313	ug/L	10	NAC	08/14/2007 / 13:59	
sec-Butylbenzene	EPA 8021	81.7	ug/L	10	NAC	08/14/2007 / 13:59	
p-Isopropyltoluene	EPA 8021	ND	ug/L	10	NAC	08/14/2007 / 13:59	
n-Butylbenzene	EPA 8021	ND	ug/L	10	NAC	08/14/2007 / 13:59	
Naphthalene	EPA 8021	6530	ug/L	200	NAC	08/14/2007 / 14:41	
TRIFLUOROTOLUENE (SURR)		87.6	%		NAC	08/14/2007 / 13:59	
4-BROMOFLUOROBENZENE (SURR)		86.2	%		NAC	08/14/2007 / 13:59	

Sample: 004 MW-02
Collection Date: 08/09/2007 Time: 12:10:00PM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Water							
Naphthalene	EPA 8270C	3460	ug/L	530	MVP	08/15/2007 / 17:05	
2-Methylnaphthalene	EPA 8270C	264	ug/L	53	MVP	08/15/2007 / 15:59	
Acenaphthylene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Acenaphthene	EPA 8270C	19.1	ug/L	5.3	MVP	08/15/2007 / 12:06	
Fluorene	EPA 8270C	10.6	ug/L	5.3	MVP	08/15/2007 / 12:06	
Phenanthrene	EPA 8270C	8.61	ug/L	5.3	MVP	08/15/2007 / 12:06	
Anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Chrysene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:06	

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Customer: ATC Associates

Workorder No. 0708-00082

Sample: 004 MW-02
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NITROBENZENE-D5 (SURR)		138	%		MVP	08/15/2007 / 12:06	
2-FLUOROBIPHENYL (SURR)		62.8	%		MVP	08/15/2007 / 12:06	
TERPHENYL-D14 (SURR)		65.2	%		MVP	08/15/2007 / 12:06	

Sample: 005 MW-03
Collection Date: 08/09/2007 Time: 2:05:00PM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
NYSDEC STARS VOCs-Water							
Methyl t-butyl ether	EPA 8021	9.39	ug/L	1	NAC	08/14/2007 / 11:46	
Benzene	EPA 8021	19.3	ug/L	1	NAC	08/14/2007 / 11:46	
Toluene	EPA 8021	2.62	ug/L	1	NAC	08/14/2007 / 11:46	
Ethylbenzene	EPA 8021	55.7	ug/L	1	NAC	08/14/2007 / 11:46	
M & P Xylene	EPA 8021	34.2	ug/L	2	NAC	08/14/2007 / 11:46	
O-XYLENE	EPA 8021	20.1	ug/L	1	NAC	08/14/2007 / 11:46	
Isopropylbenzene	EPA 8021	20.6	ug/L	1	NAC	08/14/2007 / 11:46	
1,3,5-Trimethylbenzene	EPA 8021	7.44	ug/L	1	NAC	08/14/2007 / 11:46	
n-Propylbenzene	EPA 8021	25.4	ug/L	1	NAC	08/14/2007 / 11:46	
tert-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:46	
1,2,4-Trimethylbenzene	EPA 8021	81.0	ug/L	1	NAC	08/14/2007 / 11:46	
sec-Butylbenzene	EPA 8021	5.62	ug/L	1	NAC	08/14/2007 / 11:46	
p-Isopropyltoluene	EPA 8021	5.74	ug/L	1	NAC	08/14/2007 / 11:46	
n-Butylbenzene	EPA 8021	ND	ug/L	1	NAC	08/14/2007 / 11:46	
Naphthalene	EPA 8021	165	ug/L	2	NAC	08/14/2007 / 11:46	
TRIFLUOROTOLUENE (SURR)		79.9	%		NAC	08/14/2007 / 11:46	
4-BROMOFLUOROBENZENE (SURR)		85.2	%		NAC	08/14/2007 / 11:46	

Sample: 006 MW-03
Collection Date: 08/09/2007 Time: 2:05:00PM **Received Date: 08/10/2007 Time: 9:00:00AM**
Matrix: WATER

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
PAH's by EPA 8270 - Water							

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Customer: ATC Associates

Workorder No. 0708-00082

Sample: 006 MW-03
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date/Time	Qual
Naphthalene	EPA 8270C	182	ug/L	26	MVP	08/15/2007 / 16:32	
2-Methylnaphthalene	EPA 8270C	18.8	ug/L	5.3	MVP	08/15/2007 / 12:39	
Acenaphthylene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Acenaphthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Fluorene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Phenanthrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Benzo(a)anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Chrysene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Indeno (1,2,3-cd)Pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Benzo(b)fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Benzo(k)fluoranthene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Benzo(a)pyrene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Dibenzo(a,h)Anthracene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
Benzo (g,h,i) perylene	EPA 8270C	ND	ug/L	5.3	MVP	08/15/2007 / 12:39	
NITROBENZENE-D5 (SURR)		127	%		MVP	08/15/2007 / 12:39	
2-FLUOROBIPHENYL (SURR)		65.0	%		MVP	08/15/2007 / 12:39	
TERPHENYL-D14 (SURR)		59.6	%		MVP	08/15/2007 / 12:39	

To the best of my knowledge this report is true and accurate.

Authorized By: Nicole Cortese Date: 8/15/07

Nicole Cortese, Environmental Laboratory Manager

Certifications: MA: MA069 NY:10982 CT: PH0119 RI:A45 NJ: 59744

ND = Not Detected PQL= Practical Quantitation Limit

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AMERISCI JOB NO: 0708-082 | PAGE 1 OF 1

DUE DATE: ☐ 1 DAY ☐ 2 DAY ☒ 3 DAY ☐ 5 DAY ☐ 7 DAY ☐ 10 DAY

TEMP UPON RECEIPT: 4.8°C

DATA PACKAGE: | P.O.#

COMPANY: ATC ASSOCIATES

ADDRESS: 104 E. 25th ST, NY, NY

PHONE: 212-353-8280 | FAX 1: 212-979-8447 | FAX 2:

CLIENT CONTACT: Doug GLORIE | EMAIL: doug.glorie@atcassociates.com

PROJECT NAME: DOE GARAGE 60 12TH STREET | PROJECT NUMBER: 19125 | PROJECT STATE: NY

MATRIX: A-WATER S-SOIL/SOLIDS SL-SLUDGE OIL-OIL CH-CHIPS WI-WIPES C-CASSETTES W-WASTE O-OTHER

CONTAINER: P-PLASTIC G-GLASS V-VOA

LAB ID	CLIENT SAMPLE IDENTIFICATION	MATRIX	CONTAINER SIZE	CONTAINER TYPE	CONTAINER #	SAMPLING INFORMATION DATE	SAMPLING INFORMATION TIME	SAMPLING INFORMATION TECH	GRAB (G) OR COMPOSITE (C)	PRESERVATIVES	SAMPLE pH AT LOGIN	STARS - VOC	STARS - SVOC	Notes:
	MW-01	A	40 ml	G	2	8/9/07	1055	DG		HCl		X		
	MW-01		1 L		1		1055			NA	7		X	
	MW-02		40ml		2		1210			HCl		X		
	MW-02		1 L		1		1210			NA	6		X	
	MW-03		40 ml		2		1405			HCl		X		
	MW-03		1L		1		1405			HCl	6		X	

SAMPLED BY: (PRINT) Doug GLORIE	DATE: 8/9/07	RECEIVED BY: (PRINT) Leona. Hedrick	DATE: 8/9/07
(SIGN)	TIME:	(SIGN) Leona Hedrick	TIME: 1430
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED BY: (PRINT)	DATE:
(SIGN)	TIME:	(SIGN)	TIME:
RELINQUISHED BY: (PRINT)	DATE:	RECEIVED FOR LABORATORY BY: (PRINT) Alex Cortes	DATE: 8/10/07
(SIGN)	TIME:	(SIGN)	TIME: 9:00

APPENDIX E:
WASTE MANIFESTS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 877 460 1038

4. Manifest Tracking Number: 000552906 JJK

GENERATOR

5. Generator's Name and Mailing Address
Department of Education
44-36 Vernon Boulevard
Long Island, NY 11101

Generator's Phone: 718 361-3808

Generator's Site Address (if different than mailing address)
60 12TH STREET
BROOKLYN, NY 11215

6. Transporter 1 Company Name: Environmental Waste Minimization Inc.

U.S. EPA ID Number: PAR000501577

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
EQ Detroit, Inc.
1923 Fredrick Street
Detroit, MI 48211

Facility's Phone: (313) 923-0080

U.S. EPA ID Number: MID980991566

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Soil Cuttings DOT/RCRA Non Regulated	004	DM	02278	DM	None
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
A: S J07115601RT (4x55DM) D:
B:
C: T-103 PO#TD100729-01

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Peter Kolodner as agent for generator
Signature:
Month 10 Day 30 Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: IAN GRENGER
Signature:
Month 10 Day 30 Year 07

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

18b. Alternate Facility (or Generator) Manifest Reference Number:
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of 1

3. Emergency Response Phone: 877 409 1038

4. Manifest Tracking Number: 000552907 JJK

5. Generator's Name and Mailing Address: Department of Education, 44-36 Vernon Boulevard, Long Island, NY 11101

Generator's Site Address (if different than mailing address): ~~60 12th Street~~ (16) 200 2nd Ave, Brooklyn, NY 11215

Generator's Phone: 718 361-3808

6. Transporter 1 Company Name: Environmental Waste Minimization Inc.

U.S. EPA ID Number: PAR000501577

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: EQ Indianapolis, 4000 West 10th Street, Indianapolis, IN 46222

U.S. EPA ID Number: IND161049309

Facility's Phone: (317) 247-7160

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Grease DOT/RCRA Non Regulated (029L)	001	DM	00133	P	029L
	2. ~~Gear Oil DOT/RCRA Non Regulated (029L)~~ (16)					~~029L~~
	3. ~~Transmission Fluid DOT/RCRA Non Regulated (029L)~~ (16)					~~029L~~
	4.					

14. Special Handling Instructions and Additional Information

A: L. (029L) 307118 IND (1X30DM)

~~B: L. (029L) 307114 IND~~

~~C: L. (029L) 307115 IND~~

D:

T-103 PO# TB100729-02

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Peter Volodner as agent for generator

Signature

Month 10 Day 30 Year 07

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: IAN GERENSER

Signature

Month 10 Day 30 Year 07

Transporter 2 Printed/Typed Name

Signature

Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)

Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name

Signature

Month Day Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

STRAIGHT BILL OF LADING

ORIGINAL — NOT NEGOTIABLE

Shipper No. PO#TD100729

Carrier No. 103007-01

Page 1 of 1 ENVIRONMENTAL WASTE MINIMIZATION, INC. (Name of carrier) (SCAC)

Date 10/30/07

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee SAAR

Street 43 SAAR DR.

City NISBET State PA Zip Code 17702

FROM:
Shipper DEPARTMENT OF EDUCATION

Street 44-36 VERNON BOULEVARD

City LONG ISLAND State NY Zip Code 11101

24 hr. Emergency Contact Tel. No. 877-960-1038(RRI)

Route

Vehicle Number T-103

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 X 55DM		EMPTY DRUMS DOT/RCRA NON REGULATED	45	P		

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER ATC Associates Inc

PER _____ as agent for generator

CARRIER EWM 1

PER _____

DATE 10/30/07

1

Permanent post-office address of shipper.

Date: 10/10/07

I/we Department of Education hereby give, ATC Associates, authorization to sign on our behalf all Waste Characterization Reports, shipping paperwork, Manifests, Bill of Ladings and Land Ban Disposal forms associated with the transportation and disposal of spill material generated.

Signature

DIR FMS
Title

10/10/07
Date

DOE DEPT OF EDUCATION
Company

12th St, Bklyn